



FedEx Web Services



Rate Service
June 2009

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Contents

About this Guide	1
Document Organization	1
Resources	1
Support	1
Introduction	2
Document Overview	3
Web Services, WSDL, and SOAP Overview	5
Implementing FedEx Web Services	10
Understanding the XML Schema	11
Implementation Process	18
Rate Services	21
Rate	21
Rate Available Services/Rate Shopping	21
Surcharges and Discounts	35
Schema RateService_v7.xsd	40

About this Guide

This guide describes how to work with the Rate Service feature of FedEx Web Services.

It is written for the application developer who uses Web Services to design and deploy applications enabled by FedEx. It describes how to get started with application development and how to use the Application Programming Interface (API). It also describes the service and business logic that drives the process.

Document Organization

Each Web Service provides access to FedEx features. The service description includes service details and a full schema listing to facilitate application development.

Resources

The following may also be useful for FedEx Web Services developers:

- FedEx Web Services Developer Resource Center: fedex.com/developer
- FedEx Services At-a-Glance: fedex.com/us/services/ata glance.html
- FedEx Service Guide: fedex.com/us/services/pdf/
- Web Services organization home page: webservices.org
- O'Reilly XML.com: webservices.xml.com

Support

For FedEx Web Services technical support, you can reach FedEx at websupport@fedex.com or call 1.877.339.2774 and state "FedEx Web Services" at the voice prompt. Support hours are Monday through Friday, 7 a.m. to 12 a.m. (midnight) (CST) and Saturday, 7 a.m. to 7 p.m. (CST). For international customer support, call 1.800.Go.FedEx.

Introduction

FedEx Web Services gives you the tools to build custom platform- and interface-independent applications that access FedEx features. You can use FedEx Web Services in a variety of ways to create customized integration solutions for your specific shipping needs. Here are just a few of the ways a company can use Web Services to streamline operations, improve visibility, and provide more choices to clients:

- **Verify Addresses and Improve Customer Satisfaction:** Prompt customers for additional information in the event of an address discrepancy or missing information with Address Validation Service.
- **Give Customers More Options:** Help customers learn about all the available shipping options and rates with Rate Services. You can also extend this service to your shopping cart and Web site, allowing customers to access money-saving information firsthand.
- **More Convenience:** Use the Locator Service to find the FedEx pickup location nearest your customer. Or, send an e-mail to your customers with a link to this service as part of your standard order-receipt process.
- **Offer Global Shipping Options:** Create shipping labels for worldwide locations. Improve customer service by offering more shipping options to customers in more countries with the consolidated Ship Service.
- **Reduce Customer Service Costs:** Decrease phone traffic from customers checking the status of their shipments and cut customer service costs. FedEx provides online Tracking and Visibility Services that allow you to provide customers with the status of shipments, Signature Proof of Delivery (SPOD), and Shipment Notification in the Ship Request.
- **Simplify Processes and Improve Satisfaction:** Create an e-mail returns shipping label by using the Ship Service's CreatePendingShipment Request. This transaction sends an e-mail with the address (URL) of a Web site where the recipient can log in and print a return label.

Why should developers be interested in Web Services?

- **Interoperability**—Any Web Service can interact with any other Web Service and can be written in any programming language.
- **Ubiquity**—Web Services communicate using HTTP and XML. Any connected device that supports these technologies can both host and access Web Services.
- **Low Barrier to Entry**—The concepts behind Web Services are easy to understand, and developers can quickly create and deploy them using many toolkits available on the Web.
- **Industry Support**—Major content providers and vendors support the Web Services movement.

Any application running on any platform can interact with a Web Service by using the SOAP and WDSL standards for message transfer and service discovery. By following the standards, applications can seamlessly communicate with platform services.

Document Overview

The FedEx Web Services Developer Guide provides instructions for coding the functions you need to develop FedEx-supported applications. The following chapters make up the Web Services Developer Guide:

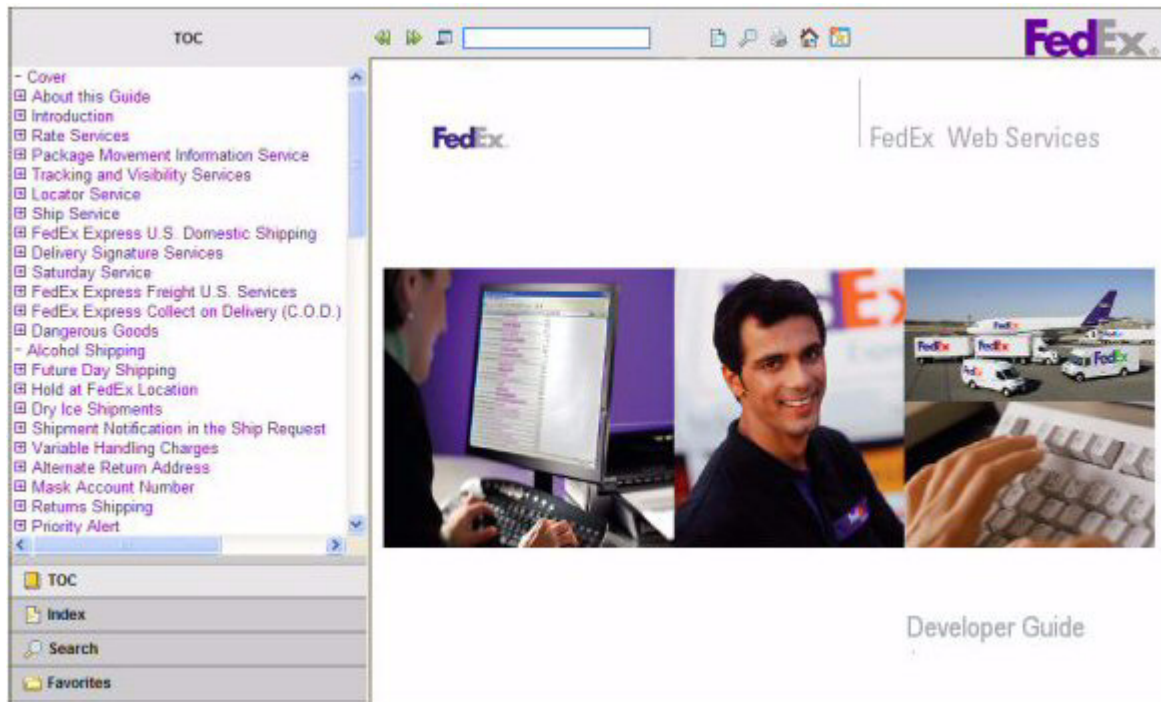
- Introduction (this chapter):
 - o Documentation overview and guidelines, including how to use the Help application and how to print this guide.
 - o Overview information about Web Services, including a high-level description of FedEx Web Services methods.
 - o Coding basics.
 - o Overview information about testing and certifying your application.
- [Rate Services](#) describes services to obtain rates for packages.

This document describes Web Services coding information as follows:

- Service Details—Business rules for using the FedEx service.
- Service Options—Links to additional services that can be added to the basic Web Service.
- Coding Details—Best practices information, basic request and reply elements, and a link to error messages.
- XML Schema—A link to the layout for the service. This layout provides coding requirements for all elements in the schema.
- Error Messages—A table of error codes and messages.

Using the Web Services Online Help

This guide is also available in the online help at the FedEx Developer Resource Center (fedex.com/developer) in **Support > FedEx Web Services Developer Guide**.



Web Services Help opens in your default browser, such as Internet Explorer or Firefox. The first topic—in this case, the cover page—appears in the main window.

The Table of Contents (TOC) appears in the navigation column. Under the TOC you can choose the Index, Search, or Favorites options. Each of these features appears in the same column.

The toolbar across the top of the window displays the following elements:

- Back—Returns you to the previously viewed topic.
- Forward—Goes to the next topic as listed in the TOC.
- Quick Search—Enter a search term and click to highlight the term in the current topic. **This feature only searches the current topic.**
- Hide Navigation—Hides the left navigation column.
- Search—Opens the full search tool in the navigation column.
- Print—Opens the **Print** dialog box. See [Printing This Guide or Online Help](#).
- Home—Opens the default topic: in this case, the cover page.
- Add Topic to Favorites—Saves the current topic to your **Favorites** list.

Printing This Guide or Online Help

You can print all or part of this guide from both the PDF and WebHelp versions.

Printing from the PDF Version

From the PDF version you can print the complete document or a page range of the document.

Open the PDF file and click the printer icon  or click **File > Print**.

From the **Print** dialog box you can print the complete document, specify a page range, or choose from any of the available print options.

Printing from the WebHelp Version

From the WebHelp version you can print a single topic or a page range of that topic.

Open WebHelp and click the printer icon .

From the **Print** dialog box you can print the complete topic or specify a page range.

Web Services, WSDL, and SOAP Overview

This section describes the standard coding technologies used in FedEx Web Services.

Web Services

Web Services is a collection of programming technologies, including XML, Web Services Description Language (WSDL) and SOAP, which allow you to build programming solutions for specific messaging and application integration.

Web Services are, by definition, platform independent. FedEx Web Services allow developers to build custom applications that are independent of changes to the FedEx interface.

Note that FedEx Web Services are not offered as part of a UDDI (Universal Description, Discovery, and Integration) and must be downloaded from the FedEx Developer Resource Center (fedex.com/developer) and stored locally for development and usage.

WSDL

A SOAP request to, or response from, a service is generated according to the service's WSDL definition. A WSDL document describes a service. It is an XML document that provides information about what the service does, the methods that are available, their parameters, and parameter types. It describes how to communicate with the service in order to generate a request to, or decipher a response from, the service. The purpose of a WSDL is to completely describe a Web Service to a client. A WSDL defines where the service is available and what communications protocol is used to talk to the service. It defines everything required to write a program to work with an XML Web Service. A WSDL document describes a Web Service using seven major elements. Elements can be abstract or concrete.

Abstract XML elements describe the Web Service: <types>, <message>, <operation>, <portType>.

Concrete XML elements provide connection details: <service>, <port>, <binding>.

Element	Definition								
<definitions>	The root element contains name space definitions.								
<portType>	The most important WSDL element. It is a set of all operations that a Web Service can accept and is a container for <operation> elements. This WSDL element describes a Web Service, the operations that can be performed, and the messages that are involved, and can be compared to a function library (or a module or a class) in a traditional programming language.								
<types>	Defines variable types used in the Web Service (both the parameters passed to a function and the type of the value passed back via the response). The data types are described by XML schema. This element contains user-defined data types (in the form of XML schema). For maximum platform neutrality, WSDL uses XML schema syntax to define data types.								
<message>	Defines the data elements of an operation. Each message can consist of one or more parts that can be compared to the parameters of a function call in a traditional programming language.								
<operation>	Child of the <binding> element that defines each operation that the port exposes. This element allows three messages only: <table> <tr> <th>Message</th><th>Definition</th></tr> <tr> <td>Input Message</td><td>Data Web Services receives</td></tr> <tr> <td>Output Message</td><td>Data Web Services sends</td></tr> <tr> <td>Fault Message</td><td>Error messages from Web Services</td></tr> </table>	Message	Definition	Input Message	Data Web Services receives	Output Message	Data Web Services sends	Fault Message	Error messages from Web Services
Message	Definition								
Input Message	Data Web Services receives								
Output Message	Data Web Services sends								
Fault Message	Error messages from Web Services								
<service>	The <service> element contains a <port> child element that describes the URL where the service is located. This is the location of the ultimate Web Service.								
<binding>	The <binding> element defines the message format and protocol details for each port. The binding element has two attributes: the name attribute and the type attribute. This element specifies how the client and the Web Service should send messages to one another.								

Note: For more information about the WSDL standard, refer to the W3C Web site at w3.org/TR/wsdl.

SOAP

SOAP is a simple XML-based protocol that allows applications to exchange information over HTTP. SOAP is built on open standards supported by numerous development tools on various platforms. SOAP provides a way to communicate between applications running on different operating systems, with different technologies and programming languages. The SOAP request interface is an object in your application programming language.

SOAP enables the data to pass through layers of intermediaries and arrive at the ultimate receiver the way it was intended. It is worth noting that you may not need to actually construct the SOAP messages yourself—many development tools available today construct SOAP behind the scenes.

SOAP Message

A SOAP message is an ordinary XML document that can be a “request” for a Web Service from a client or a “reply” from a Web Service to a client.

- Required <SOAP:Envelope>
- Optional <SOAP:Header>
- Required <SOAP:Body>

Example: Delete Tag Request (SOAP Message)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsi="http://
www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/
/XMLSchema" xmlns="http://fedex.com/ws/ship/v7">
<SOAP-ENV:Body>
<DeleteTagRequest>
<WebAuthenticationDetail>
<UserCredential>
<Key>xxxxxxxxxxxxxxxx</Key>
<Password></Password>
</UserCredential>
</WebAuthenticationDetail>
<ClientDetail>
<AccountNumber>xxxxxxxx</AccountNumber>
<MeterNumber>xxxxxx</MeterNumber>
</ClientDetail>
<TransactionDetail>
<CustomerTransactionId>DE_Shakeout_wsvc</CustomerTransactionId>
</TransactionDetail>
<Version>
<ServiceId>ship</ServiceId>
<Major>7</Major>
<Intermediate>0</Intermediate>
<Minor>0</Minor>
</Version>
<DispatchLocationId>MQYA</DispatchLocationId>
<DispatchDate>2008-10-08</DispatchDate>
<Payment>
<PaymentType>SENDER</PaymentType>
<Payor>
<AccountNumber>xxxxxxxx</AccountNumber>
<CountryCode>US</CountryCode>
</Payor>
</Payment>
<ConfirmationNumber>997037200019454</ConfirmationNumber>
</DeleteTagRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

For more information about the SOAP standard, refer to the World Wide Web Consortium (W3C) Web site at w3.org/TR/SOAP.

Non-SOAP Web Services

FedEx offers a non-SOAP Web Services solution that you can use without having to use tools that provide SOAP protocol support for Web Services. This may be convenient for developers using environments that do not provide support for SOAP. With this interface, XML documents are sent directly to the FedEx servers via the HTTP POST command. FedEx provides a set of specifications and examples to help with the development of this type of application.

To use the non-SOAP Web Service solution, you must meet the following requirements:

- A working knowledge of HTTPS and Secure Socket Layering encryption.
- The ability to provide a secure SSL connection to FedEx.
- The ability to code to a designated interface using XML.

The interfaces used in the SOAP and non-SOAP Web Services are defined in WSDL files. The WSDL files contain schemas that define the layout of the transactions. The same WSDL file is used for both the SOAP and non-SOAP Web Service users.

Non-SOAP users are only concerned with the internal schema definitions and not the other WSDL components that are SOAP-specific. The XML data that is sent via the non-SOAP interface looks almost identical to the data that is sent via the SOAP interface. The only difference is that the data sent via the non-SOAP interface does not contain the wrapping Envelope and Body tags that are specific to SOAP. An example of a request using the non-SOAP interface looks like this:

```
<ns:TrackRequest xmlns:ns="http://fedex.com/ws/track/v2" xmlns:xsi="http://
www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://fedex.com/ws/
track/v4 TrackService_v4.xsd ">
  <ns:WebAuthenticationDetail>
    <ns:UserCredential>
      <ns:Key>xxxxxxxxxxxxxxxx</ns:Key>
      <ns:Password>xxxxxxxxxxxxxxxxxxxxxxxx</ns:Password>
    </ns:UserCredential>
  </ns:WebAuthenticationDetail>
  <ns:ClientDetail>
    <ns:AccountNumber>000000000</ns:AccountNumber>
    <ns:MeterNumber>0000000</ns:MeterNumber>
  </ns:ClientDetail>
  <ns:TransactionDetail>
    <ns:CustomerTransactionId>User Customizable Field</
ns:CustomerTransactionId></ns:TransactionDetail>
  <ns:Version>
    <ns:ServiceId>trck</ns:ServiceId>
    <ns:Major>3</ns:Major>
    <ns:Intermediate>0</ns:Intermediate>
    <ns:Minor>0</ns:Minor>
  </ns:Version>
  <ns:PackageIdentifier>
    <ns:Value>tttttttttttttt</ns:Value>
    <ns:Type>TRACKING_NUMBER_OR_DOORTAG</ns:Type>
  </ns:PackageIdentifier>
```

```
<ns:IncludeDetailedScans>true</ns:IncludeDetailedScans>
</ns:TrackRequest>
```

Error Handling

Error handling for non-SOAP transactions is different from error handling for SOAP operations. The SOAP specification provides an error handling mechanism that is not present for non-SOAP operations. For a SOAP operation, a fault is returned as a SOAP exception. For a non-SOAP request, the contents of the SOAP fault are returned as an XML document. These SOAP fault documents are returned in situations such as schema validation failures or when transaction types are unrecognized. In the following example, a SOAP fault document is returned from a schema validation failure in which the “AccountNumber” element was incorrectly sent as the “AccountNumberx” element:

```
<soapenv:Fault xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <faultcode>soapenv:Server</faultcode>
  <faultstring>5: Schema validation failed for request.</faultstring>
  <detail>
    <con:fault xmlns:con="http://www.bea.com/wli/sb/context">
      <con:errorCode>5</con:errorCode>
      <con:reason>Schema validation failed for request.</con:reason>
      <con:details>
        <con1:ValidationFailureDetail xmlns:con1="http://www.bea.com/wli/sb/stages/transform/config">
          <con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v1' instead of 'AccountNumberx@http://fedex.com/ws/ship/v7' here in element ClientDetail@http://fedex.com/ws/ship/v7</con1:message>
          <con1:xmlLocation>
            <ship:AccountNumberx xmlns:ship="http://fedex.com/ws/ship/v1">000000000</ship:AccountNumberx>
          </con1:xmlLocation>
          <con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v7' before the end of the content in element ClientDetail@http://fedex.com/ws/ship/v7</con1:message>
          <con1:xmlLocation>
            <ship:ClientDetail xmlns:ship="http://fedex.com/ws/ship/v7">
              <ship:AccountNumberx>00000000000000000000</ship:AccountNumberx>
              <ship:MeterNumber>0000000</ship:MeterNumber>
            </ship:ClientDetail>
          </con1:xmlLocation>
        </con1:ValidationFailureDetail>
      </con:details>
    </con:location>
    <con:node>Validate</con:node>
    <con:pipeline>Validate_request</con:pipeline>
    <con:stage>ValidateRequest</con:stage>
    <con:path>request-pipeline</con:path>
  </con:location>
```

```

        </con:fault>
    </detail>
</soapenv:Fault>

```

Each reply should be checked for the “Fault” element to indicate failure in processing the message. Note that the normal error processing still applies; this is an additional error check for incorrect syntax in XML documents.

Keep in mind that if you use either the SOAP or non-SOAP version of FedEx Web Services, labels are returned as Base64 encoded. To print shipping labels, you must decode labels before sending them to your printer.

Non-SOAP HTTP POST Example

The following HTTPS POST example is a valid working example, but is not guaranteed to work for all programming languages/applications/host systems:

```

POST /xml HTTP/1.0
Referer: YourCompanyNameGoesHere
Host: gatewaybeta.fedex.com
Port: 443
Accept: image/gif, image/jpeg, image/pjpeg, text/plain, text/html, */*
Content-Type: image/gif
Content-length: %d
Your FedEx Transaction

```

Each line is followed by one new line character except Content-length and the FedEx transaction. Two new line characters follow the Content-length line. The FedEx transaction has no extra characters. The Content-length line should have the length of the FedEx transaction in place of the %d variable.

Note: Port 443 must be opened for bi-directional communication on your firewall.

After formatting your non-SOAP transaction and placing it in a HTTP POST request, open an SSL connection to the FedEx test server and send the request to FedEx through your SSL connection.

Next, parse the HTTPS response to determine if there were any errors. Examine the HTTP header to determine if any HTTP or Web Server errors were encountered. If you received a 200 status code, parse the reply to determine if there were any processing problems.

Visual Basic Project Error

You may receive an error indicating that xxxxxx element is not set, even after setting it in the code. When you set a Boolean type element (xxxxxx) to True, you may also need to set the "xxxxxxSpecified" element to True.

Implementing FedEx Web Services

Before you begin your implementation of FedEx Web Services, make note of the following guidelines:

- FedEx Web Services is designed for use by skilled developers who are familiar with the SOAP protocol and Web Services Description Language (WSDL).

- Unlike traditional client/server models, such as a Web server or Web page system, Web Services do not provide the user with a GUI. Instead, Web Services share business logic, data, and processes through a programmatic interface across a network.
- To perform a particular FedEx task such as tracking a package, you need to use a class, module, or function that creates your request, sends it to the FedEx platform, and handles the response.
- Web Services are designed to support any operating system and coding language. Downloadable sample code is available in Java, C++, C#, VB, .Net, and PHP languages.

Understanding the XML Schema

The XML schema defines the messages that you can use to access the FedEx services. You create a request that contains business data and other instructions and you send it to FedEx. FedEx replies with a response that contains the data resulting from the instructions you sent in. Notice that schema diagrams are conveniently linked to help you find information and child values.

The XML schema provides a means for defining the structure, content, and semantics of XML documents.

An XML schema defines:

- Elements and attributes that can appear in a document
- Elements that are child elements
- Order and number of child elements
- Whether an element is empty or can include text
- Data types, default values and fixed values for elements and attributes

Some important facts about the XML schema:

- Elements that contain sub-elements or carry attributes have complex types.
- Elements that contain numbers (and strings, and dates, etc.), but do not contain any sub-elements, have simple types. Some elements have attributes. Attributes always have simple types.
- Complex types in the instance document, and some of the simple types, are defined in the schema associated with a FedEx Web Service. Other simple types are defined as part of XML Schema's repertoire of built-in simple types.
- XML schema built-in simple types are prefixed by "xs:", which is associated with the XML schema namespace through the declaration `xmlns:xs="http://www.w3.org/2001/XMLSchema"`, displayed in the schema element.
- The same prefix, and the same association, are also part of the names of built-in simple types, e.g. `xs:string`. This association identifies the elements and simple types as belonging to the vocabulary of the XML schema language, rather than the vocabulary of the schema author.

Guide to the XML Schema

The XML schema for each WSDL provides details about the structure, content, and semantics of the request XML document sent to a FedEx Web Service and the XML document returned by that FedEx Web Service.

The top of each service schema includes:

- Schema location and schema file name that ends in an “.xsd” suffix.
- Alphabetical listing of complex types for the documented service.
- Alphabetical listing of schema simple types for the documented service.
- Input or request data type for the documented service.
- Output or reply data type for the documented service.

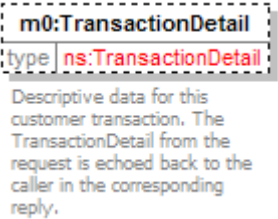

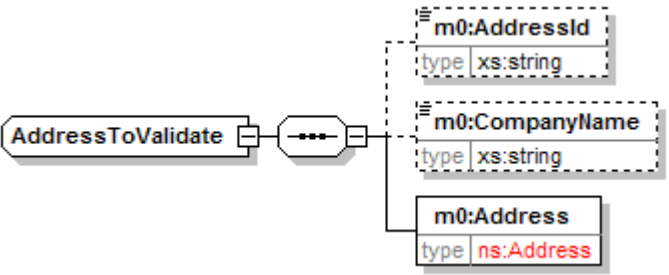
The remainder of the service schema contains tables of information about each element, complex type, and simple type.

Each table consists of some or all of the following sections: diagram, namespace, children, type, properties, used by, facets, and source.

XML Schema Diagrams

XML schema diagrams describe the elements (usually associated with a request or reply), complex types, and simple types that make up the WSDL. The following table illustrates the relationships and behavior of elements and types.

Diagram	Description				
<p>AddressValidationRequest</p> <ul style="list-style-type: none"> m0:WebAuthenticationDetail type: ns:WebAuthenticationDetail The descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services). m0:ClientDetail type: ns:ClientDetail Descriptive data identifying the client submitting the transaction. m0:TransactionDetail type: ns:TransactionDetail Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply. m0:Version type: ns:VersionId Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply). m0:RequestTimestamp type: xs:dateTime m0:Options type: ns:AddressValidationOptions m0:AddressesToValidate type: ns:AddressToValidate 1..100 <table border="1"> <thead> <tr> <th>children</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>m0:WebAuthenticationDetail m0:ClientDetail m0:TransactionDetail m0:Version m0:RequestTimestamp m0:Options m0:AddressesToValidate</td> </tr> </tbody> </table>	children			m0:WebAuthenticationDetail m0:ClientDetail m0:TransactionDetail m0:Version m0:RequestTimestamp m0:Options m0:AddressesToValidate	<p>Diagrams of a parent element, such as AddressValidationRequest, include connections to the child elements. Child elements can be simple or complex types.</p> <p>A child element connected with a solid line and surrounded by a box with a solid border represents a required type, such as ClientDetail.</p> <p>A child element connected by a dotted line and surrounded by a dotted border represents an optional type (minOccurs="0"), such as TransactionDetail.</p> <p>Note: An element that is defined as minOccurs="0" may be required for some calls.</p> <p>Types that are documented include the documentation directly below the box.</p> <p>All children are linked by name below the diagram.</p>
children					
	m0:WebAuthenticationDetail m0:ClientDetail m0:TransactionDetail m0:Version m0:RequestTimestamp m0:Options m0:AddressesToValidate				
<p>m0:Version type: ns:VersionId Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</p>	<p>A box with a single solid border represents a single element that is required.</p> <p>The type can be simple or complex.</p>				

Diagram	Description
 <p>m0:TransactionDetail type ns:TransactionDetail</p> <p>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</p>	<p>A box with a dotted border indicates a single element that is optional.</p> <p>The type can be simple or complex.</p>
 <p>The diagram shows two elements: AddressValidationReply and AddressValidationResult. AddressValidationReply contains: m0:HighestSeverity (type ns:NotificationSeverityType), m0:Notifications (type ns:Notification, 1..∞), m0:TransactionDetail (type ns:TransactionDetail), m0:ReplyTimestamp (type xs:dateTime), m0:AddressResults (type ns:AddressValidationResult, 1..100), and m0:Version (type ns:VersionId). AddressValidationResult contains: m0:AddressId (type xs:string) and m0:ProposedAddressDetails (type ns:ProposedAddressDetail, 0..10).</p>	<p>A layered box represents a multiple occurrence element. A solid line represents a required multiple occurrence element.</p> <p>The number of possible occurrences appears below the box, as depicted by the AddressResults element.</p> <p>An unbounded number of occurrences is represented by the infinity ∞ symbol (maxOccurs="unbounded"), as depicted by the Notifications type.</p> <p>A layered box with a dotted border represents an optional multiple occurrence type (minOccurs="0"), such as ProposedAddressResults.</p> <p>Note: An element that is defined as minOccurs="0" may be required for some calls.</p>
 <p>The diagram shows the AddressToValidate element containing: m0:AddressId (type xs:string), m0:CompanyName (type xs:string), and m0:Address (type ns:Address).</p>	<p>A standard type such as "string" appears in black text below element name.</p> <p>A FedEx-specific type such as "Address" appears in red text below the element name.</p>

Required Elements

Most requests to FedEx require the following complex elements:

Note: These elements are common to most Web Services (see the table below for which WSDLs need which common elements) and are not documented service by service.

WebAuthenticationDetail—The WebAuthenticationDetail element includes user credentials issued by FedEx so that your transactions are recognized by the FedEx back-end systems. The following elements are required:

Element	Description
WebAuthenticationDetail	The descriptive data to be used in authentication of the sender's identity and right to use FedEx web services.
UserCredential	Credential used to authenticate a specific software application. This value is provided by FedEx after registration.
WebAuthenticationCredential	Two-part authentication string used to verify sender identity.
WebAuthenticationCredential/Key	Unique identifier assigned to each customer as part of authentication credential.
WebAuthenticationCredential/Password	Second part of the authentication credential which has a direct relationship with the credential key.

Note: Web Services now use two-factor authentication. If you do not have new credentials, the latest WSDLs will use your old authentication credentials. If you do not have a new user authentication credential, do not populate the password element.

ClientDetail—The ClientDetail element is required for all services that need your FedEx account number and meter number. Requirements are:

Element	Description
ClientDetail/AccountNumber	Your FedEx account number.
ClientDetail/MeterNumber	Maximum of 9 characters. The associated meter number for your FedEx account number

TransactionDetail—The TransactionDetail element is optional for all transactions. However, if you want to identify associated request and reply transactions, use this element.

Element	Description
TransactionDetail/CustomerTransactionId	Maximum of 40 characters. This element allows you to assign a unique identifier to your transaction. This element is returned in the reply and helps you match requests to replies.

VersionId—The VersionId element is required and uploads the WSDL version number to FedEx. FedEx provides the latest version number for the service you are using. This number should be updated when you implement a new version of the service.

Sender Information—Your sender information is required for all shipping transactions:

Element	Description
AccountNumber	If you include this element in the ship request, this entry overrides the account number in the ClientDetail element.
TIN	Tax Identification Number—this information is required for international shipments only.

Element	Description
Contact	The Contact element includes: <ul style="list-style-type: none"> • PersonName • Title • CompanyName • Department • PhoneNumber • PagerNumber • FaxNumber • EMailAddress
Address	This element includes: <ul style="list-style-type: none"> • StreetLines: two StreetLines elements are allowed. • City • StateOrProvinceCode: required if your sender address is in the U.S. or Canada. • PostalCode: required. • UrbanizationCode: may be required if your sender address is in Puerto Rico. • CountryCode: required.
Residential	Required if your sender address is considered a residential location. If you are unsure, use the Address Validation WSDL to check your address.

Reply Notifications

Notifications are returned in replies. The notification element provides the notification ranked according to their severity:

- HighestSeverity—This element ranks the level of notification severity. Values include:
 - o FAILURE: Code/message explains that your request could not be handled at this time; please do not resubmit right now.
 - o ERROR: Code/message identifies a problem with your request data; you may fix the request data and try again.
 - o WARNING: Your request was successful. However, the code/message explains what had to be done to fulfill your request; you may need to determine whether that is what you intended, you may need to do this differently next time, or you may need to prepare for a future change. Request was completed.
 - o NOTE: Your request was successful. However, the code/message contains additional information about how your request was fulfilled; you do not need to take any special action.
 - o SUCCESS: Your request was successful. There are no NOTE or WARNING notifications.

Note: There is a possibility of multiple Notification objects (different severity levels) for a single request. The response notification severity values of ERROR, FAILURE and SUCCESS should never be combined in a single response.

Notification Examples

For example, if you need to perform a US Address Correction, the service should accept a (domestic) Address object from its client and return that Address in a standardized form (canonical spelling and abbreviation of street name parts, elimination of redundant white space, data correction where possible, etc.). The following cases illustrate several notification types.

The example service has been assigned a NotificationSourceType value of "USACS".

Case:

Request to submit an Address that is valid and is already in standardized form (i.e., there is nothing to say except "OK").

Reply: Notifications:SUCCESS and Address:the original address (or copy).

Case:

Request to submit an Address that is valid but not in standardized form (e.g., the word "Boulevard" in a street name is replaced with the standard abbreviation "Blvd" and "Saint Louis" as a city name is replaced with "St Louis").

Reply: Notifications:{NOTE, "Standard abbreviation applied to street name"}, {NOTE, "Standard abbreviation applied to city name"} and Address:the original address, with modification made to the street name and city name.

Case:

Request to submit an Address that is valid but with only a 5-digit ZIP Code: the service supplies the ZIP+4 for the standardized address.

Reply: Notifications:{NOTE, "ZIP+4 suffix added"} and Address: the original address, with the four-digit suffix added to the ZIP Code.

Case:

Request to submit an Address that is identifiable by street data, city name, and state code, but with a 5-digit ZIP Code that does not match the other fields. The service supplies the correct ZIP+4 for the standardized address.

Reply: Notifications:{WARNING, "ZIP Code corrected to match rest of address"} and Address: the original address, with the replacement ZIP Code.

Case:

Request to submit an Address that has a bogus state code. The original address contains a ZIP+4 Code belonging to a city/state pair that matches the client's original city and street address. The service supplies the corresponding state code in the corrected address.

Reply: Notifications:{WARNING, "State code corrected to match city and ZIP Code"} and Address:the original address, with the revised state code.

Case:

Request to submit an Address that has an incorrect state code. The original address contains a ZIP+4 Code belonging to a city/state pair that matches the client's original city and street address. The service rejects the client's address.

Reply: Notifications:{ERROR, "State code is incorrect for city/ZIP combination"} and Address: empty (either all fields blank or no Address at all).

Case:

Request to submit an Address that contains only a single street line (no city, state or ZIP Code). The service rejects the request.

Reply: Notifications: {ERROR, "City name is missing and cannot be corrected"}, {ERROR, "State code is missing and cannot be corrected"}, {ERROR, "ZIP Code is missing and cannot be corrected"} and Address: empty (either all fields blank or no Address at all)

Case:

Request to submit an Address, but the address correction service's database server is down or fails.

Reply: Notifications: {FAILURE, "Service temporarily unavailable"}, Address: empty (either all fields blank or no Address at all).

Implementation Process

Planning your integration and organizing your application data to address your shipping needs can sometimes take more time than the actual implementation of the integration. FedEx Web Services conforms to industry standards and is compatible with a comprehensive array of developer's tools. This ensures the fastest time-to-market with maximum flexibility to integrate FedEx transactions and information into your applications. FedEx WSDLs are fully interoperable with any product or developer's tool that also conforms to the WS-I Basic Profile. For details, see ws-i.org/Profiles/BasicProfile-1.1-2004-08-24.html.

The process of integrating an application with FedEx Web Services includes accessing documentation, sample code, and WSDL downloads from the Developers Resource Center. In addition, all developers can obtain a test meter number and engage in real-time online testing in the FedEx hosted test environment.

Testing

FedEx supplies a complete online operating environment with which to test your applications against live FedEx servers. In order to execute test interactions, you must first include a test account number, test meter number, authentication key, and password in your code. These credentials are provided to registered developers.

Certification

Certification is the process of ensuring that your implementation meets a number of requirements for safe, secure, and effective operation of your solution in the FedEx production environment. Certification requirements differ based on whether you are a corporate or commercial developer, and whether you are implementing using the advanced or standard services.

Go to Production

Once an application has passed certification, the developer must replace the test credentials with the production credentials issued by FedEx. The application connection is then directed to the production servers, and the application is live.

Requirements for Corporate and Non-Commercial Developers

There are some differences in how support is provided and in the approvals required to go into production that depend on whether you are creating an application for use by your own company or you are planning to resell your solution to others.

Requirements and Resources for Corporate Developers

Corporate developers are typically part of a dedicated development team at a single company. This category also includes third-party developers (consultants) hired by the company to work on its behalf. In all cases, the integration will be used by the company itself and will not be resold or distributed outside of its own footprint. In this situation, FedEx can support the customer directly.

Requirements and Resources for Corporate Developers	
Must be accepted into the FedEx Compatible Solutions Program (CSP)	No
Self-certification of implementations using standard services	Yes
Self-certification of implementations using advanced services	No
Certification Assistance	Yes (WISC team)
FedEx supports the customer directly	Yes

Preproduction Assistance

Preproduction assistance is available via the FedEx Web Integrated Solutions Consultation (WISC) Team. If you are in the preproduction stages of implementing a FedEx Web Integrated Solution and would like to speak with a FedEx Integration Consultant who can assist you in understanding FedEx Web Services, contact your FedEx sales executive or technical support at 1.877.339.2774 Monday-Friday, 7 a.m.-12 a.m. and Saturday 7 a.m.-7 p.m. (CST). Both your FedEx sales executive and technical support can request a WISC Team member to contact you within 3 business days.

Corporate developers may find that solutions to their needs have already been implemented by a software vendor that is part of the FedEx Compatible Solution Program. If improved time-to-market, cost containment, or specialized knowledge is needed, corporate development planners may want to review the available third-party solutions. To see a list of the solutions provided by the Compatible Solution Providers, go to the Available Solutions page at fedex.allegis.com/LeadReq.asp.

Requirements for Consultants

Consultants developing on behalf of a corporate customer must ensure that their client provides their account information and a signed End User License Agreement to FedEx in order to obtain a production test meter.

Requirements and Resources for Commercial Developers

Commercial developers create solutions with the intent of distributing/reselling them to their customers. Because they are deployed in a variety of situations, commercial integrations generally require a higher order of “fit and finish.” Commercial developers are responsible for supporting their products for their customers. FedEx has a dedicated team of professionals to

help developers commercialize their products and to coordinate the three-way interplay between the developer, the end customer, and FedEx.

Requirements and Resources for Commercial Developers	
Must be accepted into the FedEx Compatible Solutions Program (CSP)	Yes (Required)
Self-certification of implementation using Standard Services	No
Self-certification of implementations using Advanced Services	No
Certification Assistance	Yes (via CSP)
FedEx supports the customer directly	No
FedEx supports the commercial developer's customer	Indirectly

If you are a commercial developer interested in becoming a FedEx Compatible Solution Provider, visit fedex.com/us/compatiblesolutions/provider/ for more information about the FedEx Compatible Solutions Program (CSP).

URL Errors

If a VB.NET or C# project still sends transactions to the test server after changing the URL in the WSDLs to point to production, perform the following:

- Make sure permissions are already activated in the production environment.
- Copy the WSDL files to a different folder.
- Follow the directions on changing the new WSDL files to point to production as described in the Developer Resource Center in the Move to Production topic.
- Remove existing Web Services references from your project that point to old WSDLs containing the URLs to the test environment.
- Create new Web references that point to the modified WSDLs. Use the same names as the old references.
- Compile and test the project. Your new production credentials should work for Standard Web Services, such as rating or tracking without extra permissions. Advanced Web Services require permissions to be active before they will work. Old test key values will now return an error message.

Rate Services

Use the RateService WSDL to request pre-ship rating information and to determine estimated or courtesy billing quotes. Time in Transit can be returned with the rates if it is specified in the request. Depending on how a Rate request is structured, the reply will return in different structures. These structures have two different names.

Rate

RateRequest provides a rate response on a single service.

Note: A rate request does not return route or service availability. All rate quotes are estimates only and may differ from the actual invoiced amount.

Rate Available Services/Rate Shopping

A Rate Available Services request will provide a list of available services from one request. Rates are returned for each service on the list.

Note: A Rate Available Services request does not return route information, but does check service availability and returns only those services that are actually available.

Rate Service Details

The Rate Request provides a shipping rate quote for a specific service combination depending on the origin and destination information supplied in the request. The following details apply:

- Discount rates are available for all services and origin/destination pairs.
- List rates are available for express, ground and freight (future release) U.S. shipments. If you request list rates, you receive both the discount and list rate quote in the Rate reply.
- FedEx list rates are available for FedEx Express, FedEx Ground, FedEx Freight®, and FedEx National LTL. When list rates are requested, both account rates and list rates are returned. Note that list rates are not available for all FedEx Freight and FedEx National LTL accounts.
- FedEx Freight and FedEx National LTL Shipper accounts can only request rates from origin at Shipper address. FedEx Freight and FedEx National LTL Bill To accounts can request rates from origins other than Shipper address. FedEx Freight East and FedEx Freight West accounts can only request rates from origin in respective regions.
- Time in transit may be returned with the rates if it is specified in the request.
- The Rate operation returns the rate for the origin and destination by requested service. You will not receive service checking to validate whether that service is actually available for your ship date and origin/destination pair.
- The Rate Available Services operation returns the rate for the origin and destination for the requested service. Note that only valid services are returned.

- Rate and Rate Available Services for FedEx Express® shipments support intra-Mexico shipping.
- This quote is an estimate and may differ from the actual invoiced amount.
- Rating is available for FedEx SmartPost shipping.
- Rate shopping, service-specific commitment and rate information may also be specified.

For more detailed information about the services offered by FedEx, see the electronic [FedEx Service Guide](#).

Rate Coding Details

When requesting a rate quote:

- Include as much detail as possible about your shipment. The RateService WSDL provides elements to identify your shipment, including shipping option elements. This information is important for calculating the correct shipping costs with surcharges.
- Use the optional RateRequestTypes element to have list rates returned with your discount rates. If you choose LIST as the element value, you receive both discount and list rates.
- For Rate (a single service), specify the service to ensure rate data for the service and shipment data input is returned. For Rate Available Services (multiple services returned), do not include the ServiceType. The system will then return a list of services.
- For Rate, specify the carrier by using CarrierCode. For Rate Available Services, specify the carrier to ensure rate data for all services for the carrier and the shipment data combination are returned, or do not specify a CarrierCode to receive all available services from all carriers in the return.
- Use the optional ReturnTransitAndCommit element to include transit time information in the reply. Express information will include the day and date the package will be delivered, based on the ship date you specified. The Ground response will describe the number of business days required for the package delivery.

RateRequest Elements

Request Element	Required	Description
Shipper	Required	The descriptive data for the physical location from which the shipment originates.
Recipient	Required	The descriptive data for the physical location to which the shipment is destined.
CustomsValue	Optional	Used to calculate Argentina and Dominican Republic export taxes.
DocumentContent	Optional	Used to calculate taxes for Jamaica and United Arab Emirates.
CurrencyType	Optional	Identifies the preferred currency of the requestor.
Payment	Optional	Descriptive data indicating the method and means of payment to FedEx for providing shipping services.

Request Element	Required	Description
VariableHandlingChargeDetail	Optional	Details about how to calculate variable handling charges at the shipment level.
DropoffType	Optional	Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup.
ServiceType	Optional	Identifies the FedEx service to use in shipping the package for a Rate request. See ServiceType for list of valid enumerated values. Note: Do not include this element for Rate Available Services requests.
PackagingType	Required	Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.
ShipTimeStamp	Optional	The date format must be YYYY-MM-DDTHH:MM:SS-xx:xx. The time must be in the format: HH:MM:SS using a 24-hour clock. The date and time are separated by the letter T (e.g., 2009-06-26T17:00:00). The UTC offset indicates the number of hours/minutes (e.g., xx:xx) from UTC (e.g 2009-06-26T17:00:00-04:00 is defined as June 26, 2009 5:00 p.m. Eastern Time).
SpecialServicesRequested	Optional	Identifies the collection of special services offered by FedEx. Valid values include: APPOINTMENT_DELIVERY DANGEROUS_GOODS DRY_ICE NON_STANDARD_CONTAINER PRIORITY_ALERT SIGNATURE_OPTION FEDEX_FREIGHT FEDEX_NATIONAL_FREIGHT INSIDE_PICKUP INSIDE_DELIVERY EXHIBITION EXTREME_LENGTH FLATBED_TRAILER FREIGHT_GUARANTEE LIFTGATE_DELIVERY LIFTGATE_PICKUP LIMITED_ACCESS_DELIVERY LIMITED_ACCESS_PICKUP PRE_DELIVERY_NOTIFICATION PROTECTION_FROM_FREEZING REGIONAL_MALL_DELIVERY REGIONAL_MALL_PICKUP

Request Element	Required	Description
ReturnTransitAndCommit	Optional	Request that Transit Time information be included in the reply.
RateRequestTypes	Optional	Indicates the type of rates to be returned. Valid values are: <ul style="list-style-type: none"> • ACCOUNT • LIST • MULTIWEIGHT Note: RateRequest automatically returns discount rates. If you include the LIST option, the RateRequest returns both list and discount rates.
RateRequestPackageSummary	Optional	Details about a multiple package shipment (MPS) rate request. Use this to rate a total piece and total weight shipment.
PackageCount	Optional	The total number of packages in the entire shipment. The maximum number of packages in one Rate request is 200.
Packages	Optional	Details about a single piece shipment rate request. Currently only one (1) occurrence is supported.
Service Option type	Optional	Specify if Saturday delivery is required. Valid value is SATURDAY_DELIVERY.
Total customs value	Optional	The total amount to be declared to customs for International shipping.
PickupDetail/RequestType	Optional	Specify the request type.
PickupDetail/RequestSource	Optional	Specify the request source.
PickupDetail/CourierInstructions	Optional	Specify any courier instructions.
PickupDetail/LatestPickupDateTime	Optional	Specify the last possible pickup time and date.
PickupDetail/ReadyDateTime	Optional	Specify the time and date the package will be ready for pickup.
Total customs currency type	Optional	The type of currency to be used to customs declaration for International shipping.

Rating for Multiple Package Shipment (MPS)

This option is available for express U.S. and international multiple package shipments, Ground U.S. and international multiple-package shipments, express U.S. C.O.D. and international C.O.D. multiple-package shipments and ground U.S. C.O.D. and international C.O.D. multiple-package shipments. The maximum number of packages in one Rate request is 200.

Request Element	Required	Description
SpecialServicesRequested	Optional	<p>(The following options will be available in a future release.) Identifies the collection of special services offered by FedEx Freight. Acceptable options are:</p> <p>FEDEX_FREIGHT FEDEX_NATIONAL_FREIGHT FEDEX_FREIGHT FEDEX_NATIONAL_FREIGHT INSIDE_PICKUP INSIDE_DELIVERY EXHIBITION EXTREME_LENGTH FLATBED_TRAILER FREIGHT_GUARANTEE LIFTGATE_DELIVERY LIFTGATE_PICKUP LIMITED_ACCESS_DELIVERY LIMITED_ACCESS_PICKUP PRE_DELIVERY_NOTIFICATION PROTECTION_FROM_FREEZING REGIONAL_MALL_DELIVERY REGIONAL_MALL_PICKUP</p>

RateReply Elements

Reply Element	Description
IneligibleForMoneyBackGuarantee	<p>If the service combination you select makes the shipment ineligible for the FedEx money back guarantee, this element is returned in the reply.</p> <p>Note: This element is returned for ground shipments only.</p>
OriginServiceArea	<p>Service area commitment code for origin location. This code applies to a limited number of countries for international shipping. Applies to FedEx Express only.</p> <p>Origin service area is returned for both U.S. domestic and international shipments.</p>
DestinationServiceArea	DestinationAirportID
TransitTime	<p>Expected number of days in transit. For international ground, transit time is an estimate only and depends on the customs clearance times. Applies to FedEx Ground only.</p>
SignatureOption	The signature option for this package.

Reply Element	Description
ActualRateType	The actual rate type of the charges for this package. Possible returned rate types are: <ul style="list-style-type: none"> • PAYOR_ACCOUNT: Rates are returned in the currency code specified within the rate transaction • PAYOR_LIST: Rates are returned in the currency code specified within the rate transaction • PAYOR_MULTIWEIGHT: Rates are returned in the currency code specified within the rate transaction • RATED_ACCOUNT: Rates returned in the currency set for the account. • RATED_LIST: Rates are returned in the currency set for the account.
TrackingId	The tracking number.
EffectiveNetDiscount	The difference between account based rates and list rates. Only returned when list rates are requested.
AdjustedCodCollectionAmount	The adjusted collection amount for Ground C.O.D. This is a package level element.
RatedShipmentDetails	The requested rate information returned in the RatedShipmentDetail element.
RatedShipmentDetail/ ShipmentRateDetail	Shipment level rate information. Currently this is the same as the package level rate information.
RatedShipmentDetail/ RatedPackageDetail	If requesting rates using the PackageDetails element (one package at a time) in the request, the rates for each package will be returned in this element. Currently total piece total weight rates are also returned in this element.
RatedWeightMethod	Returned if dimensional weight applies to the rate quote.
RateScale	Applicable rate scale for FedEx Express shipments.
RateZone	Applicable rate zone for FedEx Express shipments.
BillingWeight	Bill rate equals weight plus dimensions calculations when applicable.
DimWeight	Bill rate for dimensional rating.
BaseCharge	Transportation charges before surcharges and discounts.
TotalSurcharges	Total surcharge amount for all additional services.
TotalFreightDiscount	Total discount amount.
NetCharge	Net charge amount.
ServiceOptionType	If applicable, returns Saturday_Delivery.

Fedex Freight and FedEx National Freight

From the Rating WSDL, you can obtain accurate rates for FedEx Freight National list rates, negotiated rates and FedEx Freight rates. In addition to rate information, you will also receive transit time information.

RateRequest Elements

The following request elements are specific to FedEx Freight shipments

Request Element	Required	Description
FreightShipmentDetail	Required	Includes required shipment data to obtain rates for FedEx Freight and FedEx National Freight shipments.
FreightShipmentDetail/ FedExFreightAccountNumber	Optional	Account number used with FedEx Freight services.
FreightShipmentDetail/ FedExFreightBillingAddress	Optional	Billing address used to validate FedEx Freight account.
FreightShipmentDetail/ FedExNationalFreightAccountNumber	Optional	Account number used with FedEx National Freight services.
FreightShipmentDetail/ FedExNationalFreightBillingAddress	Optional	Billing address used to validate FedEx National Freight account.
FreightShipmentDetail/ Role	Optional	Indicates the role of the party submitting the transaction. Valid values are: <ul style="list-style-type: none"> • CONSIGNEE • SHIPPER • THIRD_PARTY
FreightShipmentDetail/ PaymentType	Optional	Designates which of the requester's tariffs will be used for rating. Valid values are: COLLECT PREPAID
FreightShipmentDetail/ NewGoods	Optional	Shipment contents are declared as new for valuation purposes.
FreightShipmentDetail/ DeclaredValue	Optional	Carriage value of shipment. This field is for information only. RequestedShipment InsuredValue field must be used to request excess valuation for reimbursement in case of damage or loss.
FreightShipmentDetail/ Coupons	Optional	Identifies promotional discounts offered to customers.
FreightShipmentDetail/ HandlingUnits	Optional	Number of individual handling units. Used for unit pricing.
FreightShipmentDetail/ ClientDiscountPercent	Optional	Estimated discount rate provided by the client for an unsecured rate quote.
FreightShipmentDetail/ PalletWeight	Optional	Total weight of pallets used in shipment.
FreightShipmentDetail/ ShipmentDimensions	Optional	Overall shipment dimensions
FreightShipmentDetail/ Comment	Optional	Description for the shipment.
FreightShipmentDetail/ LineItem	Optional	Details of the commodities in the shipment.

Request Element	Required	Description
FreightShipmentLineItem/FreightClass,	Required	Freight class for this line item. Valid values are: CLASS_050 CLASS_055 CLASS_060 CLASS_065 CLASS_070 CLASS_077_5 CLASS_085 CLASS_092_5 CLASS_100 CLASS_110 CLASS_125 CLASS_150 CLASS_175 CLASS_200 CLASS_250 CLASS_300 CLASS_400 CLASS_500

Request Element	Required	Description
FreightShipmentLineItem/Packaging	Optional	Packaging for this commodity or class line. Valid values are: BAG BALE BARREL BASKET BOX BUCKET BUNDLE CAN CARTON CASE COIL CONTAINER CRATE CYLINDER DRUM ENVELOPE HAMPER KEG LOOSE PACK_LIST PAIL PALLET PIECE PIPE POLE REEL ROLL SKID TANK TOTE TRUCK_LOAD TRUNK TUB TUBE
FreightShipmentLineItem/Description	Optional	Customer-provided description for this commodity or class line.
FreightShipmentLineItem/Weight	Optional	Weight for this commodity or class line.
FreightShipmentLineItem/Volume,	Optional	Volume (cubic measure) for this commodity or class line.

Request Element	Required	Description
FreightGuarantee	Optional	Identifies the delivery guarantee type. Valid values are: <ul style="list-style-type: none"> • GUARANTEED_DATE • GUARANTEED_MORNING • GUARANTEED_TIME
FreightServiceScheduling	Optional	Specifies the type of service scheduling offered from a Freight or National Freight Service Center to a customer-supplied address. Valid values are: <ul style="list-style-type: none"> • LIMITED • STANDARD • WILL_CALL
FreightRateDetail	Optional	Rate data specific to FedEx Freight or FedEx National Freight services
FreightRateDetail/ QuoteNumber	Optional	A unique identifier for a specific rate quotation.
FreightRateDetail/ BaseCharges	Optional	Freight charges that will be added to the total base charge for the shipment.
FreightRateDetail/ Notations	Optional	Specify any additional description information on this shipment rating
FreightServiceCenterDetail	Optional	Describes the relationship between a customer-specified address and the FedEx Freight or FedEx National Freight Service Center that supports that address.
FlatbedTrailerOption	Optional	Specify the flatbed trailer options. Valid values are: OVER_DIMENSION TARP
FlatbedTrailerDetail	Optional	Specifies the optional features and characteristics requested for a Freight shipment utilizing a flatbed trailer.

Request Element	Required	Description
ShipmentSpecialServicesRequested SpecialServiceTypes	Optional	Identifies the collection of special freight services. Valid values are: INSIDE_PICKUP INSIDE_DELIVERY EXHIBITION EXTREME_LENGTH FLATBED_TRAILER FREIGHT_GUARANTEE LIFTGATE_DELIVERY LIFTGATE_PICKUP LIMITED_ACCESS_DELIVERY LIMITED_ACCESS_PICKUP PRE_DELIVERY_NOTIFICATION PROTECTION_FROM_FREEZING REGIONAL_MALL_DELIVERY REGIONAL_MALL_PICKUP
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/INSIDE_DELIVERY	Optional	If you choose the Inside Delivery option, this element is required. This element may be used in conjunction with the Inside Pickup option.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/INSIDE_PICKUP	Optional	If you choose the Inside Pickup option, this element is required. This element may be used in conjunction with the Inside Delivery option.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/EXHIBITION	Optional	Freight shipment address and content is for amusement park, trade show, fair, etc.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/EXTREME_LENGTH	Optional	Freight shipment contains shipping unit or piece with excessive length.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/FLATBED_TRAILER	Optional	Freight shipment requires flatbed trailer.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ FREIGHT_GUARANTEE	Optional	Freight shipment has date or date-and-time delivery guarantee. Acceptable options include: GUARANTEED_DATE GUARANTEED_MORNING GUARANTEED_TIME
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ LIFTGATE_DELIVERY	Optional	Freight shipment requires liftgate at delivery address.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/LIFTGATE_PICKUP	Optional	Freight shipment requires liftgate at pickup address.

Request Element	Required	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ LIMITED_ACCESS_DELIVERY	Optional	Freight shipment to be delivered at address with limited access.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ LIMITED_ACCESS_PICKUP	Optional	Freight shipment to be picked up at address with limited access.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ PRE_DELIVERY_NOTIFICATION	Optional	Freight shipment requires notification to consignee prior to delivery.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ PROTECTION_FROM_FREEZING	Optional	Freight shipment requires protection from freezing temperatures.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ REGIONAL_MALL_DELIVERY	Optional	Freight shipment to be delivered at major regional shopping mall.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceType/ REGIONAL_MALL_PICKUP	Optional	Freight shipment to be picked up at major regional shopping mall.

RateReply Elements

The following reply elements are specific to FedEx Freight shipments:

Element	Description
ServiceType	Identifies the type of service used to ship the package. Freight options include: FEDEX_FREIGHT FEDEX_NATIONAL_FREIGHT
ReplyDetails/ FREIGHT_GUARANTEE	Specifies how the freight has been guaranteed for delivery. Valid FedEx Freight values are: <ul style="list-style-type: none"> • GUARANTEED_DATE • GUARANTEED_MORNING • GUARANTEED_TIME
ReplyDetails/FLATBED_TRAILER	Surcharge for a flatbed trailer.
SurchargeType/INSIDE_PICKUP	Surcharge for inside pickup option.
SurchargeType/INSIDE_DELIVERY	Surcharge for inside delivery option.
SurchargeType/EXHIBITION	Surcharge for option.
SurchargeType/EXTREME_LENGTH	Surcharge for option.
SurchargeType/FLATBED	Surcharge for option.

SurchargeType/ FREIGHT_GUARANTEE	Surcharge for option.
SurchargeType/ LIFTGATE_DELIVERY	Surcharge for option.
SurchargeType/LIFTGATE_PICKUP	Surcharge for option.
SurchargeType/ LIMITED_ACCESS_DELIVERY	Surcharge for option.
SurchargeType/ LIMITED_ACCESS_PICKUP	Surcharge for option.
SurchargeType/ PROTECTION_FROM_FREEZING	Surcharge for option.
SurchargeType/ PRE_DELIVERY_NOTIFICATION	Surcharge for option.
SurchargeType/ REGIONAL_MALL_DELIVERY	Surcharge for option.
SurchargeType/ REGIONAL_MALL_PICKUP	Surcharge for option.
SurchargeType/OVER_DIMENSION	Surcharge for option.
SurchargeType/TARP	Surcharge for option.
SurchargeType/METRO_DELIVERY	Surcharge for option.
SurchargeType/METRO_PICKUP	Surcharge for option.
SurchargeType/ISLAND_DELIVERY	Surcharge for option.
SurchargeType/ISLAND_PICKUP	Surcharge for option.
RateDiscountType	The type of rate discount. Valid values are: <ul style="list-style-type: none"> • BONUS • COUPON • EARNED • OTHER • VOLUME

Possible Surcharges

The following list contains possible surcharges returned in the Rate reply for applicable FedEx service options.

Possible Surcharges	
Signature_Option	GST (Global sales tax for Canadian origin)
Home_Delivery_Appointment	DANGEROUS_GOODS
Home_Delivery_Evening	OUT_OF_DELIVERY_AREA
Home_Delivery_Date_Certain	OUT_OF_PICKUP_AREA
Non_Standard_container	offshore
hazardous_materials	INSIDE_DELIVERY
residential	INSIDE_PICKUP
cod	FICE

Possible Surcharges	
saturday_delivery	VAT
saturday_pickup	OFFSHORE
insured_value—FedEx declared value charges are returned in this element. FedEx does not provide insurance of any kind.	EXPORT
oversize	OTHER
return_label	VariableHandlingCharges—If you designate additional handling charges to be added to the rate quote, these charges are returned in the rate reply.
email_label	TotalCustomerCharge—Contains your discounted net freight charge plus the variable handling charge amount.
fedex_tag	Multiweight—For more information regarding Ground Multiweight requirements, see fedex.com/us/services/options/multiweight/groundmultiweight.html
fuel	List Clearance Entry Fee Surcharge for International shipping.
hst (Harmonized sales tax for Canadian origin)	Clearance Entry Fee Surcharge (Discount) for International Shipping.
PST (Provincial sales tax for Canadian origin)	TRANSMIT_SERVICE_FEE
EXHIBITION	LIFTGATE_DELIVERY
EXTREME_LENGTH	LIFTGATE_PICKUP
FLATBED	LIMITED_ACCESS_DELIVERY
FREIGHT_GUARANTEE	LIMITED_ACCESS_PICKUP
REGIONAL_MALL_DELIVERY	PROTECTION_FROM_FREEZING
REGIONAL_MALL_PICKUP	PRE_DELIVERY_NOTIFICATION
OVER_DIMENSION	METRO_PICKUP
TARP	ISLAND_DELIVERY
METRO_DELIVERY	ISLAND_PICKUP

Note: See [Surcharges and Discounts](#) for more information about surcharges and rate calculations.

Rate Surcharge Return

Surcharges are returned in the rate reply and in the ship reply as follows:

- Total surcharge
- Total taxes (for Canadian origin shipments)
- Total discounts
- Itemized surcharge
- Itemized taxes

XML Schema

See [Schema RateService_v7.xsd](#).

Samples

For sample transactions, see the “Appendix N: Sample Transactions” topic of the *Web Services Developer Guide* in the **Support** area of the DRC at fedex.com/developer.

Surcharges and Discounts

Your shipment may incur fees in addition to the base shipping rate depending on the service options you choose. The following are descriptions of those fees that are returned in the rate quote.

Surcharge	Description	Applicable Services
Additional Handling Dimension Surcharge	For FedEx Express, shipment measures greater than 60 inches in length but equal to or less than 108 inches in length. For FedEx Ground, shipment measures greater than 60 inches in length but equal to or less than 108 inches;	FedEx Priority Overnight®, FedEx Standard Overnight®, FedEx 2Day®, FedEx Express Saver®, FedEx Ground U.S Services®, FedEx International Ground Services®
Additional Handling Weight Surcharge	For FedEx Ground or Express, shipment has an actual weight of greater than 70 lbs.	FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver, FedEx Ground U.S Services, FedEx International Ground Services
Additional Handling Packaging Surcharge	For FedEx Express, shipment is not fully encased in an outer shipping container and/or is encased in packing material other than corrugated cardboard. For FedEx Ground, shipment is not fully encased in an outer shipping container and/or is encased in packing material other than corrugated cardboard.	FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver, FedEx Ground U.S Services, FedEx International Ground Services
Broker Select Option	A fee applies to FedEx International Broker Select shipment if you choose to have FedEx complete the delivery after customs clearance and if your recipient and customs broker are served by different FedEx clearance points.	FedEx International Priority®, FedEx International Economy®, FedEx International Priority Freight®, FedEx International Economy Freight®
Courier Pickup Charge	A charge applies when you request a pickup. This charge does not apply if you drop-off your package at a FedEx shipping location or if you have regular scheduled pickups.	

Surcharge	Description	Applicable Services
Dangerous Goods	FedEx assesses a surcharge on each package containing dangerous goods materials. For intra-Canada shipments this surcharge is also based on the type of service provided.	FedEx U.S. Express, Priority Overnight, FedEx First Overnight®, FedEx Economy 2-Day® and FedEx Freight
Declared Value	FedEx liability for each package is limited to US\$100 unless a higher value is declared and paid for. For each package exceeding US\$100 in declared value, an additional amount will be charged. FedEx does not provide insurance of any kind.	FedEx Express and Ground shipments
Delivery Area Surcharge	A delivery area surcharge applies to shipments destined for select U.S. postal codes. (This surcharge does not apply to FedEx Ground Multiweight shipments.) In addition, a delivery area surcharge applies to FedEx Express shipments destined for areas in Alaska that are remote, sparsely populated, or geographically difficult to access.	FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver, FedEx Ground, FedEx Home Delivery®
Dimensional Weight	<p>For FedEx Express shipments: FedEx may assess shipping charges based on the International Air Transport Association (IATA) volume standard. Dimensional weight is calculated by multiplying the length by width by height of each package in inches and dividing the total by 194 (for shipments within the U.S. and shipments between the U.S. and Puerto Rico) or 186 (for international shipments). If the dimensional weight exceeds the actual weight, charges may be assessed based on the dimensional weight. Shipments in FedEx packaging may also be subject to dimensional-weight pricing.</p> <p>For Ground shipments: Dimensional weight may apply to FedEx Ground packages that are 3 cubic feet (5,184 cubic inches) or larger. Multiply the length by width by height of each package in inches. If the total is 5,184 inches or greater, calculate dimensional weight by dividing by 194 (for shipments within the U.S. and Puerto Rico) and 166 (for shipments to Canada).</p>	FedEx Express and FedEx Ground shipments
Duties and Taxes	Duties and taxes, including goods and services tax (GST) and value-added tax (VAT) may be assessed on the contents of the shipment.	FedEx Express International package and freight service
FedEx C.O.D.	If you request FedEx to obtain payment from the recipient at the time the shipment is delivered, an additional surcharge is applied.	FedEx Express and FedEx Ground shipments
FedEx Ground Electronic C.O.D.	A charge applies when you direct FedEx to collect payment from your recipient and deposit it directly into your bank account.	FedEx Ground shipments

Surcharge	Description	Applicable Services
FedEx Delivery Signature Options	FedEx provides five options when you need a signature upon delivery: Indirect Signature Required, Direct Signature Required, Adult Signature Required, Service Default and No Signature Required. Indirect Signature Required. Required is allowed to U.S. residential addresses only. Direct Signature Required is allowed to U.S. addresses and when shipping FedEx Ground to Canadian addresses. Adult Signature Required is allowed to U.S. addresses. Service Default tells the courier to perform the customer's usual request for signature collection.	U.S. Domestic FedEx Express shipments to U.S. addresses and FedEx U.S. Ground shipments to U.S. and Canadian addresses
FedEx Email Return Label	A charge applies in addition to shipping charges once the recipient uses the return label. This service is only available for U.S. shipments.	FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx U.S. Ground Services, FedEx 2Day Freight, FedEx 3Day Freight®
FedEx ExpressTag	A charge applies in addition to shipping charges when FedEx picks up the package for return at your recipient's location. This service is only available for U.S. shipments.	FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day
FedEx Ground Alternate Pickup Address	FedEx may provide pickup service to an address other than the shipping location associated with the FedEx Ground account number.	FedEx U.S. Ground Services (U.S. and Canada)
FedEx Ground Call Tag	A charge applies in addition to shipping charges when FedEx picks up the packages for return at your recipient's location. This service is only available for U.S. shipments.	FedEx Ground, FedEx Home Delivery
FedEx Home Delivery Premium Service Upgrades	You can choose FedEx Home Delivery premium service upgrades: 1) FedEx Date Certain Home Delivery, 2) FedEx Evening Home Delivery, 3) FedEx Appointment Home Delivery.	FedEx Home Delivery
FedEx International Controlled Export (FICE)	A charge applies when you select FICE for shipments moving under a U.S. State Department (DSP) license or under U.S. Drug Enforcement Administration permits 36, 236, and 486. This charge also applies for inbound shipments moving under a transportation and exportation customs form (CF7512) from a foreign trade zone or bonded warehouse.	FedEx International Priority, FedEx International Priority Freight

Surcharge	Description	Applicable Services
FedEx Print Return Label	A charge applies in addition to shipping charges once the recipient has used the return label. This service is only available for U.S. shipments.	FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx Ground U.S., FedEx 2Day Freight, FedEx 3Day Freight
Inside Delivery/Inside Pickup Charge	When requested, FedEx may move shipments to positions beyond the adjacent loading area.	FedEx Express® Freight
FedEx Freight Special Services	When requested, a surcharge will be applied to the FedEx Freight special services.	FedEx Express Freight
Extended Service Area Delivery/Pickup	Shipments delivered to or picked up from points outside the FedEx primary service area are assessed an extended service area delivery charge. In addition, delivery or pickup from select highly congested metro area postal codes will be assessed a metro service area charge.	Intra-Canada Express
Oversize Charge	<p>FedEx Express: The maximum limits for FedEx Express U.S. packages are 150 lbs. and 119 inches in length and 165 inches in length and girth. Packages that weigh 150 lbs. or less and exceed 108 inches in length or 130 inches in length and girth are considered “oversize” packages. Oversize packages are rated based on the greater of the package’s actual rounded weight or dimensional weight.</p> <p>Ground: A package weighing 150 lbs. or less and measuring greater than 130 inches in length and girth is classified as an oversize package. The shipping charges for an oversize package are based on the greater of the package’s actual rounded weight or its dimensional weight.</p> <p>Home Delivery: The shipping charge for any package with a dimensional weight of greater than 70 lbs. is the same as a FedEx Ground package of the corresponding dimensional weight being shipped under the same circumstances.</p>	FedEx Express U.S. Ground and Home Delivery
Residential Surcharge	A residential package surcharge applies to shipments to a home or private residence, including locations where a business is operated from a home.	FedEx U.S. Express and FedEx Ground U.S., International Ground service (Canada only), FedEx U.S. Express Freight services, FedEx International Premium
Rural Delivery (Alaska and Hawaii)	A surcharge applies for delivery to select rural postal codes in Alaska and Hawaii.	FedEx Ground U.S.

Surcharge	Description	Applicable Services
Saturday Delivery/ Saturday Pickup	Saturday Service is available for an additional charge depending on the package service type and origin/destination pair.	FedEx Priority Overnight, FedEx 2Day, FedEx International Priority, FedEx 1Day® Freight, FedEx 2Day Freight
Dry Ice Surcharge	A surcharge will be applied for dry-ice packaging.	International Priority and Economy services
Fuel Surcharge	<p>The fuel surcharge percentage for FedEx Express services is subject to monthly adjustment based on a rounded average of the U.S. Gulf Coast (USGC) spot price for a gallon of kerosene-type jet fuel.</p> <p>The fuel surcharge percentage for FedEx Ground services is subject to monthly adjustment based on a rounded average of the national U.S. on-highway average price for a gallon of diesel fuel.</p>	FedEx Express, Ground, and Home Delivery

Note: For more information about FedEx terms and conditions, including surcharges, see fedex.com/us/services/terms/.

FedEx Discount Programs

The following discount programs are offered by FedEx and are calculated in your rate quote:

Discount Program	Description
FedEx Ground Multiweight	<p>FedEx Ground Multiweight is ideal for multiple-package shipments moving as one unit to the same destination on the same day. This pricing option allows you to combine packages for a multiweight rate. Pricing is based on the combined weight of your packages. For more information regarding Ground Multiweight requirements, see fedex.com/us/services/options/multipiece/groundmultiweight.html.</p> <p>Note: To help calculate multiweight discounts, you can download the FedEx Ground Multiweight utility at: fedex.com/us/solutions/multiweight.</p>
Earned Discounts Pricing Program	The Earned Discounts Pricing Program awards discounts when you meet predetermined revenue levels and/or shipping criteria. You earn additional discounts as you increase shipping activity or due to specific shipment characteristics.

Note: For more information on pricing programs, contact your FedEx account executive.

Schema RateService_v7.xsd

The following pages describe the RateService schema.

WSDL RateService_v7.wsdl

WSDL location:

targetnamespace: <http://fedex.com/ws/rate/v7>

services

[RateService](#)

messages

[RateReply](#)

[RateRequest](#)

types

[AdditionalLabelsDetail](#)

[AdditionalLabelsType](#)

[Address](#)

[B13AFilingOptionType](#)

[BarcodeSymbologyType](#)

[CarrierCodeType](#)

[CertificateOfOriginDetail](#)

[ClearanceBrokerageType](#)

[ClientDetail](#)

[CodAddTransportationChargesType](#)

[CodCollectionType](#)

[CodDetail](#)

[CodReturnReferenceIndicatorType](#)

[CommercialInvoice](#)

[CommercialInvoiceDetail](#)

[CommitDetail](#)

[CommitmentDelayType](#)

[Commodity](#)

[ConfigurableLabelReferenceEntry](#)

[Contact](#)

[ContactAndAddress](#)

[ContentRecord](#)

[CurrencyExchangeRate](#)

[CustomerImageUsage](#)

[CustomerImageUsageType](#)

[CustomerProvidedImage](#)

[CustomerReference](#)

[CustomerReferenceType](#)

[CustomerSpecifiedLabelDetail](#)

[CustomLabelBarcodeEntry](#)

[CustomLabelBoxEntry](#)

[CustomLabelCoordinateUnits](#)

[CustomLabelDetail](#)

[CustomLabelGraphicEntry](#)

[CustomLabelPosition](#)

[CustomLabelTextEntry](#)

[DangerousGoodsAccessibilityType](#)

[DangerousGoodsDetail](#)

[DateRange](#)

[DayOfWeekType](#)

[DelayDetail](#)
[DelayLevelType](#)
[DelayPointType](#)
[DestinationControlDetail](#)
[DestinationControlStatementType](#)
[Dimensions](#)
[Distance](#)
[DistanceUnits](#)
[DocTabContent](#)
[DocTabContentBarcoded](#)
[DocTabContentType](#)
[DocTabContentZone001](#)
[DocTabZoneJustificationType](#)
[DocTabZoneSpecification](#)
[DropoffType](#)
[EdtCommodityTax](#)
[EdtExciseCondition](#)
[EdtRequestType](#)
[EdtTaxDetail](#)
[EdtTaxType](#)
[EMailLabelDetail](#)
[EMailNotificationDetail](#)
[EMailNotificationFormatType](#)
[EMailNotificationRecipient](#)
[EMailNotificationRecipientType](#)
[EtdDetail](#)
[ExportDetail](#)
[ExpressFreightDetail](#)
[ExpressFreightDetailContact](#)
[ExpressRegionCode](#)
[FlatbedTrailerDetail](#)
[FlatbedTrailerOption](#)
[FreightAccountPaymentType](#)
[FreightBaseCharge](#)
[FreightChargeBasisType](#)
[FreightClassType](#)
[FreightCommitDetail](#)
[FreightGuaranteeDetail](#)
[FreightGuaranteeType](#)
[FreightRateDetail](#)
[FreightRateNotation](#)
[FreightServiceCenterDetail](#)
[FreightServiceSchedulingType](#)
[FreightShipmentDetail](#)
[FreightShipmentLineItem](#)
[FreightShipmentRoleType](#)

[GeneralAgencyAgreementDetail](#)
[HazMatCertificateData](#)
[HoldAtLocationDetail](#)
[HomeDeliveryPremiumDetail](#)
[HomeDeliveryPremiumType](#)
[InternationalDetail](#)
[InternationalDocumentContentType](#)
[LabelFormatType](#)
[LabelMaskableDataType](#)
[LabelPrintingOrientationType](#)
[LabelRotationType](#)
[LabelSpecification](#)
[LabelStockType](#)
[LinearUnits](#)
[Localization](#)
[Measure](#)
[MinimumChargeType](#)
[Money](#)
[NaftaCertificateOfOriginDetail](#)
[NaftaCommodityDetail](#)
[NaftaImporterSpecificationType](#)
[NaftaNetCostMethodCode](#)
[NaftaPreferenceCriterionCode](#)
[NaftaProducer](#)
[NaftaProducerDeterminationCode](#)
[NaftaProducerSpecificationType](#)
[Notification](#)
[NotificationParameter](#)
[NotificationSeverityType](#)
[OversizeClassType](#)
[PackageRateDetail](#)
[PackageSpecialServicesRequested](#)
[PackageSpecialServiceType](#)
[PackagingType](#)
[Party](#)
[Payment](#)
[PaymentType](#)
[Payor](#)
[PendingShipmentDetail](#)
[PendingShipmentType](#)
[PhysicalPackagingType](#)
[PickupDetail](#)
[PickupRequestSourceType](#)
[PickupRequestType](#)
[PricingCodeType](#)
[PriorityAlertDetail](#)

[PurposeOfShipmentType](#)
[RateDiscount](#)
[RateDiscountType](#)
[RatedPackageDetail](#)
[RatedShipmentDetail](#)
[RatedWeightMethod](#)
[RateReply](#)
[RateReply](#)
[RateReplyDetail](#)
[RateRequest](#)
[RateRequest](#)
[RateRequestType](#)
[Rebate](#)
[RebateType](#)
[RecipientCustomsIdType](#)
[RegulatoryControlType](#)
[RequestedPackageDetailType](#)
[RequestedPackageLineItem](#)
[RequestedShipment](#)
[RequestedShippingDocumentType](#)
[RequiredShippingDocumentType](#)
[ReturnedRateType](#)
[ReturnEMailAllowedSpecialServiceType](#)
[ReturnEMailDetail](#)
[ReturnShipmentDetail](#)
[ReturnType](#)
[Rma](#)
[ServiceOptionType](#)
[ServiceSubOptionDetail](#)
[ServiceType](#)
[ShipmentDryIceDetail](#)
[ShipmentRateDetail](#)
[ShipmentSpecialServicesRequested](#)
[ShipmentSpecialServiceType](#)
[ShippingDocumentFormat](#)
[ShippingDocumentImageType](#)
[ShippingDocumentSpecification](#)
[ShippingDocumentStockType](#)
[SignatureOptionDetail](#)
[SignatureOptionType](#)
[SmartPostAncillaryEndorsementType](#)
[SmartPostIndiciaType](#)
[SmartPostShipmentDetail](#)
[SmartPostShipmentSpecialServiceType](#)
[SpecialRatingAppliedType](#)
[Surcharge](#)

[SurchargeLevelType](#)
[SurchargeType](#)
[Tax](#)
[TaxpayerIdentification](#)
[TaxType](#)
[TermsOfSaleType](#)
[TinType](#)
[TrackingId](#)
[TrackingIdType](#)
[TransactionDetail](#)
[TransitTimeType](#)
[UploadDocumentDetail](#)
[UploadDocumentIdProducer](#)
[UploadDocumentProducerType](#)
[UploadDocumentReferenceDetail](#)
[UploadDocumentType](#)
[VariableHandlingChargeDetail](#)
[VariableHandlingCharges](#)
[VariableHandlingChargeType](#)
[VersionId](#)
[Volume](#)
[VolumeUnits](#)
[WebAuthenticationCredential](#)
[WebAuthenticationDetail](#)
[Weight](#)
[WeightUnits](#)

service **RateService**

diagram	
source	<pre> <service name="RateService"> <port name="RateServicePort" binding="ns:RateServiceSoapBinding"> <s1:address location="https://gatewaybeta.fedex.com:443/web-services/rate"/> </port> </service> </pre>

message **RateRequest**

parts	RateRequest element ns:RateRequest
used by	Operation getRates in PortType RatePortType
source	<pre> <message name="RateRequest"> <part name="RateRequest" element="ns:RateRequest"/> </pre>

	<code></message></code>
--	-------------------------------

message **RateReply**

parts	RateReply element ns:RateReply
used by	Operation getRates in PortType RatePortType
source	<code><message name="RateReply"> <part name="RateReply" element="ns:RateReply"/> </message></code>

complexType **AdditionalLabelsDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Type ns:Count
used by	element CustomerSpecifiedLabelDetail/AdditionalLabels
annotation	documentation ???
source	<pre> <xs:complexType name="AdditionalLabelsDetail"> <xs:annotation> <xs:documentation>???</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:AdditionalLabelsType" minOccurs="0"> <xs:annotation> <xs:documentation>???</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>???</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Address

diagram	<p>Address The descriptive data for a physical location.</p> <ul style="list-style-type: none"> ns:StreetLines 0..2 Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included. ns:City Name of city, town, etc. ns:StateOrProvinceCode Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country. ns:PostalCode Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country. This element is required if both the City and StateOrProvinceCode are not present. ns:UrbanizationCode Relevant only to addresses in Puerto Rico. In Puerto Rico, multiple addresses within the same ZIP code can have the same house number and street name. When this is the case, the urbanization code is needed to distinguish them. ns:CountryCode Identification of a country. ns:Residential Indicates whether this address is residential (as opposed to commercial).
namespace	http://fedex.com/ws/rate/v7
children	ns:StreetLines ns:City ns:StateOrProvinceCode ns:PostalCode ns:UrbanizationCode ns:CountryCode ns:Residential
used by	elements ContactAndAddress/Address Party/Address HoldAtLocationDetail/Address CommitDetail/BrokerAddress FreightShipmentDetail/FedExFreightBillingAddress FreightShipmentDetail/FedExNationalFreightBillingAddress
annotation	documentation The descriptive data for a physical location.
source	<pre> <xs:complexType name="Address"> <xs:annotation> <xs:documentation>The descriptive data for a physical location.</xs:documentation> </xs:annotation> </pre>

```

<xs:sequence>
  <xs:element name="StreetLines" type="xs:string" minOccurs="0" maxOccurs="2">
    <xs:annotation>
      <xs:documentation>Combination of number, street name, etc. At least one line is required for
a valid physical address; empty lines should not be included.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>35</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
  <xs:element name="City" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Name of city, town, etc.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>
        <ns:Express>35</ns:Express>
        <ns:Ground>20</ns:Ground>
      </xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
  <xs:element name="StateOrProvinceCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identifying abbreviation for US state, Canada province, etc. Format and
presence of this field will vary, depending on country.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>2</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
  <xs:element name="PostalCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Identification of a region (usually small) for mail/package delivery. Format
and presence of this field will vary, depending on country. This element is required if both the City
and StateOrProvinceCode are not present.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>16</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
  <xs:element name="UrbanizationCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Relevant only to addresses in Puerto Rico. In Puerto Rico, multiple
addresses within the same ZIP code can have the same house number and street name. When
this is the case, the urbanization code is needed to distinguish them.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CountryCode" type="xs:string">
    <xs:annotation>
      <xs:documentation>Identification of a country.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>2</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
  <xs:element name="Residential" type="xs:boolean" minOccurs="0">

```

	<pre> <xs:annotation> <xs:documentation>Indicates whether this address is residential (as opposed to commercial).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **CertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:DocumentFormat ns:CustomerImageUsages
used by	element ShippingDocumentSpecification/CertificateOfOrigin
annotation	documentation ?
source	<pre> <xs:complexType name="CertificateOfOriginDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="DocumentFormat" type="ns:ShippingDocumentFormat" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType ClientDetail

diagram	<p>ClientDetail Descriptive data identifying the client submitting the transaction.</p> <p>ns:AccountNumber The FedEx account number assigned to the customer initiating the request.</p> <p>ns:MeterNumber Identifies the unique client device submitting the request. This number is assigned by FedEx and identifies the unique device from which the request is originating.</p> <p>ns:IntegratorId Only used in transactions which require identification of the Fed Ex Office integrator.</p> <p>ns:Region Indicates the region from which the transaction is submitted.</p> <p>ns:Localization Governs any future language/translations used for human-readable Notification.localizedMessages in responses to the requests containing this ClientDetail object. Different requests from the same client may contain different Localization data. (Contrast with TransactionDetail.localization, which governs data payload language/translation.)</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:AccountNumber ns:MeterNumber ns:IntegratorId ns:Region ns:Localization
used by	element RateRequest/ClientDetail
annotation	documentation Descriptive data identifying the client submitting the transaction.
source	<pre> <xs:complexType name="ClientDetail"> <xs:annotation> <xs:documentation>Descriptive data identifying the client submitting the transaction.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="AccountNumber" type="xs:string"> <xs:annotation> <xs:documentation>The FedEx account number assigned to the customer initiating the request.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>12</xs:MaxLength> </xs:appinfo> </xs:element> </xs:sequence> </xs:complexType> </pre>

```

</xs:element>
<xs:element name="MeterNumber" type="xs:string">
  <xs:annotation>
    <xs:documentation>Identifies the unique client device submitting the request. This number is
assigned by FedEx and identifies the unique device from which the request is
originating.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>10</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
<xs:element name="IntegratorId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Only used in transactions which require identification of the Fed Ex Office
integrator.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Region" type="ns:ExpressRegionCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates the region from which the transaction is
submitted.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Localization" type="ns:Localization" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Governs any future language/translations used for human-readable
Notification.localizedMessages in responses to the request containing this ClientDetail object.
Different requests from the same client may contain different Localization data. (Contrast with
TransactionDetail.localization, which governs data payload
language/translation.)</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType CodDetail

diagram	<p>CodDetail Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.</p> <p>ns:AddTransportationCharges Identifies if freight charges are to be added to the COD amount. This element determines which freight charges should be added to the COD collect amount. See CodAddTransportationChargesType for the list of valid enumerated values.</p> <p>ns:CollectionType Identifies the type of funds FedEx should collect upon package delivery. See CodCollectionType for the list of valid enumerated values.</p> <p>ns:CodRecipient Descriptive data about the recipient of the COD shipment.</p> <p>ns:ReferenceIndicator Indicates which type of reference information to include on the COD return shipping label.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:AddTransportationCharges ns:CollectionType ns:CodRecipient ns:ReferenceIndicator
used by	element ShipmentSpecialServicesRequested/CodDetail
annotation	<p>documentation</p> <p>Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.</p>
source	<pre> <xs:complexType name="CodDetail"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="AddTransportationCharges" type="ns:CodAddTransportationChargesType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies if freight charges are to be added to the COD amount. This element determines which freight charges should be added to the COD collect amount. See CodAddTransportationChargesType for the list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CollectionType" type="ns:CodCollectionType"> <xs:annotation> <xs:documentation>Identifies the type of funds FedEx should collect upon package delivery. See CodCollectionType for the list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CodRecipient" type="ns:Party" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data about the recipient of the COD shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

```

</xs:annotation>
</xs:element>
<xs:element name="ReferenceIndicator" type="ns:CodReturnReferenceIndicatorType"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates which type of reference information to include on the COD
return shipping label.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType CommercialInvoice

diagram

CommercialInvoice

CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through FedEx System. Customers are responsible for printing their own Commercial Invoice. Commercial Invoice support consists of a maximum of 99 commodity line items.

ns:Comments

0..99

Commercial Invoice comments to be uploaded to customs.

ns:FreightCharge

Format: Two explicit decimal positions max length 19 including decimal.

Required if Terms Of Sale is CFR or CIF.

This charge should be added to the total customs value amount.

ns:TaxesOrMiscellaneousChar...

Format: Two explicit decimal positions max length 19 including decimal.
This charge should be added to the total customs value amount.

ns:Purpose

Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.

ns:PurposeOfShipmentDescript...

Descriptive text for the purpose of the shipment.

ns:CustomerInvoiceNumber

Customer assigned invoice number.

ns:TermsOfSale

Defines the terms of the sale.

namespace	http://fedex.com/ws/rate/v7
children	ns:Comments ns:FreightCharge ns:TaxesOrMiscellaneousCharge ns:Purpose ns:PurposeOfShipmentDescription ns:CustomerInvoiceNumber ns:TermsOfSale
used by	element InternationalDetail/CommercialInvoice
annotation	documentation CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through FedEx System. Customers are responsible for printing their own Commercial Invoice. Commercial Invoice support consists of a maximum of 99 commodity line items.
source	<pre> <xs:complexType name="CommercialInvoice"> <xs:annotation> <xs:documentation>CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through FedEx System. Customers are responsible for printing their own Commercial Invoice. Commercial Invoice support consists of a maximum of 99 commodity line items.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Comments" type="xs:string" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Commercial Invoice comments to be uploaded to customs.</xs:documentation> <xs:appinfo> <xs:MaxLength>444</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="FreightCharge" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation> Format: Two explicit decimal positions max length 19 including decimal. Required if Terms Of Sale is CFR or CIF. This charge should be added to the total customs value amount. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TaxesOrMiscellaneousCharge" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation> Format: Two explicit decimal positions max length 19 including decimal. This charge should be added to the total customs value amount. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Purpose" type="ns:PurposeOfShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PurposeOfShipmentDescription" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive text for the purpose of the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerInvoiceNumber" type="xs:string" minOccurs="0"> <xs:annotation> </pre>

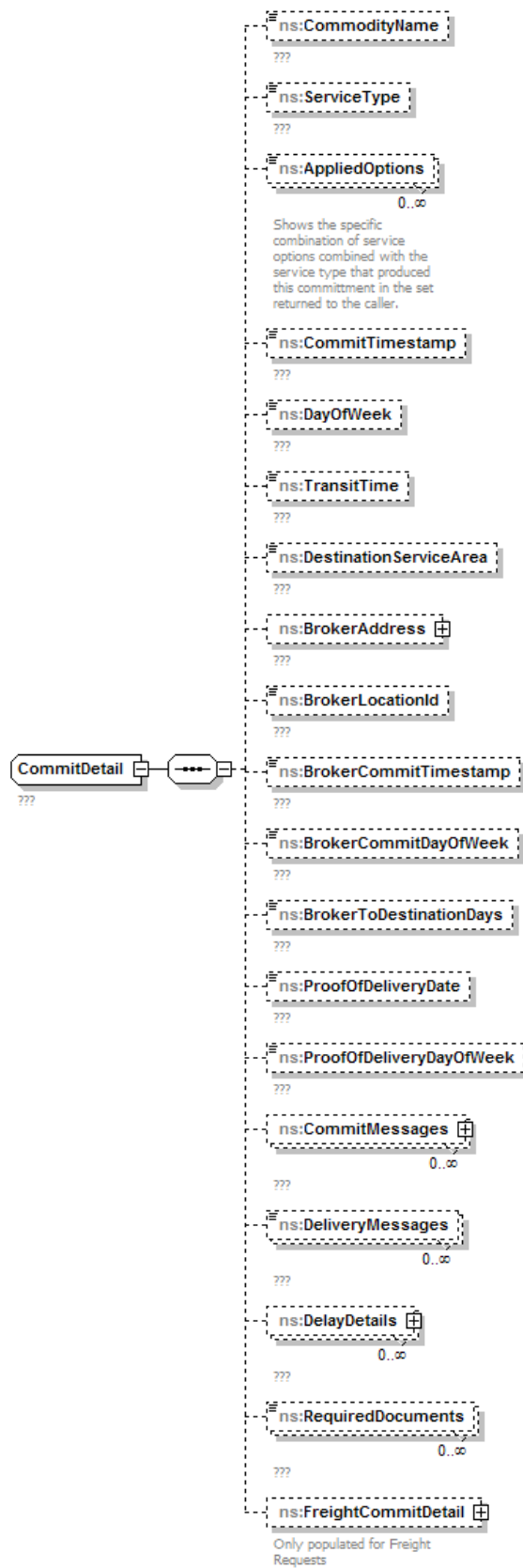
	<pre> <xs:documentation>Customer assigned invoice number.</xs:documentation> <xs:appinfo> <xs:MaxLength>15</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="TermsOfSale" type="ns:TermsOfSaleType" minOccurs="0"> <xs:annotation> <xs:documentation>Defines the terms of the sale.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **CommercialInvoiceDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Format ns:CustomerImageUsages
used by	element ShippingDocumentSpecification/CommercialInvoiceDetail
source	<pre> <xs:complexType name="CommercialInvoiceDetail"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType CommitDetail

diagram



namespace	http://fedex.com/ws/rate/v7
children	ns:CommodityName ns:ServiceType ns:AppliedOptions ns:CommitTimestamp ns:DayOfWeek ns:TransitTime ns:DestinationServiceArea ns:BrokerAddress ns:BrokerLocationId ns:BrokerCommitTimestamp ns:BrokerCommitDayOfWeek ns:BrokerToDestinationDays ns:ProofOfDeliveryDate ns:ProofOfDeliveryDayOfWeek ns:CommitMessages ns:DeliveryMessages ns:DelayDetails ns:RequiredDocuments ns:FreightCommitDetail
used by	element RateReplyDetail/CommitDetails
annotation	documentation ???
source	<pre> <xs:complexType name="CommitDetail"> <xs:annotation> <xs:documentation>??? </pre>

```

<xs:element name="BrokerLocationId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>???

```

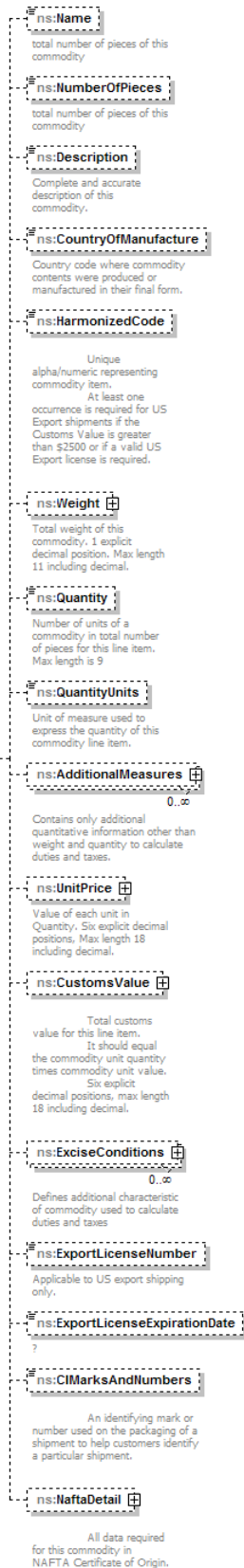
	<pre><xs:documentation>Only populated for Freight Requests</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>
--	---

complexType Commodity

diagram

Commodity

For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction.
If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request.



namespace	http://fedex.com/ws/rate/v7
children	ns:Name ns:NumberOfPieces ns:Description ns:CountryOfManufacture ns:HarmonizedCode ns:Weight ns:Quantity ns:QuantityUnits ns:AdditionalMeasures ns:UnitPrice ns:CustomsValue ns:ExciseConditions ns:ExportLicenseNumber ns:ExportLicenseExpirationDate ns:CIMarksAndNumbers ns:NaftaDetail
used by	element InternationalDetail/Commodities
annotation	documentation <p>For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction.</p> <p>If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request.</p>
source	<pre> <xs:complexType name="Commodity"> <xs:annotation> <xs:documentation> For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction. If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request. </xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Name" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>total number of pieces of this commodity</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfPieces" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>total number of pieces of this commodity</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Complete and accurate description of this commodity.</xs:documentation> <xs:appinfo> <xs:MaxLength>450</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="CountryOfManufacture" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Country code where commodity contents were produced or manufactured in their final form.</xs:documentation> <xs:appinfo> <xs:MaxLength>2</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="HarmonizedCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation> Unique alpha/numeric representing commodity item. At least one occurrence is required for US Export shipments if the Customs Value is </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

greater than \$2500 or if a valid US Export license is required.

```
</xs:documentation>
<xs:appinfo>
  <xs:MaxLength>14</xs:MaxLength>
</xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="Weight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total weight of this commodity. 1 explicit decimal position. Max length 11
including decimal.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Quantity" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of units of a commodity in total number of pieces for this line
item. Max length is 9</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuantityUnits" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Unit of measure used to express the quantity of this commodity line
item.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>3</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="AdditionalMeasures" type="ns:Measure" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Contains only additional quantitative information other than weight and
quantity to calculate duties and taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="UnitPrice" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Value of each unit in Quantity. Six explicit decimal positions, Max length
18 including decimal.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsValue" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      Total customs value for this line item.
      It should equal the commodity unit quantity times commodity unit value.
      Six explicit decimal positions, max length 18 including decimal.
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExciseConditions" type="ns:EdtExciseCondition" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines additional characteristic of commodity used to calculate duties
and taxes</xs:documentation>
  </xs:annotation>
```

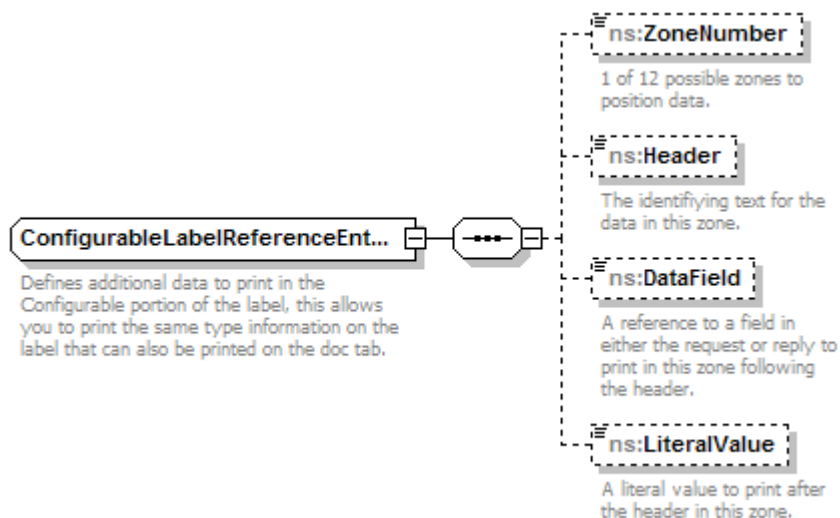
```

</xs:element>
<xs:element name="ExportLicenseNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Applicable to US export shipping only.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>12</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
<xs:element name="ExportLicenseExpirationDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CIMarksAndNumbers" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      An identifying mark or number used on the packaging of a shipment to help customers
      identify a particular shipment.
    </xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>15</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
<xs:element name="NaftaDetail" type="ns:NaftaCommodityDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>
      All data required for this commodity in NAFTA Certificate of Origin.
    </xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType ConfigurableLabelReferenceEntry

diagram



namespace	http://fedex.com/ws/rate/v7
children	ns:ZoneNumber ns:Header ns:DataField ns:LiteralValue
used by	element CustomerSpecifiedLabelDetail/ConfigurableReferenceEntries
annotation	documentation Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.
source	<pre> <xs:complexType name="ConfigurableLabelReferenceEntry"> <xs:annotation> <xs:documentation>Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ZoneNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>1 of 12 possible zones to position data.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Header" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The identifying text for the data in this zone.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DataField" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A reference to a field in either the request or reply to print in this zone following the header.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LiteralValue" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A literal value to print after the header in this zone.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Contact

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:PersonName ns:Title ns:CompanyName ns:PhoneNumber ns:PhoneExtension ns:PagerNumber ns:FaxNumber ns:EmailAddress
used by	elements ContactAndAddress/Contact Party/Contact NaftaCertificateOfOriginDetail/SignatureContact
annotation	documentation The descriptive data for a point-of-contact person.
source	<pre> <xs:complexType name="Contact"> <xs:annotation> <xs:documentation>The descriptive data for a point-of-contact person.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PersonName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the contact person's name.</xs:documentation> <xs:appinfo> <xs:MaxLength>35</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Title" type="xs:string" minOccurs="0"> </pre>

```

<xs:annotation>
  <xs:documentation>Identifies the contact person's title.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="CompanyName" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's company name.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>35</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="PhoneNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's phone number.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>15</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="PhoneExtension" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's phone number
extension.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PagerNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's pager number.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>15</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="FaxNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's fax machine phone
number.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>15</xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="EmailAddress" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies the contact person's email address.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>
      <ns:Express>120</ns:Express>
      <ns:Ground>35</ns:Ground>
    </xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
</xs:sequence>

```

	</xs:complexType>
--	-------------------

complexType **ContactAndAddress**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Contact ns:Address
used by	elements RequestedShipment/Origin LabelSpecification/PrintedLabelOrigin
source	<pre> <xs:complexType name="ContactAndAddress"> <xs:sequence> <xs:element name="Contact" type="ns:Contact" minOccurs="0"/> <xs:element name="Address" type="ns:Address" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **ContentRecord**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:PartNumber ns:ItemNumber ns:ReceivedQuantity ns:Description
used by	element RequestedPackageLineItem/ContentRecords
annotation	documentation ??
source	<pre> <xs:complexType name="ContentRecord"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PartNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>???</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ItemNumber" type="xs:string" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>???</pre>
	<pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>???</pre>
	<pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>???</pre>
	<pre> </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **CurrencyExchangeRate**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:FromCurrency ns:IntoCurrency ns:Rate
used by	element ShipmentRateDetail/CurrencyExchangeRate
annotation	documentation Specifies the currency exchange performed on financial amounts for this rate.
source	<pre> <xs:complexType name="CurrencyExchangeRate"> <xs:annotation> <xs:documentation>Specifies the currency exchange performed on financial amounts for this rate.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="FromCurrency" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The currency code for the original (converted FROM) currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="IntoCurrency" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The currency code for the final (converted INTO) </pre>

	<pre> currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Rate" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>Multiplier used to convert fromCurrency units to intoCurrency units.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType CustomLabelBarcodeEntry

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Position ns:Format ns>DataFields ns:BarHeight ns:ThinBarWidth ns:BarcodeSymbology
used by	element CustomLabelDetail/BarcodeEntries
source	<pre> <xs:complexType name="CustomLabelBarcodeEntry"> <xs:sequence> <xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/> <xs:element name="Format" type="xs:string" minOccurs="0"/> <xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="BarHeight" type="xs:int" minOccurs="0"/> <xs:element name="ThinBarWidth" type="xs:int" minOccurs="0"/> <xs:element name="BarcodeSymbology" type="ns:BarcodeSymbologyType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType CustomLabelBoxEntry

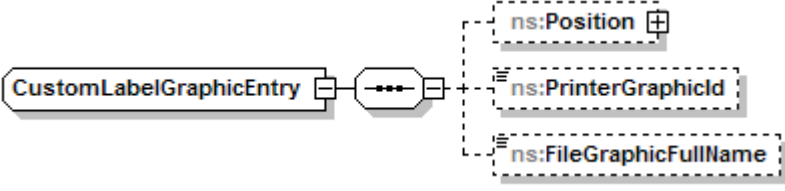
diagram	
namespace	http://fedex.com/ws/rate/v7

children	ns:TopLeftCorner ns:BottomRightCorner
used by	element CustomLabelDetail/BoxEntries
source	<pre> <xs:complexType name="CustomLabelBoxEntry"> <xs:sequence> <xs:element name="TopLeftCorner" type="ns:CustomLabelPosition"/> <xs:element name="BottomRightCorner" type="ns:CustomLabelPosition"/> </xs:sequence> </xs:complexType> </pre>

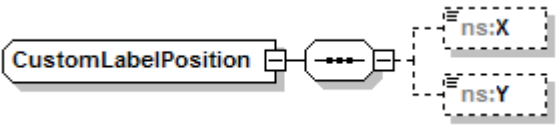
complexType CustomLabelDetail

diagram	<pre> sequenceDiagram participant C as CustomLabelDetail C--> CU[ns:CoordinateUnits] C--> TE[ns:TextEntries 0..∞] C--> GE[ns:GraphicEntries 0..∞] C--> BE[ns:BoxEntries 0..∞] C--> BC[ns:BarcodeEntries 0..∞] </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:CoordinateUnits ns:TextEntries ns:GraphicEntries ns:BoxEntries ns:BarcodeEntries
used by	element CustomerSpecifiedLabelDetail/CustomContent
source	<pre> <xs:complexType name="CustomLabelDetail"> <xs:sequence> <xs:element name="CoordinateUnits" type="ns:CustomLabelCoordinateUnits" minOccurs="0"/> <xs:element name="TextEntries" type="ns:CustomLabelTextEntry" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="GraphicEntries" type="ns:CustomLabelGraphicEntry" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="BoxEntries" type="ns:CustomLabelBoxEntry" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="BarcodeEntries" type="ns:CustomLabelBarcodeEntry" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

complexType CustomLabelGraphicEntry

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Position ns:PrinterGraphicId ns:FileGraphicFullName
used by	element CustomLabelDetail/GraphicEntries
source	<pre> <xs:complexType name="CustomLabelGraphicEntry"> <xs:sequence> <xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/> <xs:element name="PrinterGraphicId" type="xs:string" minOccurs="0"/> <xs:element name="FileGraphicFullName" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

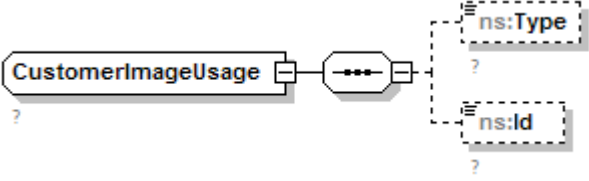
complexType CustomLabelPosition

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:X ns:Y
used by	elements CustomLabelBoxEntry/BottomRightCorner CustomLabelBarcodeEntry/Position CustomLabelGraphicEntry/Position CustomLabelTextEntry/Position CustomLabelBoxEntry/TopLeftCorner
source	<pre> <xs:complexType name="CustomLabelPosition"> <xs:sequence> <xs:element name="X" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="Y" type="xs:nonNegativeInteger" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

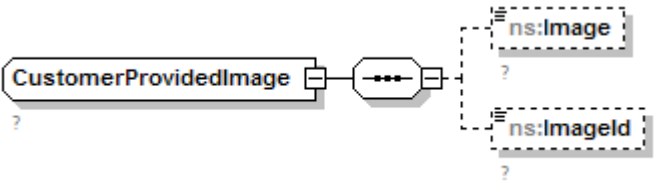
complexType CustomLabelTextEntry

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Position ns:Format ns>DataFields ns:ThermalFontId ns:FontName ns:FontSize
used by	element CustomLabelDetail/TextEntries
source	<pre> <xs:complexType name="CustomLabelTextEntry"> <xs:sequence> <xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/> <xs:element name="Format" type="xs:string" minOccurs="0"/> <xs:element name="DataFields" type="xs:string" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="ThermalFontId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Printer-specific font name for use with thermal printer labels.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FontName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Generic font name for use with plain paper labels.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FontSize" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Generic font size for use with plain paper labels.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType CustomerImageUsage

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Type ns:Id
used by	elements CommercialInvoiceDetail/CustomerImageUsages NaftaCertificateOfOriginDetail/CustomerImageUsages CertificateOfOriginDetail/CustomerImageUsages
annotation	documentation ?
source	<pre> <xs:complexType name="CustomerImageUsage"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:CustomerImageUsageType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Id" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType CustomerProvidedImage

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Image ns:ImageId
used by	element ShippingDocumentSpecification/CustomerProvidedImages
annotation	documentation ?
source	<pre> <xs:complexType name="CustomerProvidedImage"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Image" type="xs:base64Binary" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ImageId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType CustomerReference

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:CustomerReferenceType ns:Value
used by	element RequestedPackageLineItem/CustomerReferences
annotation	documentation Reference information to be associated with this package.
source	<pre> <xs:complexType name="CustomerReference"> <xs:annotation> <xs:documentation>Reference information to be associated with this package.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="CustomerReferenceType" type="ns:CustomerReferenceType"> <xs:annotation> <xs:documentation>The reference type to be associated with this reference data.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:string"/> </xs:sequence> </xs:complexType> </pre>

complexType CustomerSpecifiedLabelDetail

diagram	<p>CustomerSpecifiedLabelDetail Allows customer-specified control of label content.</p> <ul style="list-style-type: none"> ns:DocTabContent If omitted, no doc tab will be produced (i.e. default = former NONE type). 0..∞ ns:CustomContent Defines any custom content to print on the label. 0..∞ ns:ConfigurableReferenceEntri... Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab. 0..∞ ns:MaskedData Data to exclude from printing on the label. 0..∞ ns:TermsAndConditionsLocali... The language to use when printing the terms and conditions on the label. 0..∞ ns:AdditionalLabels 0..∞ ns:AirWaybillSuppressionCount ???
namespace	http://fedex.com/ws/rate/v7
children	ns:DocTabContent ns:CustomContent ns:ConfigurableReferenceEntries ns:MaskedData ns:TermsAndConditionsLocalization ns:AdditionalLabels ns:AirWaybillSuppressionCount
used by	element LabelSpecification/CustomSpecifiedDetail
annotation	documentation Allows customer-specified control of label content.
source	<pre> <xs:complexType name="CustomerSpecifiedLabelDetail"> <xs:annotation> <xs:documentation>Allows customer-specified control of label content.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="DocTabContent" type="ns:DocTabContent" minOccurs="0"> <xs:annotation> <xs:documentation>If omitted, no doc tab will be produced (i.e. default = former NONE type).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomContent" type="ns:CustomLabelDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Defines any custom content to print on the label.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

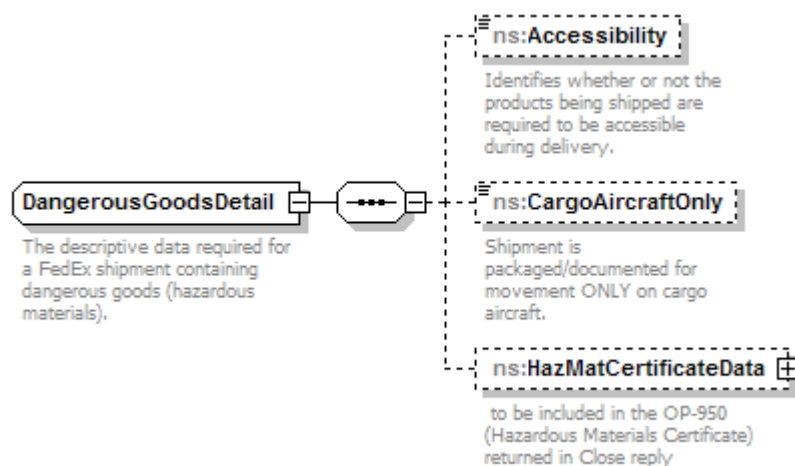
```

</xs:element>
<xs:element name="ConfigurableReferenceEntries" type="ns:ConfigurableLabelReferenceEntry"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines additional data to print in the Configurable portion of the label,
this allows you to print the same type information on the label that can also be printed on the doc
tab.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MaskedData" type="ns:LabelMaskableDataType" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Data to exclude from printing on the label.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TermsAndConditionsLocalization" type="ns:Localization" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The language to use when printing the terms and conditions on the
label.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AdditionalLabels" type="ns:AdditionalLabelsDetail" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>???

```

complexType DangerousGoodsDetail

diagram



namespace	http://fedex.com/ws/rate/v7
children	ns:Accessibility ns:CargoAircraftOnly ns:HazMatCertificateData
used by	element PackageSpecialServicesRequested/DangerousGoodsDetail
annotation	documentation The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).
source	<pre> <xs:complexType name="DangerousGoodsDetail"> <xs:annotation> <xs:documentation>The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Accessibility" type="ns:DangerousGoodsAccessibilityType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies whether or not the products being shipped are required to be accessible during delivery.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CargoAircraftOnly" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Shipment is packaged/documented for movement ONLY on cargo aircraft.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="HazMatCertificateData" type="ns:HazMatCertificateData" minOccurs="0"> <xs:annotation> <xs:documentation> to be included in the OP-950 (Hazardous Materials Certificate) returned in Close reply</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType DateRange

diagram	<pre> classDiagram class DateRange { ns: Begins ns: Ends } DateRange --> ns: Begins DateRange --> ns: Ends </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:Begins ns:Ends
used by	elements NaftaCertificateOfOriginDetail/BlanketPeriod NaftaCommodityDetail/NetCostDateRange
source	<pre> <xs:complexType name="DateRange"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="Begins" type="xs:date"> </pre>

	<pre> <xs:annotation> <xs:documentation>The beginning date in a date range.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Ends" type="xs:date"> <xs:annotation> <xs:documentation>The end date in a date range.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **DelayDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Date ns:DayOfWeek ns:Level ns:Point ns:Type ns:Description
used by	element CommitDetail/DelayDetails
source	<pre> <xs:complexType name="DelayDetail"> <xs:sequence> <xs:element name="Date" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DayOfWeek" type="ns:DayOfWeekType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Level" type="ns:DelayLevelType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Point" type="ns:PointType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Type" type="ns:TypeType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="Point" type="ns:DelayPointType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Type" type="ns:CommitmentDelayType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType DestinationControlDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:StatementTypes ns:DestinationCountries ns:EndUser
used by	element ExportDetail/DestinationControlDetail
annotation	documentation Department of Commerce/Department of State information about this shipment.
source	<pre> <xs:complexType name="DestinationControlDetail"> <xs:annotation> <xs:documentation>Department of Commerce/Department of State information about this shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="StatementTypes" type="ns:DestinationControlStatementType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of applicable Statment types.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DestinationCountries" type="xs:string" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Countries this shipment is destined for.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EndUser" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Department of State End User.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType Dimensions

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Length ns:Width ns:Height ns:Units
used by	elements FreightShipmentLineItem/Dimensions RequestedPackageLineItem/Dimensions FreightShipmentDetail/ShipmentDimensions
annotation	documentation The dimensions of this package and the unit type used for the measurements.
source	<pre> <xs:complexType name="Dimensions"> <xs:annotation> <xs:documentation>The dimensions of this package and the unit type used for the measurements.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Length"> <xs:simpleType> <xs:restriction base="xs:nonNegativeInteger"/> </xs:simpleType> </xs:element> <xs:element name="Width"> <xs:simpleType> <xs:restriction base="xs:nonNegativeInteger"/> </xs:simpleType> </xs:element> <xs:element name="Height"> <xs:simpleType> <xs:restriction base="xs:nonNegativeInteger"/> </xs:simpleType> </xs:element> <xs:element name="Units" type="ns:LinearUnits"/> </xs:sequence> </xs:complexType> </pre>

complexType Distance

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Value ns:Units
used by	elements FreightServiceCenterDetail/LocalDistance FreightCommitDetail/TotalDistance
annotation	documentation Driving or other transportation distances, distinct from dimension measurements.
source	<pre> <xs:complexType name="Distance"> <xs:annotation> <xs:documentation>Driving or other transportation distances, distinct from dimension measurements.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Value" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="ns:DistanceUnits" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType DocTabContent

diagram	
namespace	http://fedex.com/ws/rate/v7

children	ns:DocTabContentType ns:Zone001 ns:Barcoded
used by	element CustomerSpecifiedLabelDetail/DocTabContent
source	<pre> <xs:complexType name="DocTabContent"> <xs:sequence> <xs:element name="DocTabContentType" type="ns:DocTabContentType" minOccurs="0"> <xs:annotation> <xs:documentation>The DocTabContentType options available.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Zone001" type="ns:DocTabContentZone001" minOccurs="0"> <xs:annotation> <xs:documentation>The DocTabContentType should be set to ZONE001 to specify additional Zone details.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Barcoded" type="ns:DocTabContentBarcoded" minOccurs="0"> <xs:annotation> <xs:documentation>The DocTabContentType should be set to BARCODED to specify additional BarCoded details.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **DocTabContentBarcoded**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Symbology ns:Specification
used by	element DocTabContent/Barcoded
source	<pre> <xs:complexType name="DocTabContentBarcoded"> <xs:sequence> <xs:element name="Symbology" type="ns:BarcodeSymbologyType" minOccurs="0"/> <xs:element name="Specification" type="ns:DocTabZoneSpecification" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **DocTabContentZone001**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:DocTabZoneSpecifications

used by	element DocTabContent/Zone001
source	<pre> <xs:complexType name="DocTabContentZone001"> <xs:sequence> <xs:element name="DocTabZoneSpecifications" type="ns:DocTabZoneSpecification" maxOccurs="12"/> </xs:sequence> </xs:complexType> </pre>

complexType **DocTabZoneSpecification**

diagram	<p>The diagram illustrates the structure of the DocTabZoneSpecification complex type. It consists of a central box labeled DocTabZone Specification connected to a sequence of five dashed boxes, each representing an element in the sequence:</p> <ul style="list-style-type: none"> ns:ZoneNumber: Zone number can be between 1 and 12. ns:Header: Header value on this zone. ns:DataField: Reference path to the element in the request/reply whose value should be printed on this zone. ns:LiteralValue: Free form-text to be printed in this zone. ns:Justification: Justification for the text printed on this zone.
namespace	http://fedex.com/ws/rate/v7
children	ns:ZoneNumber ns:Header ns:DataField ns:LiteralValue ns:Justification
used by	elements DocTabContentZone001/DocTabZoneSpecifications DocTabContentBarcoded/Specification
source	<pre> <xs:complexType name="DocTabZoneSpecification"> <xs:sequence> <xs:element name="ZoneNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Zone number can be between 1 and 12.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Header" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Header value on this zone.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DataField" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Reference path to the element in the request/reply whose value should be printed on this zone.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> <xs:element name="LiteralValue" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Free form-text to be printed in this zone.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Justification" type="ns:DocTabZoneJustificationType" minOccurs="0"> <xs:annotation> <xs:documentation>Justification for the text printed on this zone.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **EEmailLabelDetail**

diagram	<pre> classDiagram class EEmailLabelDetail { <ns:NotificationEmailAddress> <ns:NotificationMessage> } </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:NotificationEmailAddress ns:NotificationMessage
used by	element PendingShipmentDetail/EEmailLabelDetail
annotation	documentation Specific information about the delivery of the email and options for the shipment.
source	<pre> <xs:complexType name="EEmailLabelDetail"> <xs:annotation> <xs:documentation>Specific information about the delivery of the email and options for the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NotificationEmailAddress" type="xs:string"> <xs:annotation> <xs:documentation>Email address to send the URL to.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NotificationMessage" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A message to be inserted into the email.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType EMailNotificationDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:PersonalMessage ns:Recipients
used by	element ShipmentSpecialServicesRequested/EMailNotificationDetail
annotation	documentation The descriptive data required for FedEx to provide email notification to the customer regarding the shipment.
source	<pre> <xs:complexType name="EMailNotificationDetail"> <xs:annotation> <xs:documentation>The descriptive data required for FedEx to provide email notification to the customer regarding the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PersonalMessage" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the message text to be sent in the email notification.</xs:documentation> <xs:appinfo> <xs:MaxLength>120</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Recipients" type="ns:EMailNotificationRecipient" minOccurs="0" maxOccurs="6"> <xs:annotation> <xs:documentation>The descriptive data element for the collection of email recipients.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType EMailNotificationRecipient

diagram	<p>ns:EMailNotificationRecipientType Identifies the email notification recipient type. See EMailNotificationRecipientType for a list of valid enumerated values.</p> <p>ns:EMailAddress Identifies the email address of the notification recipient.</p> <p>ns:NotifyOnShipment Identifies if an email notification should be sent to the recipient when the package is shipped.</p> <p>ns:NotifyOnException Identifies if an email notification should be sent to the recipient when an exception occurs during package movement from origin to destination.</p> <p>ns:NotifyOnDelivery Identifies if an email notification should be sent to the recipient when the package is delivered.</p> <p>ns:Format A unique format can be specified for each email address indicated. The format will apply to notification emails sent to a particular email address..</p> <p>ns:Localization Indicates the language the notification is expressed in.</p> <p>EMailNotificationRecipient The descriptive data for a FedEx email notification recipient.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:EMailNotificationRecipientType ns:EMailAddress ns:NotifyOnShipment ns:NotifyOnException ns:NotifyOnDelivery ns:Format ns:Localization
used by	element EMailNotificationDetail/Recipients
annotation	documentation The descriptive data for a FedEx email notification recipient.
source	<pre> <xs:complexType name="EMailNotificationRecipient"> <xs:annotation> <xs:documentation>The descriptive data for a FedEx email notification recipient.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="EMailNotificationRecipientType" type="ns:EMailNotificationRecipientType"> <xs:annotation> <xs:documentation>Identifies the email notification recipient type. See EMailNotificationRecipientType for a list of valid enumerated values.</xs:documentation> </pre>

```

</xs:annotation>
</xs:element>
<xs:element name="EmailAddress" type="xs:string">
  <xs:annotation>
    <xs:documentation>Identifies the email address of the notification
recipient.</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>
      <ns:Express>120</ns:Express>
      <ns:Ground>35</ns:Ground>
    </xs:MaxLength>
  </xs:appinfo>
</xs:annotation>
</xs:element>
<xs:element name="NotifyOnShipment" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies if an email notification should be sent to the recipient when the
package is shipped.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="NotifyOnException" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies if an email notification should be sent to the recipient when an
exception occurs during package movement from origin to destination.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="NotifyOnDelivery" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Identifies if an email notification should be sent to the recipient when the
package is delivered.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Format" type="ns:EmailNotificationFormatType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>A unique format can be specified for each email address indicated. The
format will apply to notification emails sent to a particular email address..</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Localization" type="ns:Localization" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates the language the notification is expressed
in.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType **EdtCommodityTax**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:HarmonizedCode ns:Taxes
used by	element ShipmentRateDetail/DutiesAndTaxes
annotation	documentation ?
source	<pre> <xs:complexType name="EdtCommodityTax"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HarmonizedCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Taxes" type="ns:EdtTaxDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **EdtExciseCondition**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Category ns:Value
used by	element Commodity/ExciseConditions
annotation	documentation ?
source	<pre> <xs:complexType name="EdtExciseCondition"> <xs:annotation> </pre>

	<pre> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Category" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Customer-declared value, with data type and legal values depending on excise condition, used in defining the taxable value of the item.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **EdtTaxDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:TaxType ns:EffectiveDate ns:Name ns:TaxableValue ns:Description ns:Formula ns:Amount
used by	element EdtCommodityTax/Taxes
annotation	documentation ?
source	<pre> <xs:complexType name="EdtTaxDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TaxType" type="ns:EdtTaxType" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EffectiveDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Name" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TaxableValue" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Formula" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Amount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **EtdDetail**

diagram	<pre> classDiagram class EtdDetail { } class ns_RequestedDocumentCopies { } class ns_Documents { } class ns_DocumentReferences { } EtdDetail "0..∞" -- "0..∞" ns_RequestedDocumentCopies EtdDetail "0..∞" -- "0..∞" ns_Documents EtdDetail "0..∞" -- "0..∞" ns_DocumentReferences </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:RequestedDocumentCopies ns:Documents ns:DocumentReferences
used by	element ShipmentSpecialServicesRequested/EtdDetail

source

```
<xs:complexType name="EtdDetail">
  <xs:sequence>
    <xs:element name="RequestedDocumentCopies" type="ns:RequestedShippingDocumentType"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:element>
    <xs:element name="Documents" type="ns:UploadDocumentDetail" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentReferences" type="ns:UploadDocumentReferenceDetail"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **ExportDetail**

diagram	<p>ExportDetail Country specific details of an International shipment.</p> <p>ns:B13AFilingOption Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands.</p> <p>ns:ExportComplianceStatement Required only if B13AFilingOption is one of the following: FILED_ELECTRONICALLY MANUALLY_ATTACHED SUMMARY_REPORTING If B13AFilingOption = NOT_REQUIRED, this field should contain a valid B13A Exception Number.</p> <p>ns:PermitNumber This field is applicable only to Canada export non-document shipments of any value to any destination. No special characters allowed.</p> <p>ns:DestinationControlDetail Department of Commerce/Department of State information about this shipment.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:B13AFilingOption ns:ExportComplianceStatement ns:PermitNumber ns:DestinationControlDetail
used by	element InternationalDetail/ExportDetail
annotation	documentation Country specific details of an International shipment.
source	<pre> <xs:complexType name="ExportDetail"> <xs:annotation> <xs:documentation>Country specific details of an International shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="B13AFilingOption" type="ns:B13AFilingOptionType" minOccurs="0"> <xs:annotation> <xs:documentation> Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExportComplianceStatement" type="xs:string" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation> Required only if B13AFilingOption is one of the following: FILED_ELECTRONICALLY MANUALLY_ATTACHED SUMMARY_REPORTING If B13AFilingOption = NOT_REQUIRED, this field should contain a valid B13A Exception Number. </xs:documentation> <xs:appinfo> <xs:MaxLength>50</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="PermitNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This field is applicable only to Canada export non-document shipments of any value to any destination. No special characters allowed. </xs:documentation> <xs:appinfo> <xs:MaxLength>10</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="DestinationControlDetail" type="ns:DestinationControlDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Department of Commerce/Department of State information about this shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType ExpressFreightDetail

diagram	<p>ExpressFreightDetail Details specific to an Express freight shipment.</p> <ul style="list-style-type: none"> ns:PackingListEnclosed Indicates whether or nor a packing list is enclosed. ns:ShippersLoadAndCount Total shipment pieces, ie. 3 boxes and 3 pallets of 100 pieces each = Shippers Load and Count of 303. Applicable to International Priority Freight and International Economy Freight. Values must be in the range of 1 - 99999 ns:BookingConfirmationNumber Required for International Freight shipping. Values must be 8- 12 characters in length. ns:ReferenceLabelRequested Currently not supported. ns:BeforeDeliveryContact ⊕ Currently not supported. ns:UndeliverableContact ⊕ Currently not supported.
namespace	http://fedex.com/ws/rate/v7
children	ns:PackingListEnclosed ns:ShippersLoadAndCount ns:BookingConfirmationNumber ns:ReferenceLabelRequested ns:BeforeDeliveryContact ns:UndeliverableContact
used by	element RequestedShipment/ExpressFreightDetail
annotation	documentation Details specific to an Express freight shipment.
source	<pre> <xs:complexType name="ExpressFreightDetail"> <xs:annotation> <xs:documentation>Details specific to an Express freight shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PackingListEnclosed" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates whether or nor a packing list is enclosed.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShippersLoadAndCount" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation> Total shipment pieces. ie. 3 boxes and 3 pallets of 100 pieces each = Shippers Load and Count of 303. Applicable to International Priority Freight and International Economy Freight. Values must be in the range of 1 - 99999 </xs:documentation> </xs:annotation> </xs:element> <xs:element name="BookingConfirmationNumber" type="xs:string" length="8-12"> <xs:annotation> <xs:documentation>Required for International Freight shipping. Values must be 8- 12 characters in length.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReferenceLabelRequested" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BeforeDeliveryContact" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="UndeliverableContact" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="BookingConfirmationNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Required for International Freight shipping. Values must be 8- 12 characters in length.</xs:documentation> <xs:appinfo> <xs:MaxLength>12</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="ReferenceLabelRequested" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BeforeDeliveryContact" type="ns:ExpressFreightDetailContact" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="UndeliverableContact" type="ns:ExpressFreightDetailContact" minOccurs="0"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **ExpressFreightDetailContact**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Name ns:Phone
used by	elements ExpressFreightDetail/BeforeDeliveryContact ExpressFreightDetail/UndeliverableContact
annotation	documentation Currently not supported. Delivery contact information for an Express freight shipment.
source	<pre> <xs:complexType name="ExpressFreightDetailContact"> <xs:annotation> <xs:documentation>Currently not supported. Delivery contact information for an Express freight shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Name" type="xs:string"> <xs:annotation> <xs:documentation>Contact name.</xs:documentation> </pre>

	<pre> <xs:appinfo> <xs:MaxLength>TBD</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Phone" type="xs:string"> <xs:annotation> <xs:documentation>Contact phone number.</xs:documentation> </xs:appinfo> <xs:MaxLength>TBD</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType FlatbedTrailerDetail

diagram	<p>Specifies the optional features/characteristics requested for a Freight shipment utilizing a flatbed trailer.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:Options
used by	element ShipmentSpecialServicesRequested/FlatbedTrailerDetail
annotation	documentation Specifies the optional features/characteristics requested for a Freight shipment utilizing a flatbed trailer.
source	<pre> <xs:complexType name="FlatbedTrailerDetail"> <xs:annotation> <xs:documentation>Specifies the optional features/characteristics requested for a Freight shipment utilizing a flatbed trailer.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Options" type="ns:FlatbedTrailerOption" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType FreightBaseCharge

diagram	<p>FreightBaseCharge Individual charge which contributes to the total base charge for the shipment.</p> <ul style="list-style-type: none"> ns:FreightClass Freight class for this line item. ns:RatedAsClass Effective freight class used for rating this line item. ns:NmfcCode NMFC Code for commodity. ns:Description Customer-provided description for this commodity or class line. ns:Weight Weight for this commodity or class line. ns:ChargeRate Rate or factor applied to this line item. ns:ChargeBasis Identifies the manner in which the chargeRate for this line item was applied. ns:ExtendedAmount The net or extended charge for this line item.
namespace	http://fedex.com/ws/rate/v7
children	ns:FreightClass ns:RatedAsClass ns:NmfcCode ns:Description ns:Weight ns:ChargeRate ns:ChargeBasis ns:ExtendedAmount
used by	element FreightRateDetail/BaseCharges
annotation	documentation Individual charge which contributes to the total base charge for the shipment.
source	<pre> <xs:complexType name="FreightBaseCharge"> <xs:annotation> <xs:documentation>Individual charge which contributes to the total base charge for the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="FreightClass" type="ns:FreightClassType" minOccurs="0"> <xs:annotation> <xs:documentation>Freight class for this line item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RatedAsClass" type="ns:FreightClassType" minOccurs="0"> <xs:annotation> <xs:documentation>Effective freight class used for rating this line item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NmfcCode" type="string" minOccurs="0"> <xs:annotation> <xs:documentation>NMFC Code for commodity.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="string" minOccurs="0"> <xs:annotation> <xs:documentation>Customer-provided description for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Weight" type="double" minOccurs="0"> <xs:annotation> <xs:documentation>Weight for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChargeRate" type="double" minOccurs="0"> <xs:annotation> <xs:documentation>Rate or factor applied to this line item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChargeBasis" type="string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the manner in which the chargeRate for this line item was applied.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExtendedAmount" type="double" minOccurs="0"> <xs:annotation> <xs:documentation>The net or extended charge for this line item.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="NmfcCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>NMFC Code for commodity.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Customer-provided description for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Weight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>Weight for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChargeRate" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Rate or factor applied to this line item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChargeBasis" type="ns:FreightChargeBasisType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the manner in which the chargeRate for this line item was applied.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExtendedAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The net or extended charge for this line item.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **FreightCommitDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:OriginDetail ns:DestinationDetail ns:TotalDistance
used by	element CommitDetail/FreightCommitDetail
annotation	documentation ?

source	<pre> <xs:complexType name="FreightCommitDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="OriginDetail" type="ns:FreightServiceCenterDetail" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DestinationDetail" type="ns:FreightServiceCenterDetail" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalDistance" type="ns:Distance" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--------	---

complexType **FreightGuaranteeDetail**

diagram	<pre> sequenceDiagram participant FG as FreightGuaranteeDetail FG --> Type as ns:Type FG --> Date as ns:Date FG --> Time as ns:Time Note over Type: ? Note over Date: Date for all Freight guarantee types. Note over Time: Time for GUARANTEED_TIME only. </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:Type ns:Date ns:Time
used by	element ShipmentSpecialServicesRequested/FreightGuaranteeDetail
annotation	documentation ?
source	<pre> <xs:complexType name="FreightGuaranteeDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:FreightGuaranteeType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Date" type="xs:date" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Date for all Freight guarantee types.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Time" type="xs:time" minOccurs="0"> <xs:annotation> <xs:documentation>Time for GUARANTEED_TIME only.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType FreightRateDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:QuoteNumber ns:BaseCharges ns:Notations
used by	element ShipmentRateDetail/FreightRateDetail
annotation	documentation Rate data specific to FedEx Freight or FedEx National Freight services.
source	<pre> <xs:complexType name="FreightRateDetail"> <xs:annotation> <xs:documentation>Rate data specific to FedEx Freight or FedEx National Freight services.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="QuoteNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A unique identifier for a specific rate quotation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BaseCharges" type="ns:FreightBaseCharge" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Freight charges which accumulate to the total base charge for the shipment.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <xs:element name="Notations" type="ns:FreightRateNotation" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Human-readable descriptions of additional information on this shipment rating.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType FreightRateNotation

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Code ns:Description
used by	element FreightRateDetail/Notations
annotation	documentation Additional non-monetary data returned with Freight rates.
source	<pre> <xs:complexType name="FreightRateNotation"> <xs:annotation> <xs:documentation>Additional non-monetary data returned with Freight rates.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Code" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Unique identifier for notation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Human-readable explanation of notation.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **FreightServiceCenterDetail**

diagram	<p>FreightServiceCenterDetail</p> <p>This class describes the relationship between a customer-specified address and the FedEx Freight / FedEx National Freight Service Center that supports that address.</p> <ul style="list-style-type: none"> ns:InterlineCarrierCode: Freight Industry standard non-FedEx carrier identification ns:InterlineCarrierName: ? ns:AdditionalDays: ? ns:LocalService: Service branding which may be used for local pickup or delivery, distinct from service used for line-haul of customer's shipment. ns:LocalDistance: Distance between customer address (pickup or delivery) and the supporting Freight / National Freight service center. ns:LocalDuration: Time to travel between customer address (pickup or delivery) and the supporting Freight / National Freight service center. ns:LocalServiceScheduling: Specifies when/how the customer can arrange for pickup or delivery. ns:LimitedServiceDays: 0..∞ Specifies days of operation if localServiceScheduling is LIMITED. ns:GatewayLocationId: ?
namespace	http://fedex.com/ws/rate/v7
children	ns:InterlineCarrierCode ns:InterlineCarrierName ns:AdditionalDays ns:LocalService ns:LocalDistance ns:LocalDuration ns:LocalServiceScheduling ns:LimitedServiceDays ns:GatewayLocationId
used by	elements FreightCommitDetail/DestinationDetail FreightCommitDetail/OriginDetail
annotation	documentation This class describes the relationship between a customer-specified address and the FedEx Freight / FedEx National Freight Service Center that supports that address.
source	<pre><xs:complexType name="FreightServiceCenterDetail"> <xs:annotation> <xs:documentation>This class describes the relationship between a customer-specified address and the FedEx Freight / FedEx National Freight Service Center that supports that</pre>

```

address.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="InterlineCarrierCode" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Freight Industry standard non-FedEx carrier
identification</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="InterlineCarrierName" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>?</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AdditionalDays" type="xs:int" minOccurs="0">
    <xs:annotation>
      <xs:documentation>?</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LocalService" type="ns:ServiceType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Service branding which may be used for local pickup or delivery, distinct
from service used for line-haul of customer's shipment.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LocalDistance" type="ns:Distance" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Distance between customer address (pickup or delivery) and the
supporting Freight / National Freight service center.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LocalDuration" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Time to travel between customer address (pickup or delivery) and the
supporting Freight / National Freight service center.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LocalServiceScheduling" type="ns:FreightServiceSchedulingType"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specifies when/how the customer can arrange for pickup or
delivery.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LimitedServiceDays" type="ns:DayOfWeekType" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Specifies days of operation if localServiceScheduling is
LIMITED.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="GatewayLocationId" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>?</xs:documentation>
    </xs:annotation>
  </xs:element>

```

	<pre></xs:sequence> </xs:complexType></pre>
--	---

complexType **FreightShipmentDetail**

diagram

FreightShipmentDetail
Data applicable to shipments using FEDEX_FREIGHT and FEDEX_NATIONAL_FREIGHT services.

ns:FedExFreightAccountNumber

Account number used with FEDEX_FREIGHT service.

ns:FedExFreightBillingAddress ⊕

Used for validating FedEx Freight account number.

ns:FedExNationalFreightAccount...

Account number used with FEDEX_NATIONAL_FREIGHT service.

ns:FedExNationalFreightBillingA... ⊕

Used for validating FedEx National Freight account number.

ns:Role

Indicates the role of the party submitting the transaction.

ns:PaymentType

Designates which of the requester's tariffs will be used for rating.

ns:NewGoods

Shipment contents are declared as new for valuation purposes.

ns:DeclaredValue ⊕

Carriage value of shipment. This field is documentary only; the requested shipment field "insuredValue" must be used to request excess valuation for reimbursement in case of damage or loss.

ns:Coupons

0..∞

Identifiers for promotional discounts offered to customers.

ns:HandlingUnits

Number of individual handling units (for unit pricing).

ns:ClientDiscountPercent

Estimated discount rate provided by client for unsecured rate quote.

ns:PalletWeight ⊕

Total weight of pallets used in shipment.

ns:ShipmentDimensions ⊕

Overall shipment dimensions.

ns:Comment

Description for the shipment.

ns:LineItems ⊕

0..∞

Details of the commodities in the shipment.

namespace	http://fedex.com/ws/rate/v7
children	ns:FedExFreightAccountNumber ns:FedExFreightBillingAddress ns:FedExNationalFreightAccountNumber ns:FedExNationalFreightBillingAddress ns:Role ns:PaymentType ns:NewGoods ns:DeclaredValue ns:Coupons ns:HandlingUnits ns:ClientDiscountPercent ns:PalletWeight ns:ShipmentDimensions ns:Comment ns:LineItems
used by	element RequestedShipment/FreightShipmentDetail
annotation	documentation Data applicable to shipments using FEDEX_FREIGHT and FEDEX_NATIONAL_FREIGHT services.
source	<pre> <xs:complexType name="FreightShipmentDetail"> <xs:annotation> <xs:documentation>Data applicable to shipments using FEDEX_FREIGHT and FEDEX_NATIONAL_FREIGHT services.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="FedExFreightAccountNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Account number used with FEDEX_FREIGHT service.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FedExFreightBillingAddress" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>Used for validating FedEx Freight account number.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FedExNationalFreightAccountNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Account number used with FEDEX_NATIONAL_FREIGHT service.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FedExNationalFreightBillingAddress" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>Used for validating FedEx National Freight account number.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Role" type="ns:FreightShipmentRoleType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the role of the party submitting the transaction.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PaymentType" type="ns:FreightAccountPaymentType" minOccurs="0"> <xs:annotation> <xs:documentation>Designates which of the requester's tariffs will be used for rating.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NewGoods" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Shipment contents are declared as new for valuation purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DeclaredValue" type="ns:Money" minOccurs="0"> </pre>

```

<xs:annotation>
  <xs:documentation>Carriage value of shipment. This field is documentary only; the requested
shipment field "insuredValue" must be used to request excess valuation for reimbursement in case
of damage or loss.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Coupons" type="xs:string" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Identifiers for promotional discounts offered to
customers.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HandlingUnits" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of individual handling units (for unit pricing).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ClientDiscountPercent" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Estimated discount rate provided by client for unsecured rate
quote.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PalletWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total weight of pallets used in shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShipmentDimensions" type="ns:Dimensions" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Overall shipment dimensions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Comment" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Description for the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LineItems" type="ns:FreightShipmentLineItem" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Details of the commodities in the shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType FreightShipmentLineItem

diagram	<p>FreightShipmentLineItem Description of an individual commodity or class of content in a shipment.</p> <ul style="list-style-type: none"> ns:FreightClass Freight class for this line item. ns:Packaging Specification of packaging for this commodity or class line. ns:Description Customer-provided description for this commodity or class line. ns:Weight Weight for this commodity or class line. ns:Dimensions FED EX INTERNAL USE ONLY - Individual line item dimensions. ns:Volume Volume (cubic measure) for this commodity or class line.
namespace	http://fedex.com/ws/rate/v7
children	ns:FreightClass ns:Packaging ns:Description ns:Weight ns:Dimensions ns:Volume
used by	element FreightShipmentDetail/LineItems
annotation	documentation Description of an individual commodity or class of content in a shipment.
source	<pre> <xs:complexType name="FreightShipmentLineItem"> <xs:annotation> <xs:documentation>Description of an individual commodity or class of content in a shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="FreightClass" type="ns:FreightClassType" minOccurs="0"> <xs:annotation> <xs:documentation>Freight class for this line item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Packaging" type="ns:PhysicalPackagingType" minOccurs="0"> <xs:annotation> <xs:documentation>Specification of packaging for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Customer-provided description for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="Weight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>Weight for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Dimensions" type="ns:Dimensions" minOccurs="0"> <xs:annotation> <xs:documentation>FED EX INTERNAL USE ONLY - Individual line item dimensions.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Volume" type="ns:Volume" minOccurs="0"> <xs:annotation> <xs:documentation>Volume (cubic measure) for this commodity or class line.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **GeneralAgencyAgreementDetail**

diagram	<pre> classDiagram class GeneralAgencyAgreementDetail { ns:Format* } </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:Format
used by	element ShippingDocumentSpecification/GeneralAgencyAgreementDetail
source	<pre> <xs:complexType name="GeneralAgencyAgreementDetail"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **HazMatCertificateData**

diagram

HazMatCertificateData

to be included in the OP-950
(Hazardous Materials
Certificate) returned in Close
reply

ns:DotProperShippingName

0..3

which broad class (as established by the United States DOT) the contents of this shipment falls into; The user should be aware that these (up to three) 50-character elements will actually be formatted on the certificate in a 25-character-wide column on up to six lines; Up to 25 characters of the first element will appear on the first line, and any additional characters starting with the 26th will appear on a second line. The first 25 of the second element, if it exists, will appear on a third line, and any additional characters starting with the 26th will appear on the fourth line. The first 25 characters of the third element will appear on a fifth line, and any additional characters starting with the 26th will appear on a sixth line.

ns:DotHazardClassOrDivision

which broad class (as established by the United States Department of Transportation) the contents of this shipment falls into.

ns:DotIdNumber

ID Number (UN or NA number), including prefix.

ns:DotLabelType

Type of D.O.T. diamond hazard label, or "Ltd. Qty.", or Exemption Number.

ns:PackingGroup

materials in certain classes, the Packing Group signifies the degree of hazard.

ns:Quantity

Quantity (in the given unites) of dangerous goods in shipment.

ns:Units

Units in which the Quantity is expressed.

ns:TwentyFourHourEmergency...

24-hour emergency response contact phone number.

ns:TwentyFourHourEmergency...

24-hour emergency response contact name.

namespace

<http://fedex.com/ws/rate/v7>

children	ns:DotProperShippingName ns:DotHazardClassOrDivision ns:DotIdNumber ns:DotLabelType ns:PackingGroup ns:Quantity ns:Units ns:TwentyFourHourEmergencyResponseContactNumber ns:TwentyFourHourEmergencyResponseContactName
used by	element DangerousGoodsDetail/HazMatCertificateData
annotation	documentation to be included in the OP-950 (Hazardous Materials Certificate) returned in Close reply
source	<pre> <xs:complexType name="HazMatCertificateData"> <xs:annotation> <xs:documentation> to be included in the OP-950 (Hazardous Materials Certificate) returned in Close reply</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="DotProperShippingName" type="xs:string" minOccurs="0" maxOccurs="3"> <xs:annotation> <xs:documentation> which broad class (as established by the United States DOT) the contents of this shipment falls into; The user should be aware that these (up to three) 50-character elements will actually be formatted on the certificate in a 25-character-wide column on up to six lines; Up to 25 characters of the first element will appear on the first line, and any additional characters starting with the 26th will appear on a second line. The first 25 of the second element, if it exists, will appear on a third line, and any additional characters starting with the 26th will appear on the fourth line. The first 25 characters of the third element will appear on a fifth line, and any additional characters starting with the 26th will appear on a sixth line.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>50</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="DotHazardClassOrDivision" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation> which broad class (as established by the United States Department of Transportation) the contents of this shipment falls into.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>25</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="DotIdNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation> ID Number (UN or NA number), including prefix.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>11</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="DotLabelType" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation> Type of D.O.T. diamond hazard label, or "Ltd. Qty.", or Exemption Number.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>50</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="PackingGroup" type="xs:string" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation> materials in certain classes, the Packing Group signifies the degree of hazard.</xs:documentation> <xs:appinfo> <xs:MaxLength>3</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Quantity" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>Quantity (in the given unites) of dangerous goods in shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Units in which the Quantity is expressed.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>4</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="TwentyFourHourEmergencyResponseContactNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>24-hour emergency response contact phone number.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>15</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="TwentyFourHourEmergencyResponseContactName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>24-hour emergency response contact name.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>50</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **HoldAtLocationDetail**

diagram	<pre> classDiagram class HoldAtLocationDetail { "Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient." ns:PhoneNumber? ns:Address? } </pre>
namespace	http://fedex.com/ws/rate/v7

children	ns:PhoneNumber ns:Address
used by	element ShipmentSpecialServicesRequested/HoldAtLocationDetail
annotation	documentation Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.
source	<pre> <xs:complexType name="HoldAtLocationDetail"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PhoneNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies a telephone number.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>15</xs:MaxLength> </xs:appinfo> </xs:element> <xs:element name="Address" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>The descriptive data for a physical location.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **HomeDeliveryPremiumDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:HomeDeliveryPremiumType ns:Date ns:PhoneNumber
used by	element ShipmentSpecialServicesRequested/HomeDeliveryPremiumDetail
annotation	documentation The descriptive data required by FedEx for home delivery services.
source	<pre> <xs:complexType name="HomeDeliveryPremiumDetail"> <xs:annotation> <xs:documentation>The descriptive data required by FedEx for home delivery services.</xs:documentation> </xs:annotation> <xs:sequence> </pre>

```
<xs:element name="HomeDeliveryPremiumType" type="ns:HomeDeliveryPremiumType">
  <xs:annotation>
    <xs:documentation>The type of Home Delivery Premium service being
requested.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Date" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Required for Date Certain Home Delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PhoneNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Required for Date Certain and Appointment Home
Delivery.</xs:documentation>
    <xs:appinfo>
      <xs:MaxLength>15</xs:MaxLength>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **InternationalDetail**

diagram

InternationalDetail

ns:Broker
Descriptive data identifying the Broker responsible for the shipment. Required if BROKER_SELECT_OPTION is requested in Special Services.

ns:ClearanceBrokerage
Interacts both with properties of the shipment and contractual relationship with the shipper.

ns:ImporterOfRecord
Applicable only for Commercial Invoice. If the consignee and importer are not the same, the following importer fields are required.
Importer/Contact/PersonName
Importer/Contact/CompanyName
Importer/Contact/PhoneNumber
Importer/Address/StreetLine[0]
Importer/Address/City
Importer/Address/StateOrProvinceCode - if Importer Country Code is US or CA
Importer/Address/PostalCode - if Importer Country Code is US or CA
Importer/Address/CountryCode

ns:RecipientCustomsIdType
Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType

ns:DutiesPayment
Indicates how payment of duties for the shipment will be made.

ns:DocumentContent
Indicates whether this shipment contains documents only or non-documents.

ns:CustomsValue
The total customs value for the shipment. This total will represent the sum of the values of all commodities, and may include freight, miscellaneous, and insurance charges. Must contain 2 explicit decimal positions with a max length of 17 including the decimal. For Express International MPS, the Total Customs Value is in the master transaction and all child transactions

ns:InsuranceCharges
Documents amount paid to third party for coverage of shipment content.

ns:CommercialInvoice
CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through FedEx System. Customers are responsible for printing their own Commercial Invoice. Commercial Invoice support consists of a maximum of 20 commodity line items.

ns:Commodities
0.99
For international multiple piece shipments, commodity information must be passed in the Master and on each child transaction. If this shipment contains more than four commodities line items, the four highest valued should be included in the first 4 occurrences for this request.

ns:ExportDetail
Country specific details of an international shipment.

ns:RegulatoryControls
0.00
FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for food/perishable items coming to US or PR from non-US/non-PR origin.

namespace	http://fedex.com/ws/rate/v7
children	ns:Broker ns:ClearanceBrokerage ns:ImporterOfRecord ns:RecipientCustomsIdType ns:DutiesPayment ns:DocumentContent ns:CustomsValue ns:InsuranceCharges ns:CommercialInvoice ns:Commodities ns:ExportDetail ns:RegulatoryControls
used by	element RequestedShipment/InternationalDetail
source	<pre> <xs:complexType name="InternationalDetail"> <xs:sequence> <xs:element name="Broker" type="ns:Party" minOccurs="0"> <xs:annotation> <xs:documentation> Descriptive data identifying the Broker responsible for the shipment. Required if BROKER_SELECT_OPTION is requested in Special Services. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ClearanceBrokerage" type="ns:ClearanceBrokerageType" minOccurs="0"> <xs:annotation> <xs:documentation> Interacts both with properties of the shipment and contractual relationship with the shipper. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ImporterOfRecord" type="ns:Party" minOccurs="0"> <xs:annotation> <xs:documentation> Applicable only for Commercial Invoice. If the consignee and importer are not the same, the Following importer fields are required. Importer/Contact/PersonName Importer/Contact/CompanyName Importer/Contact/PhoneNumber Importer/Address/StreetLine[0] Importer/Address/City Importer/Address/StateOrProvinceCode - if Importer Country Code is US or CA Importer/Address/PostalCode - if Importer Country Code is US or CA Importer/Address/CountryCode </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RecipientCustomsIdType" type="ns:RecipientCustomsIdType" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DutiesPayment" type="ns:Payment" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates how payment of duties for the shipment will be made.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DocumentContent" type="ns:InternationalDocumentContentType" </pre>

```

minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates whether this shipment contains documents only or non-
documents.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomsValue" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total customs value for the shipment. This total will represent th
esum of the values of all commodities, and may include freight, miscellaneous, and insurance
charges. Must contain 2 explicit decimal positions with a max length of 17 including the decimal.
For Express International MPS, the Total Customs Value is in the master transaction and all child
transactions</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InsuranceCharges" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Documents amount paid to third party for coverage of shipment
content.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CommercialInvoice" type="ns:CommercialInvoice" minOccurs="0">
  <xs:annotation>
    <xs:documentation>CommercialInvoice element is required for electronic upload of CI data. It
will serve to create/transmit an Electronic Commercial Invoice through FedEx System. Customers
are responsible for printing their own Commercial Invoice. Commercial Invoice support consists of
a maximum of 20 commodity line items.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Commodities" type="ns:Commodity" minOccurs="0" maxOccurs="99">
  <xs:annotation>
    <xs:documentation>
      For international multiple piece shipments, commodity information must be passed in the
Master and on each child transaction.
      If this shipment cotains more than four commodities line items, the four highest valued
should be included in the first 4 occurrences for this request.
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExportDetail" type="ns:ExportDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country specific details of an International shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RegulatoryControls" type="ns:RegulatoryControlType" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for
food/perishable items coming to US or PR from non-US/non-PR origin.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType LabelSpecification

diagram	<p>LabelSpecification Description of shipping label to be returned in the reply</p> <ul style="list-style-type: none"> ns:LabelFormatType Specify type of label to be returned ns:ImageType The type of image or printer commands the label is to be formatted in. DPL = Unimark thermal printer language EPL2 = Eltron thermal printer language PDF = a label returned as a pdf image PNG = a label returned as a png image ZPLII = Zebra thermal printer language ns:LabelStockType For thermal printer lables this indicates the size of the label and the location of the doc tab if present. ns:LabelPrintingOrientation This indicates if the top or bottom of the label comes out of the printer first. ns:LabelRotation Relative to normal orientation for the printer. RIGHT=90 degrees clockwise, UPSIDE_DOWN=180 degrees, LEFT=90 degrees counterclockwise. ns:PrintedLabelOrigin If present, this contact and address information will replace the return address information on the label. ns:CustomerSpecifiedDetail Allows customer-specified control of label content.
namespace	http://fedex.com/ws/rate/v7
children	ns:LabelFormatType ns:ImageType ns:LabelStockType ns:LabelPrintingOrientation ns:LabelRotation ns:PrintedLabelOrigin ns:CustomerSpecifiedDetail
used by	element RequestedShipment/LabelSpecification
annotation	documentation Description of shipping label to be returned in the reply
source	<pre> <xs:complexType name="LabelSpecification"> <xs:annotation> <xs:documentation>Description of shipping label to be returned in the reply</xs:documentation> </pre>

```

</xs:annotation>
<xs:sequence>
  <xs:element name="LabelFormatType" type="ns:LabelFormatType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Specify type of label to be returned</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>
        The type of image or printer commands the label is to be formatted in.
        DPL = Unimark thermal printer language
        EPL2 = Eltron thermal printer language
        PDF = a label returned as a pdf image
        PNG = a label returned as a png image
        ZPLII = Zebra thermal printer language
      </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LabelStockType" type="ns:LabelStockType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>For thermal printer lables this indicates the size of the label and the
location of the doc tab if present.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LabelPrintingOrientation" type="ns:LabelPrintingOrientationType"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>This indicates if the top or bottom of the label comes out of the printer
first.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="LabelRotation" type="ns:LabelRotationType" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Relative to normal orientation for the printer. RIGHT=90 degrees
clockwise, UPSIDE_DOWN=180 degrees, LEFT=90 degrees
counterclockwise.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PrintedLabelOrigin" type="ns:ContactAndAddress" minOccurs="0">
    <xs:annotation>
      <xs:documentation>If present, this contact and address information will replace the return
address information on the label.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CustomerSpecifiedDetail" type="ns:CustomerSpecifiedLabelDetail"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Allows customer-specified control of label content.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

complexType Localization

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:LanguageCode ns:LocaleCode
used by	elements ClientDetail/Localization TransactionDetail/Localization EMailNotificationRecipient/Localization ShippingDocumentFormat/Localization CustomerSpecifiedLabelDetail/TermsAndConditionsLocalization
annotation	documentation Governs any future language/translations used for human-readable text.
source	<pre> <xs:complexType name="Localization"> <xs:annotation> <xs:documentation>Governs any future language/translations used for human-readable text.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LanguageCode" type="xs:string"> <xs:annotation> <xs:documentation>Identifies the language to use for human-readable messages.</xs:documentation> <xs:appinfo> <xs:MaxLength>2</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="LocaleCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the locale (i.e. country code) associated with the language.</xs:documentation> <xs:appinfo> <xs:MaxLength>2</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Measure

diagram	
---------	--

namespace	http://fedex.com/ws/rate/v7
children	ns:Quantity ns:Units
used by	element Commodity/AdditionalMeasures
annotation	documentation ?
source	<pre> <xs:complexType name="Measure"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Quantity" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Money

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Currency ns:Amount
used by	<p>elements</p> <p> RatedShipmentDetail/AdjustedCodCollectionAmount RatedPackageDetail/AdjustedCodCollectionAmount Surcharge/Amount Tax/Amount RateDiscount/Amount EdtTaxDetail/Amount Rebate/Amount PackageRateDetail/BaseCharge FreightBaseCharge/ChargeRate PackageSpecialServicesRequested/CodCollectionAmount ShipmentSpecialServicesRequested/CodCollectionAmount InternationalDetail/CustomsValue Commodity/CustomsValue FreightShipmentDetail/DeclaredValue RatedPackageDetail/EffectiveNetDiscount RatedShipmentDetail/EffectiveNetDiscount FreightBaseCharge/ExtendedAmount VariableHandlingChargeDetail/FixedValue CommercialInvoice/FreightCharge InternationalDetail/InsuranceCharges RequestedPackageLineItem/InsuredValue PackageRateDetail/NetCharge PackageRateDetail/NetFedExCharge PackageRateDetail/NetFreight EdtTaxDetail/TaxableValue CommercialInvoice/TaxesOrMiscellaneousCharge ShipmentRateDetail/TotalBaseCharge VariableHandlingCharges/TotalCustomerCharge ShipmentRateDetail/TotalDutiesAndTaxes ShipmentRateDetail/TotalFreightDiscounts PackageRateDetail/TotalFreightDiscounts RequestedShipment/TotalInsuredValue ShipmentRateDetail/TotalNetCharge ShipmentRateDetail/TotalNetChargeWithDutiesAndTaxes ShipmentRateDetail/TotalNetFedExCharge ShipmentRateDetail/TotalNetFreight PackageRateDetail/TotalRebates ShipmentRateDetail/TotalRebates PackageRateDetail/TotalSurcharges ShipmentRateDetail/TotalSurcharges PackageRateDetail/TotalTaxes ShipmentRateDetail/TotalTaxes Commodity/UnitPrice VariableHandlingCharges/VariableHandlingCharge </p>

annotation	documentation The descriptive data for the medium of exchange for FedEx services.
source	<pre> <xs:complexType name="Money"> <xs:annotation> <xs:documentation>The descriptive data for the medium of exchange for FedEx services.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Currency" type="xs:string"> <xs:annotation> <xs:documentation>Identifies the currency of the monetary amount.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>3</xs:MaxLength> </xs:appinfo> </xs:element> <xs:element name="Amount"> <xs:annotation> <xs:documentation>Identifies the monetary amount.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **NaftaCertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Format ns:BlanketPeriod ns:ImporterSpecification ns:SignatureContact ns:ProducerSpecification ns:Producers ns:CustomerImageUsages

used by	element ShippingDocumentSpecification/NaftaCertificateOfOriginDetail
annotation	documentation The descriptive data regarding NAFTA COO.
source	<pre> <xs:complexType name="NaftaCertificateOfOriginDetail"> <xs:annotation> <xs:documentation>The descriptive data regarding NAFTA COO.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="BlanketPeriod" type="ns:DateRange" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="ImporterSpecification" type="ns:NaftaImporterSpecificationType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates which Party (if any) from the shipment is to be used as the source of importer data on the NAFTA COO form.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignatureContact" type="ns:Contact" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="ProducerSpecification" type="ns:NaftaProducerSpecificationType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="Producers" type="ns:NaftaProducer" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType **NaftaCommodityDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:PreferenceCriterion ns:ProducerDetermination ns:ProducerId ns:NetCostMethod ns:NetCostDateRange
used by	element Commodity/NaftaDetail
source	<pre> <xs:complexType name="NaftaCommodityDetail"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="PreferenceCriterion" type="ns:NaftaPreferenceCriterionCode" minOccurs="0"> <xs:annotation> <xs:documentation> Defined by NAFTA regulations. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProducerDetermination" type="ns:NaftaProducerDeterminationCode" minOccurs="0"> <xs:annotation> <xs:documentation> Defined by NAFTA regulations. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProducerId" type="xs:string" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation> Identification of which producer is associated with this commodity (if multiple producers are used in a single shipment). </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NetCostMethod" type="ns:NaftaNetCostMethodCode" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="NetCostDateRange" type="ns:DateRange" minOccurs="0"> <xs:annotation> <xs:documentation> Date range over which RVC net cost was calculated. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **NaftaProducer**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Id ns:Producer
used by	element NaftaCertificateOfOriginDetail/Producers
source	<pre> <xs:complexType name="NaftaProducer"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="Id" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="Producer" type="ns:Party" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Notification

diagram	<p>Notification The descriptive data regarding the results of the submitted transaction.</p> <p>ns:Severity The severity of this notification. this can indicate success or failure or some other information about the request such as errors or notes.</p> <p>ns:Source Indicates the source of the notification. Combined with Code, it uniquely identifies this message.</p> <p>ns:Code A code that represents this notification. Combined with Source, it uniquely identifies this message.</p> <p>ns:Message Text that explains this notification.</p> <p>ns:LocalizedMessage A translated message. The translation is based on the Localization element of the ClientDetail element of the request. Not currently supported.</p> <p>ns:MessageParameters If the message used parameter replacement to be specific as to the meaning of the message, this is the list of parameters that were used.</p> <p>0..∞</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:Severity ns:Source ns:Code ns:Message ns:LocalizedMessage ns:MessageParameters
used by	elements CommitDetail/CommitMessages RateReply/Notifications
annotation	documentation The descriptive data regarding the results of the submitted transaction.
source	<pre> <xs:complexType name="Notification"> <xs:annotation> <xs:documentation>The descriptive data regarding the results of the submitted transaction.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Severity" type="ns:NotificationSeverityType"> <xs:annotation> <xs:documentation>The severity of this notification. this can indicate success or failure or some other information about the request such as errors or notes.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Source" type="xs:string"> </pre>

	<pre> <xs:annotation> <xs:documentation>Indicates the source of the notification. Combined with Code, it uniquely identifies this message.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Code" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A code that represents this notification. Combined with Source, it uniquely identifies this message.</xs:documentation> <xs:appinfo> <xs:MaxLength>8</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Message" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Text that explains this notification.</xs:documentation> <xs:appinfo> <xs:MaxLength>255</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="LocalizedMessage" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A translated message. The translation is based on the Localization element of the ClientDetail element of the request. Not currently supported.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageParameters" type="ns:NotificationParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>If the message used parameter replacement to be specific as to the meaning of the message, this is the list of parameters that were used.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType NotificationParameter

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Id ns:Value
used by	element Notification/MessageParameters
source	<xs:complexType name="NotificationParameter">

```
<xs:sequence>
  <xs:element name="Id" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Name identifying the type of the data in the element
'Value'</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Value" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The value that was used as the replacement
parameter.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
```

complexType PackageRateDetail

diagram



ns:RateType ⓘ
The type of rates this information contains either account based or list rates.
ns:RatedWeightMethod ⓘ
The method used to calculate the weight to be used in rating the package..
ns:MinimumChargeType ⓘ
Internal FedEx use only.
ns:BillingWeight ⓘ
The weight that was used to calculate the rate.
ns:DimWeight ⓘ
The dimensional weight that was calculated for this package.
ns:OversizeWeight ⓘ
The oversize weight that was used in the rate calculation.
ns:BaseCharge ⓘ
The freight charge that was calculated for this package before surcharges, discounts and taxes..
ns:TotalFreightDiscounts ⓘ
The total discounts used in the rate calculation.
ns:NetFreight ⓘ
The base charge minus discounts.
ns:TotalSurcharges ⓘ
The total amount of all surcharges applied to this package.
ns:NetFedExCharge ⓘ
??
ns:TotalTaxes ⓘ
The total amount of all taxes applied to this package.
ns:NetCharge ⓘ
The the charge for this package including surcharges, discounts and taxes.
ns:TotalRebates ⓘ
The total sum of all rebates applied to this package.
ns:FreightDiscounts ⓘ
0..∞
A list of discounts that were applied to this package.
ns:Rebates ⓘ
0..∞
A list of the surcharges applied to this package.
ns:Surcharges ⓘ
0..∞
A list of the surcharges applied to this package.
ns:Taxes ⓘ
0..∞
A list of the taxes applied to this package.
ns:VariableHandlingCharges ⓘ
The variable handling charges calculated based on the type variable handling charges requested.

namespace	http://fedex.com/ws/rate/v7
children	ns:RateType ns:RatedWeightMethod ns:MinimumChargeType ns:BillingWeight ns:DimWeight ns:OversizeWeight ns:BaseCharge ns:TotalFreightDiscounts ns:NetFreight ns:TotalSurcharges ns:NetFedExCharge ns:TotalTaxes ns:NetCharge ns:TotalRebates ns:FreightDiscounts ns:Rebates ns:Surcharges ns:Taxes ns:VariableHandlingCharges
used by	element RatedPackageDetail/PackageRateDetail
source	<pre> <xs:complexType name="PackageRateDetail"> <xs:sequence> <xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0"> <xs:annotation> <xs:documentation>The type of rates this information contains either account based or list rates.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RatedWeightMethod" type="ns:RatedWeightMethod" minOccurs="0"> <xs:annotation> <xs:documentation>The method used to calculate the weight to be used in rating the package..</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MinimumChargeType" type="ns:MinimumChargeType" minOccurs="0"> <xs:annotation> <xs:documentation>Internal FedEx use only.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BillingWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight that was used to calculate the rate.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DimWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>The dimensional weight that was calculated for this package.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="OversizeWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>The oversize weight that was used in the rate calculation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BaseCharge" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The freight charge that was calculated for this package before surcharges, discounts and taxes..</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The total discounts used in the rate calculation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NetFreight" type="ns:Money" minOccurs="0"> <xs:annotation> </pre>

```

    <xs:documentation>The base charge minus discounts. </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total amount of all surcharges applied to this
package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="NetFedExCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>??</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total amount of all taxes applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="NetCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The the charge for this package including surcharges, discounts and
taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalRebates" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total sum of all rebates applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightDiscounts" type="ns:RateDiscount" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of discounts that were applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the surcharges applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the surcharges applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the taxes applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingCharges" type="ns:VariableHandlingCharges"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The variable handling charges calculated based on the type variable

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	handling charges requested.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>
--	--

complexType PackageSpecialServicesRequested

diagram	<p>Package Special Services Reques...</p> <p>Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.</p> <p>ns:SpecialServiceTypes 0..∞ Identifies the collection of special service types requested by the shipper. See SpecialServiceTypes for the list of valid enumerated types.</p> <p>ns:CodCollectionAmount For use with FedEx Ground services only; COD must be present in shipment's special services.</p> <p>ns:DangerousGoodsDetail Descriptive data required for a FedEx shipment containing dangerous materials. This element is required when SpecialServiceType.DANGEROUS_GOODS or HAZARDOUS_MATERIAL is present in the SpecialServiceTypes collection.</p> <p>ns:DryIceWeight Descriptive data required for a FedEx shipment containing dry ice. This element is required when SpecialServiceType.DRY_ICE is present in the SpecialServiceTypes collection.</p> <p>ns:SignatureOptionDetail The descriptive data required for FedEx signature services. This element is required when SpecialServiceType.SIGNATURE_OPTION is present in the SpecialServiceTypes collection.</p> <p>ns:PriorityAlertDetail To be filled.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:SpecialServiceTypes ns:CodCollectionAmount ns:DangerousGoodsDetail ns:DryIceWeight ns:SignatureOptionDetail ns:PriorityAlertDetail
used by	element RequestedPackageLineItem/SpecialServicesRequested
annotation	documentation Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes

	collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.
source	<pre> <xs:complexType name="PackageSpecialServicesRequested"> <xs:annotation> <xs:documentation>Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SpecialServiceTypes" type="ns:PackageSpecialServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Identifies the collection of special service types requested by the shipper. See SpecialServiceTypes for the list of valid enumerated types.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CodCollectionAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>For use with FedEx Ground services only; COD must be present in shipment's special services.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DangerousGoodsDetail" type="ns:DangerousGoodsDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx shipment containing dangerous materials. This element is required when SpecialServiceType.DANGEROUS_GOODS or HAZARDOUS_MATERIAL is present in the SpecialServiceTypes collection.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DryIceWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx shipment containing dry ice. This element is required when SpecialServiceType.DRY_ICE is present in the SpecialServiceTypes collection.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignatureOptionDetail" type="ns:SignatureOptionDetail" minOccurs="0"> <xs:annotation> <xs:documentation>The descriptive data required for FedEx signature services. This element is required when SpecialServiceType.SIGNATURE_OPTION is present in the SpecialServiceTypes collection.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PriorityAlertDetail" type="ns:PriorityAlertDetail" minOccurs="0"> <xs:annotation> <xs:documentation>To be filled.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Party

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:AccountNumber ns:Tin ns:Contact ns:Address
used by	elements InternationalDetail/Broker CodDetail/CodRecipient InternationalDetail/ImporterOfRecord NaftaProducer/Producer RequestedShipment/Recipient RequestedShipment/Shipper
annotation	documentation The descriptive data for a person or company entity doing business with FedEx.
source	<pre> <xs:complexType name="Party"> <xs:annotation> <xs:documentation>The descriptive data for a person or company entity doing business with FedEx.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="AccountNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the FedEx account number assigned to the customer.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>12</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Tin" type="ns:TaxpayerIdentification" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data for taxpayer identification information.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Contact" type="ns:Contact" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data identifying the point-of-contact person.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Address" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>The descriptive data for a physical location.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	</xs:element> </xs:sequence> </xs:complexType>
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complexType Payment

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:PaymentType ns:Payor
used by	elements InternationalDetail/DutiesPayment RequestedShipment/ShippingChargesPayment
annotation	documentation The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.
source	<pre> <xs:complexType name="Payment"> <xs:annotation> <xs:documentation>The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PaymentType" type="ns:PaymentType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the method of payment for a service. See PaymentType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Payor" type="ns:Payor" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data identifying the party responsible for payment for a service.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Payor

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:AccountNumber ns:CountryCode
used by	element Payment/Payor
annotation	documentation Descriptive data identifying the party responsible for payment for a service.
source	<pre> <xs:complexType name="Payor"> <xs:annotation> <xs:documentation>Descriptive data identifying the party responsible for payment for a service.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="AccountNumber" type="xs:string"> <xs:annotation> <xs:documentation>Identifies the FedEx account number assigned to the payor.</xs:documentation> <xs:appinfo> <xs:MaxLength>12</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="CountryCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the country of the payor.</xs:documentation> <xs:appinfo> <xs:MaxLength>2</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType PendingShipmentDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Type ns:ExpirationDate ns:EmailLabelDetail
used by	element ShipmentSpecialServicesRequested/PendingShipmentDetail
annotation	documentation Details used while creating a pending shipment
source	<pre> <xs:complexType name="PendingShipmentDetail"> <xs:annotation> <xs:documentation>Details used while creating a pending shipment</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:PendingShipmentType"> <xs:annotation> <xs:documentation>Pending Shipment Type</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExpirationDate" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time when this pending shipment expires.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EmailLabelDetail" type="ns:EMailLabelDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Details used for emailing a label.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType PickupDetail

diagram	<pre> sequenceDiagram PickupDetail --> ReadyDateTime PickupDetail --> LatestPickupDateTime PickupDetail --> CourierInstructions PickupDetail --> RequestType PickupDetail --> RequestSource </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:ReadyDateTime ns:LatestPickupDateTime ns:CourierInstructions ns:RequestType ns:RequestSource
used by	element RequestedShipment/PickupDetail
source	<pre> <xs:complexType name="PickupDetail"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="ReadyDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="LatestPickupDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="CourierInstructions" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="RequestType" type="ns:PickupRequestType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="RequestSource" type="ns:PickupRequestSourceType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType PriorityAlertDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Content
used by	element PackageSpecialServicesRequested/PriorityAlertDetail
annotation	documentation Currently not supported.
source	<pre> <xs:complexType name="PriorityAlertDetail"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Content" type="xs:string" minOccurs="0" maxOccurs="3"/> </xs:sequence> </xs:complexType> </pre>

complexType RateDiscount

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:RateDiscountType ns:Description ns:Amount ns:Percent
used by	elements ShipmentRateDetail/FreightDiscounts PackageRateDetail/FreightDiscounts
annotation	documentation Identifies a discount applied to the shipment.
source	<pre> <xs:complexType name="RateDiscount"> <xs:annotation> <xs:documentation>Identifies a discount applied to the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="RateDiscountType" type="ns:RateDiscountType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Amount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The amount of the discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Percent" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>The percentage of the discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType **RateReply**

diagram	<pre> <diagram> graph TD RateReply[RateReply] --- nsHighestSeverity[ns:HighestSeverity] RateReply --- nsNotifications[ns:Notifications] RateReply --- nsTransactionDetail[ns:TransactionDetail] RateReply --- nsVersion[ns:Version] RateReply --- nsRateReplyDetails[ns:RateReplyDetails] end </pre>
namespace	http://fedex.com/ws/rate/v7
children	ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:RateReplyDetails

used by	element RateReply
source	<pre> <xs:complexType name="RateReply"> <xs:sequence> <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"> <xs:annotation> <xs:documentation>This indicates the highest level of severity of all the notifications returned in this reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Notifications" type="ns:Notification" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>The descriptive data regarding the results of the submitted transaction.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Version" type="ns:VersionId"> <xs:annotation> <xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RateReplyDetails" type="ns:RateReplyDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Rate information which was requested.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType RateReplyDetail

diagram



namespace	http://fedex.com/ws/rate/v7
children	ns:ServiceType ns:PackagingType ns:AppliedOptions ns:AppliedSubOptions ns:DeliveryStation ns:DeliveryDayOfWeek ns:DeliveryTimestamp ns:CommitDetails ns:DestinationAirportId ns:IneligibleForMoneyBackGuarantee ns:OriginServiceArea ns:DestinationServiceArea ns:TransitTime ns:SignatureOption ns:ActualRateType ns:RatedShipmentDetails
used by	element RateReply/RateReplyDetails
source	<pre> <xs:complexType name="RateReplyDetail"> <xs:sequence> <xs:element name="ServiceType" type="ns:ServiceType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PackagingType" type="ns:PackagingType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AppliedOptions" type="ns:ServiceOptionType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="AppliedSubOptions" type="ns:ServiceSubOptionDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Supporting detail for applied options identified in preceding field.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DeliveryStation" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??? </pre>

```

<xs:element name="IneligibleForMoneyBackGuarantee" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates whether or not this shipment is eligible for a money back
guarantee.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="OriginServiceArea" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Commitment code for the origin.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DestinationServiceArea" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Commitment code for the destination.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TransitTime" type="ns:TransitTimeType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Time in transit from pickup to delivery.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SignatureOption" type="ns:SignatureOptionType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The signature option for this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ActualRateType" type="ns:ReturnedRateType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The actual rate type of the charges for this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RatedShipmentDetails" type="ns:RatedShipmentDetail" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Rate information which was requested.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType RateRequest

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ReturnTransitAndCommit ns:CarrierCodes ns:VariableOptions ns:RequestedShipment
used by	element RateRequest
annotation	documentation Descriptive data sent to FedEx by a customer in order to rate a package/shipment.
source	<pre> <xs:complexType name="RateRequest"> <xs:annotation> <xs:documentation>Descriptive data sent to FedEx by a customer in order to rate a package/shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail"> <xs:annotation> <xs:documentation>Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ClientDetail" type="ns:ClientDetail"> <xs:annotation> <xs:documentation>Descriptive data identifying the client submitting the transaction.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransactionDetail" type="ns:TransactionDetail"> <xs:annotation> <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Version" type="ns:Version"> <xs:annotation> <xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReturnTransitAndCommit" type="ns:ReturnTransitAndCommit" minOccurs="0" maxOccurs="1"/> <xs:element name="CarrierCodes" type="ns:CarrierCodes" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="VariableOptions" type="ns:VariableOptions" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RequestedShipment" type="ns:RequestedShipment" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType> </pre>

```

</xs:annotation>
</xs:element>
<xs:element name="ClientDetail" type="ns:ClientDetail">
  <xs:annotation>
    <xs:documentation>Descriptive data identifying the client submitting the
transaction.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from
the request is echoed back to the caller in the corresponding reply.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Version" type="ns:VersionId">
  <xs:annotation>
    <xs:documentation>Identifies the version/level of a service operation expected by a caller (in
each request) and performed by the callee (in each reply).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ReturnTransitAndCommit" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>??</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CarrierCodes" type="ns:CarrierCodeType" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>??</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableOptions" type="ns:ServiceOptionType" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element name="RequestedShipment" type="ns:RequestedShipment">
  <xs:annotation>
    <xs:documentation>??</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType **RatedPackageDetail**

diagram	<p>RatedPackageDetail</p> <p>If requesting rates using the PackageDetails element (one package at a time) in the request, the rates for each package will be returned in this element. Currently total piece total weight rates are also returned in this element.</p> <ul style="list-style-type: none"> ns:TrackingIds (0..∞) Echoed from the corresponding package in the rate request (if provided). ns:GroupNumber Used with request containing PACKAGE_GROUPS, to identify which group of identical packages was used to produce a reply item. ns:EffectiveNetDiscount ns:AdjustedCodCollectionAmo... Ground COD is package level. ns:OversizeClass ns:PackageRateDetail
namespace	http://fedex.com/ws/rate/v7
children	ns:TrackingIds ns:GroupNumber ns:EffectiveNetDiscount ns:AdjustedCodCollectionAmount ns:OversizeClass ns:PackageRateDetail
used by	element RatedShipmentDetail/RatedPackages
annotation	<p>documentation</p> <p>If requesting rates using the PackageDetails element (one package at a time) in the request, the rates for each package will be returned in this element. Currently total piece total weight rates are also returned in this element.</p>
source	<pre> <xs:complexType name="RatedPackageDetail"> <xs:annotation> <xs:documentation>If requesting rates using the PackageDetails element (one package at a time) in the request, the rates for each package will be returned in this element. Currently total piece total weight rates are also returned in this element.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TrackingIds" type="ns:TrackingId" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Echoed from the corresponding package in the rate request (if provided).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GroupNumber" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Used with request containing PACKAGE_GROUPS, to identify which group of identical packages was used to produce a reply item.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="AdjustedCodCollectionAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Ground COD is package level.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="OversizeClass" type="ns:OversizeClassType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="PackageRateDetail" type="ns:PackageRateDetail" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **RatedShipmentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:EffectiveNetDiscount ns:AdjustedCodCollectionAmount ns:ShipmentRateDetail ns:RatedPackages
used by	element RateReplyDetail/RatedShipmentDetails
source	<pre> <xs:complexType name="RatedShipmentDetail"> <xs:sequence> <xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The difference between account based rates and list rates. Only returned when list rates are requested.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AdjustedCodCollectionAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Ground COD is package level.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShipmentRateDetail" type="ns:ShipmentRateDetail" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="RatedPackages" type="ns:RatedPackageDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType Rebate

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:RebateType ns:Description ns:Amount ns:Percent
used by	elements ShipmentRateDetail/Rebates PackageRateDetail/Rebates
annotation	documentation Identifies a discount applied to the shipment.
source	<pre> <xs:complexType name="Rebate"> <xs:annotation> <xs:documentation>Identifies a discount applied to the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="RebateType" type="ns:RebateType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Amount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The amount of the discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Percent" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>The percentage of the discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre></xs:annotation> </xs:element> <xs:element name="Percent" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>The percentage of the discount applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>
--	--

complexType RequestedPackageLineItem

diagram

RequestedPackageLineItem

This class rationalizes RequestedPackage and RequestedPackageSummary from previous interfaces. The way in which it is used within a RequestedShipment depends on the RequestedPackageDetailType value specified for that shipment.

ns:SequenceNumber

Used only with INDIVIDUAL_PACKAGE, as a unique identifier of each requested package.

ns:GroupNumber

Used only with PACKAGE_GROUPS, as a unique identifier of each group of identical packages.

ns:GroupPackageCount

Used only with PACKAGE_GROUPS, as a count of packages within a group of identical packages.

ns:VariableHandlingChargeDetail

?

ns:InsuredValue

Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case totalInsuredValue and packageCount on the shipment will be used to determine this value.

ns:Weight

Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case totalWeight and packageCount on the shipment will be used to determine this value.

ns:Dimensions

?

ns:PhysicalPackaging

Provides additional detail on how the customer has physically packaged this item. As of June 2009, required for packages moving under international and SmartPost services.

ns:ItemDescription

Human-readable text describing the package.

ns:CustomerReferences

0..3

?

ns:SpecialServicesRequested

?

ns:ContentRecords

0..∞

Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS.

namespace	http://fedex.com/ws/rate/v7
children	ns:SequenceNumber ns:GroupNumber ns:GroupPackageCount ns:VariableHandlingChargeDetail ns:InsuredValue ns:Weight ns:Dimensions ns:PhysicalPackaging ns:ItemDescription ns:CustomerReferences ns:SpecialServicesRequested ns:ContentRecords
used by	element RequestedShipment/RequestedPackageLineItems
annotation	documentation This class rationalizes RequestedPackage and RequestedPackageSummary from previous interfaces. The way in which it is uses within a RequestedShipment depends on the RequestedPackageDetailType value specified for that shipment.
source	<pre> <xs:complexType name="RequestedPackageLineItem"> <xs:annotation> <xs:documentation>This class rationalizes RequestedPackage and RequestedPackageSummary from previous interfaces. The way in which it is uses within a RequestedShipment depends on the RequestedPackageDetailType value specified for that shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SequenceNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Used only with INDIVIDUAL_PACKAGE, as a unique identifier of each requested package.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GroupNumber" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Used only with PACKAGE_GROUPS, as a unique identifier of each group of identical packages.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GroupPackageCount" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Used only with PACKAGE_GROUPS, as a count of packages within a group of identical packages.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="VariableHandlingChargeDetail" type="ns:VariableHandlingChargeDetail" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InsuredValue" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case totalInsuredValue and packageCount on the shipment will be used to determine this value.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Weight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS. Ignored for PACKAGE_SUMMARY, in which case totalweight and packageCount on the shipment will be used to determine this value.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Dimensions" type="ns:Dimensions" minOccurs="0"> </pre>

```

<xs:annotation>
  <xs:documentation>?</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="PhysicalPackaging" type="ns:PhysicalPackagingType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Provides additional detail on how the customer has physically packaged
this item. As of June 2009, required for packages moving under international and SmartPost
services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ItemDescription" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Human-readable text describing the package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CustomerReferences" type="ns:CustomerReference" minOccurs="0"
maxOccurs="3">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialServicesRequested" type="ns:PackageSpecialServicesRequested"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContentRecords" type="ns:ContentRecord" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Only used for INDIVIDUAL_PACKAGES and
PACKAGE_GROUPS.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

complexType RequestedShipment

diagram

RequestedShipment 
The descriptive data for the shipment being tendered to FedEx.

xs:complexType
name RequestedShipment
base xs:baseType
content (anyAttribute*)
attribute xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" type="xsi:string" use="required"/>
sequence
xs:element **ShipTimestamp** 
Identifies the date and time the package is tendered to FedEx. Both the date and time portions of the string are required to be used. The date should not be a past date or a date more than 30 days in the future. The time is the last time of the shipment based on the shipper's time zone. The date component must be in the format YYYYMMDD (e.g. 20060601). The time component must be in the format HHMMSS (e.g. 24 hour clock (e.g. 12:00 a.m. is 0000), whereas 6:00 p.m. is 180000). The date and time parts are separated by the letter T (e.g. 20060601T120000). There is also a UTC offset component indicating the number of hours/minutes from UTC (e.g. 20060601T120000-0800 for June 20, 2006 8:00 pm Eastern Time).
xs:element **DropOffType** 
Identifies the method by which the package is to be delivered to FedEx. The element does not disqualify a carrier for package pickup. See DropOffType for list of valid enumerated values.
xs:element **ServiceType** 
Identifies the method used to use in shipping the package. See ServiceType for list of valid enumerated values.
xs:element **PackagingType** 
Identifies the packaging used by the shipper for the package. See PackagingType for list of valid enumerated values.
xs:element **TotalWeight** 
Identifies the total weight of the shipment being shipped to FedEx. This is only applicable to International shipments and should only be used on the first package of a multiple piece shipment. This value contains 1 added decimal position.
xs:element **TotalInsuredValue** 
Total insured amount.
xs:element **Shipper** 
Describes data identifying the party responsible for shipping the package. Shipper and Origin should have the same address.
xs:element **Recipient** 
Describes data identifying the party receiving the package.
xs:element **RecipientLocationNumber** 
A unique identifier for a recipient location.
xs:element **Origin** 
Physical starting address for the shipment. Differs from shipper's address.
xs:element **ShippingChargesPayment** 
Describes data indicating the method and means of payment to FedEx for providing shipping services.
xs:element **SpecialServiceRequest** 
Describes data regarding special services requested by the shipper for the shipment. If the shipper is requesting a special service which requires additional data (e.g. CDS), the special service code must be present in the special service codes collection and the shipping label must be provided in the appropriate sub-label. For example, to request CDS, "CDS" must be entered in the SpecialServiceCodes collection and the Certified label must contain the required data.
xs:element **ExpressFreightDetail** 
Details specific to an Express freight shipment.
xs:element **FreightShipmentDetail** 
Data specific to shipments using FEDEX, FEDEXGT and FEDEX INTERNATIONAL services.
xs:element **DeliveryInstructions** 
Used with Ground Home Delivery and Freight.
xs:element **VariableHandlingChargeDetail** 
Details about how to calculate variable handling charges at the shipment level.
xs:element **InternationalDetail** 
Information about the package that only applies to international freight shipment.
xs:element **PickupDetail** 
If
xs:element **SmartPostDetail** 
If
xs:element **BlockWeightValidity** 
If true, only the shipment will have validity of the shipment.
xs:element **LabelSpecification** 
Details about the label format and print size the label is to be returned in.
xs:element **ShippingDocumentSpecifics** 
Details about shipping document types (e.g. A1 information, C1 information, and SAA information).
xs:element **RateRequestTypes** 
Indicates the type of rate to be returned.
xs:element **ColloquialType** 
Specifies whether the customer wishes to have Estimated Dates and Transit times with the label information on the shipment. Only applies with shipments moving under international services.
xs:element **PackageCount**
For a multiple piece shipment this is the total number of packages in the shipment.
xs:element **PackageDetail**
If
xs:element **RequestedPackageInstructions**
One or more package affixable descriptions, each of which describes an individual package, a group of identical packages, or the total requested weight and volume characteristics of packages in the shipment.

namespace	http://fedex.com/ws/rate/v7
children	ns:ShipTimestamp ns:DropoffType ns:ServiceType ns:PackagingType ns:TotalWeight ns:TotalInsuredValue ns:Shipper ns:Recipient ns:RecipientLocationNumber ns:Origin ns:ShippingChargesPayment ns:SpecialServicesRequested ns:ExpressFreightDetail ns:FreightShipmentDetail ns:DeliveryInstructions ns:VariableHandlingChargeDetail ns:InternationalDetail ns:PickupDetail ns:SmartPostDetail ns:BlockInsightVisibility ns:LabelSpecification ns:ShippingDocumentSpecification ns:RateRequestTypes ns:EdtRequestType ns:PackageCount ns:PackageDetail ns:RequestedPackageLineItems
used by	element RateRequest/RequestedShipment
annotation	documentation The descriptive data for the shipment being tendered to FedEx.
source	<pre> <xs:complexType name="RequestedShipment"> <xs:annotation> <xs:documentation>The descriptive data for the shipment being tendered to FedEx.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ShipTimestamp" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the date and time the package is tendered to FedEx. Both the date and time portions of the string are expected to be used. The date should not be a past date or a date more than 10 days in the future. The time is the local time of the shipment based on the shipper's time zone. The date component must be in the format: YYYY-MM-DD (e.g. 2006-06-26). The time component must be in the format: HH:MM:SS using a 24 hour clock (e.g. 11:00 a.m. is 11:00:00, whereas 5:00 p.m. is 17:00:00). The date and time parts are separated by the letter T (e.g. 2006-06-26T17:00:00). There is also a UTC offset component indicating the number of hours/mainutes from UTC (e.g 2006-06-26T17:00:00-0400 is defined form June 26, 2006 5:00 pm Eastern Time).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DropoffType" type="ns:DropoffType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup. See DropoffType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ServiceType" type="ns:ServiceType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PackagingType" type="ns:PackagingType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the total weight of the shipment being conveyed to FedEx.This is only applicable to International shipments and should only be used on the first package of a mutiple piece shipment.This value contains 1 explicit decimal position</xs:documentation> </xs:annotation> </xs:element> </pre>


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<xs:element name="TotalInsuredValue" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total insured amount.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Shipper" type="ns:Party">
  <xs:annotation>
    <xs:documentation>Descriptive data identifying the party responsible for shipping the
package. Shipper and Origin should have the same address.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Recipient" type="ns:Party">
  <xs:annotation>
    <xs:documentation>Descriptive data identifying the party receiving the
package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RecipientLocationNumber" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>A unique identifier for a recipient location</xs:documentation>
  <xs:appinfo>
    <xs:MaxLength>10</xs:MaxLength>
  </xs:appinfo>
  </xs:annotation>
</xs:element>
<xs:element name="Origin" type="ns:ContactAndAddress" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Physical starting address for the shipment, if different from shipper's
address.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShippingChargesPayment" type="ns:Payment" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Descriptive data indicating the method and means of payment to FedEx
for providing shipping services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpecialServicesRequested" type="ns:ShipmentSpecialServicesRequested"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Descriptive data regarding special services requested by the shipper for
this shipment. If the shipper is requesting a special service which requires additional data (e.g.
COD), the special service type must be present in the specialServiceTypes collection, and the
supporting detail must be provided in the appropriate sub-object. For example, to request COD,
"COD" must be included in the SpecialServiceTypes collection and the CodDetail object must
contain the required data.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExpressFreightDetail" type="ns:ExpressFreightDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details specific to an Express freight shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightShipmentDetail" type="ns:FreightShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Data applicable to shipments using FEDEX_FREIGHT and

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FEDEX_NATIONAL_FREIGHT services.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="DeliveryInstructions" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used with Ground Home Delivery and Freight.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingChargeDetail" type="ns:VariableHandlingChargeDetail"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details about how to calculate variable handling charges at the shipment
level.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InternationalDetail" type="ns:InternationalDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information about this package that only applies to an international
(exports) shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PickupDetail" type="ns:PickupDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>??</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SmartPostDetail" type="ns:SmartPostShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="BlockInsightVisibility" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>If true, only the shipper/payor will have visibility of this
shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LabelSpecification" type="ns:LabelSpecification" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details about the image format and printer type the label is to returned
in.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShippingDocumentSpecification" type="ns:ShippingDocumentSpecification"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details such as shipping document types, NAFTA information, CI
information, and GAA information.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateRequestTypes" type="ns:RateRequestType" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the type of rates to be returned.</xs:documentation>
  </xs:annotation>
</xs:element>

```

	<pre> <xs:element name="EdtRequestType" type="ns:EdtRequestType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies whether the customer wishes to have Estimated Duties and Taxes provided with the rate quotation on this shipment. Only applies with shipments moving under international services.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PackageCount" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>For a multiple piece shipment this is the total number of packages in the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PackageDetail" type="ns:RequestedPackageDetailType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RequestedPackageLineItems" type="ns:RequestedPackageLineItem" minOccurs="0" maxOccurs="999"> <xs:annotation> <xs:documentation>One or more package-attribute descriptions, each of which describes an individual package, a group of identical packages, or (for the total-piece-total-weight case) common characteristics all packages in the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType ReturnEmailDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:MerchantPhoneNumber ns:AllowedSpecialServices
used by	element ReturnShipmentDetail/ReturnEmailDetail
source	<pre> <xs:complexType name="ReturnEmailDetail"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="MerchantPhoneNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="AllowedSpecialServices" type="ns:ReturnEmailAllowedSpecialServiceType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:annotation></code> <code></xs:element></code> <code></xs:sequence></code> <code></xs:complexType></code>
--	--

complexType **ReturnShipmentDetail**

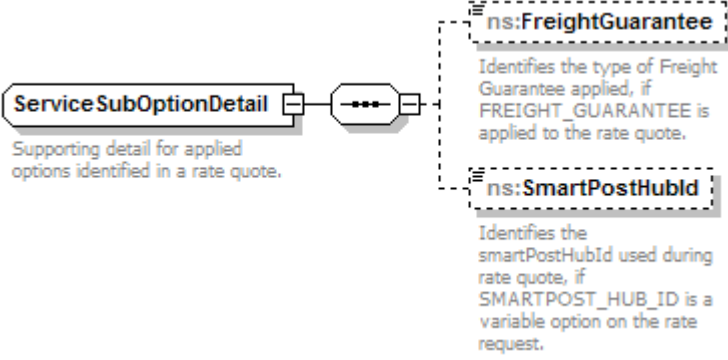
diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:ReturnType ns:Rma ns:ReturnEMailDetail
used by	element ShipmentSpecialServicesRequested/ReturnShipmentDetail
annotation	documentation Information relating to a return shipment.
source	<pre> <xs:complexType name="ReturnShipmentDetail"> <xs:annotation> <xs:documentation>Information relating to a return shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ReturnType" type="ns:ReturnType"> <xs:annotation> <xs:documentation>The type of return shipment that is being requested. At present the only type of retrun shipment that is supported is PRINT_RETURN_LABEL. With this option you can print a return label to insert into the box of an outbound shipment. This option can not be used to print an outbound label.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Rma" type="ns:Rma" minOccurs="0"> <xs:annotation> <xs:documentation>Return Merchant Authorization</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReturnEMailDetail" type="ns:ReturnEMailDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Specific information about the delivery of the email and options for the </pre>

	shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>
--	--

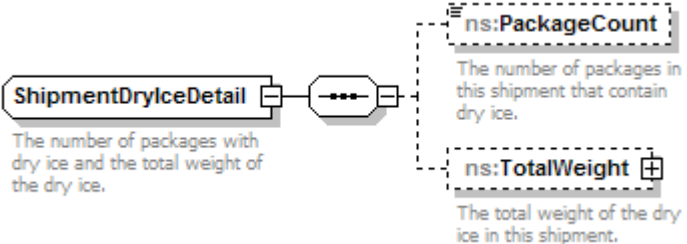
complexType Rma

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Number ns:Reason
used by	element ReturnShipmentDetail/Rma
annotation	documentation Return Merchant Authorization
source	<xs:complexType name="Rma"> <xs:annotation> <xs:documentation>Return Merchant Authorization</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Number" type="xs:string"> <xs:annotation> <xs:documentation>Return Merchant Authorization Number</xs:documentation> <xs:appinfo> <xs:MaxLength>20</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Reason" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The reason for the return.</xs:documentation> <xs:appinfo> <xs:MaxLength>60</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType ServiceSubOptionDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:FreightGuarantee ns:SmartPostHubId
used by	element RateReplyDetail/AppliedSubOptions
annotation	documentation Supporting detail for applied options identified in a rate quote.
source	<pre> <xs:complexType name="ServiceSubOptionDetail"> <xs:annotation> <xs:documentation>Supporting detail for applied options identified in a rate quote.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="FreightGuarantee" type="ns:FreightGuaranteeType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of Freight Guarantee applied, if FREIGHT_GUARANTEE is applied to the rate quote.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SmartPostHubId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the smartPostHubId used during rate quote, if SMARTPOST_HUB_ID is a variable option on the rate request.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType ShipmentDryIceDetail

diagram	
namespace	http://fedex.com/ws/rate/v7

children	ns:PackageCount ns:TotalWeight
used by	element ShipmentSpecialServicesRequested/ShipmentDryIceDetail
annotation	documentation The number of packages with dry ice and the total weight of the dry ice.
source	<pre> <xs:complexType name="ShipmentDryIceDetail"> <xs:annotation> <xs:documentation>The number of packages with dry ice and the total weight of the dry ice.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PackageCount" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>The number of packages in this shipment that contain dry ice.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalWeight" type="ns:Weight" minOccurs="0"> <xs:annotation> <xs:documentation>The total weight of the dry ice in this shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType ShipmentRateDetail

diagram

ShipmentRateDetail
Shipment level rate information. Currently this is the same as the package level rate information.

```

<?xml version="1.0"?>
<ShipmentRateDetail>
  <ns:RateType>
    The type of rates this information contains either amount based or fee rates.
  </ns:RateType>
  <ns:RateScale>
    The FedEx rate scale used to calculate these rates.
  </ns:RateScale>
  <ns:RateZone>
    The FedEx rate zone used to calculate these rates.
  </ns:RateZone>
  <ns:PricingCode>
    Indicates the type of pricing used for the shipment.
  </ns:PricingCode>
  <ns:RatedWeightMethod>
    Indicates which weight was used.
  </ns:RatedWeightMethod>
  <ns:MinimumChargeType>
    INTERNATIONAL, FEDEX GROUND ONLY
  </ns:MinimumChargeType>
  <ns:CurrencyExchangeRate>
    Specifies the currency exchange performed on financial amounts for this rate.
  </ns:CurrencyExchangeRate>
  <ns:SpecialRatingApplied>
    0.00
    Indicates which special rating cases applied to this shipment.
  </ns:SpecialRatingApplied>
  <ns:DimDivider>
    The value used to calculate the weight based on the dimensions.
  </ns:DimDivider>
  <ns:FuelSurchargePercent>
  </ns:FuelSurchargePercent>
  <ns:TotalBillingWeight>
    The weight used to calculate these rates.
  </ns:TotalBillingWeight>
  <ns:TotalDimWeight>
    The dimensional weight used to calculate these rates. If applicable.
  </ns:TotalDimWeight>
  <ns:TotalBaseCharge>
  </ns:TotalBaseCharge>
  <ns:TotalFreightDiscounts>
    The total discounts used in the rate calculation.
  </ns:TotalFreightDiscounts>
  <ns:TotalNetFreight>
    The freight charge minus discounts.
  </ns:TotalNetFreight>
  <ns:TotalSurcharges>
    The total amount of all surcharges applied to this shipment.
  </ns:TotalSurcharges>
  <ns:TotalNetEstExCharge>
  </ns:TotalNetEstExCharge>
  <ns:TotalTaxes>
    The total amount of all taxes applied to this shipment. Currently not supported.
  </ns:TotalTaxes>
  <ns:TotalNetCharge>
    The net charge after applying all discounts and surcharges.
  </ns:TotalNetCharge>
  <ns:TotalRebates>
    The total sum of all rebates applied to this shipment.
  </ns:TotalRebates>
  <ns:TotalDutiesAndTaxes>
    Total of all values under this shipment's dutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment.
  </ns:TotalDutiesAndTaxes>
  <ns:TotalNetChargeWithDutiesAndTaxes>
    This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation charges are all paid by the same sender's account.
  </ns:TotalNetChargeWithDutiesAndTaxes>
  <ns:FreightRateDetail>
    Rate data specific to FedEx Freight and FedEx International Freight services.
  </ns:FreightRateDetail>
  <ns:FreightDiscounts>
    0.00
    A list of discounts that were applied to the package.
  </ns:FreightDiscounts>
  <ns:Rebates>
    0.00
    A list of the surcharges applied to this package.
  </ns:Rebates>
  <ns:Surcharges>
    0.00
    A list of the surcharges applied to this package.
  </ns:Surcharges>
  <ns:Taxes>
    0.00
    A list of the taxes applied to this package.
  </ns:Taxes>
  <ns:DutiesAndTaxes>
    0.00
    All commodity-based duties and taxes applicable to this shipment.
  </ns:DutiesAndTaxes>
  <ns:VariableHandlingCharges>
    The variable handling charges calculated based on the type variable handling charges requested.
  </ns:VariableHandlingCharges>
  <ns:TotalVariableHandlingCharges>
    The total of all variable handling charges at both shipment (order) and package level.
  </ns:TotalVariableHandlingCharges>
</ShipmentRateDetail>
  
```


namespace	http://fedex.com/ws/rate/v7
children	ns:RateType ns:RateScale ns:RateZone ns:PricingCode ns:RatedWeightMethod ns:MinimumChargeType ns:CurrencyExchangeRate ns:SpecialRatingApplied ns:DimDivisor ns:FuelSurchargePercent ns:TotalBillingWeight ns:TotalDimWeight ns:TotalBaseCharge ns:TotalFreightDiscounts ns:TotalNetFreight ns:TotalSurcharges ns:TotalNetFedExCharge ns:TotalTaxes ns:TotalNetCharge ns:TotalRebates ns:TotalDutiesAndTaxes ns:TotalNetChargeWithDutiesAndTaxes ns:FreightRateDetail ns:FreightDiscounts ns:Rebates ns:Surcharges ns:Taxes ns:DutiesAndTaxes ns:VariableHandlingCharges ns:TotalVariableHandlingCharges
used by	element RatedShipmentDetail/ShipmentRateDetail
annotation	documentation Shipment level rate information. Currently this is the same as the package level rate information.
source	<pre> <xs:complexType name="ShipmentRateDetail"> <xs:annotation> <xs:documentation>Shipment level rate information. Currently this is the same as the package level rate information.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0"> <xs:annotation> <xs:documentation>The type of rates this information contains either account based or list rates.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RateScale" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The FedEx rate scale used to calculate these rates.</xs:documentation> <xs:appinfo> <xs:MaxLength>5</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="RateZone" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The FedEx rate zone used to calculate these rates.</xs:documentation> <xs:appinfo> <xs:MaxLength>1</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="PricingCode" type="ns:PricingCodeType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the type of pricing used for this shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RatedWeightMethod" type="ns:RatedWeightMethod" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates which weight was used.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MinimumChargeType" type="ns:MinimumChargeType" minOccurs="0"> <xs:annotation> <xs:documentation>INTERNAL FEDEX USE ONLY.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyExchangeRate" type="ns:CurrencyExchangeRate" minOccurs="0"> </pre>

```

<xs:annotation>
  <xs:documentation>Specifies the currency exchange performed on financial amounts for this
rate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="SpecialRatingApplied" type="ns:SpecialRatingAppliedType" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates which special rating cases applied to this
shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DimDivisor" type="xs:nonNegativeInteger" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The value used to calculate the weight based on the
dimensions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FuelSurchargePercent" type="xs:decimal" minOccurs="0">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
</xs:element>
<xs:element name="TotalBillingWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight used to calculate these rates.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalDimWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The dimensional weith used to calculate these rates, if
applicable.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalBaseCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
</xs:element>
<xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total discounts used in the rate calculation.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetFreight" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The freight charge minus discounts.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total amount of all surcharges applied to this
shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetFedExCharge" type="ns:Money" minOccurs="0"/>

```

```

<xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total amount of all taxes applied to this shipment. Currently not
supported.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetCharge" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The net charge after applying all discounts and
surcharges.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalRebates" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total sum of all rebates applied to this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalDutiesAndTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Total of all values under this shipment's dutiesAndTaxes; only provided if
estimated duties and taxes were calculated for this shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalNetChargeWithDutiesAndTaxes" type="ns:Money" minOccurs="0">
  <xs:annotation>
    <xs:documentation>This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if
estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation
charges are all paid by the same sender's account.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightRateDetail" type="ns:FreightRateDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Rate data specific to FedEx Freight and FedEx National Freight
services.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightDiscounts" type="ns:RateDiscount" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of discounts that were applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the surcharges applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the surcharges applied to this package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>A list of the taxes applied to this package.</xs:documentation>
  </xs:annotation>

```

```
</xs:annotation>
</xs:element>
<xs:element name="DutiesAndTaxes" type="ns:EdtCommodityTax" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>All commodity-based duties and taxes applicable to this
shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VariableHandlingCharges" type="ns:VariableHandlingCharges"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The variable handling charges calculated based on the type variable
handling charges requested.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TotalVariableHandlingCharges" type="ns:VariableHandlingCharges"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The total of all variable handling charges at both shipment (order) and
package level.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType ShipmentSpecialServicesRequested

diagram

ShipmentSpecialServicesReque...

Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the SpecialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.

ns:SpecialServiceTypes

0..∞

Identifies the collection of special service types requested by the shipper. See SpecialServiceTypes for the list of valid enumerated types.

ns:CodDetail

Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment. This element is required when SpecialServiceType.COD is present in the SpecialServiceTypes collection.

ns:CodCollectionAmount

Descriptive data for the customer supplied COD collect amount. Data format for the amount element is two explicit decimal positions (e.g. 5.00). For Express COD services only, for Ground COD services use CodCollectionAmount

ns:HoldAtLocationDetail

Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient. This element is required when SpecialServiceType.HOLD_AT_LOCATION is present in the SpecialServiceTypes collection.

ns:EmailNotificationDetail

Descriptive data required for FedEx to provide email notification to the customer regarding the shipment. This element is required when SpecialServiceType.EMAIL_NOTIFICATION is present in the SpecialServiceTypes collection.

ns:ReturnShipmentDetail

The descriptive data required for FedEx Printed Return Label. This element is required when SpecialServiceType.PRINTED_RETURN_LABEL is present in the SpecialServiceTypes collection

ns:PendingShipmentDetail

Details used while creating a pending shipment

ns:ShipmentDryIceDetail

The number of packages with dry ice and the total weight of the dry ice.

ns:HomeDeliveryPremiumDetail

The descriptive data required for FedEx Home Delivery options. This element is required when SpecialServiceType.HOME_DELIVERY_PREMIUM is present in the SpecialServiceTypes collection

ns:FlatbedTrailerDetail

?

ns:FreightGuaranteeDetail

?

ns:EtdDetail

namespace	http://fedex.com/ws/rate/v7
children	ns:SpecialServiceTypes ns:CodDetail ns:CodCollectionAmount ns:HoldAtLocationDetail ns:EmailNotificationDetail ns:ReturnShipmentDetail ns:PendingShipmentDetail ns:ShipmentDryIceDetail ns:HomeDeliveryPremiumDetail ns:FlatbedTrailerDetail ns:FreightGuaranteeDetail ns:EtdDetail
used by	element RequestedShipment/SpecialServicesRequested
annotation	documentation Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.
source	<pre> <xs:complexType name="ShipmentSpecialServicesRequested"> <xs:annotation> <xs:documentation>Descriptive data regarding special services requested by the shipper for a shipment. If the shipper is requesting a special service which requires additional data (e.g. COD), the special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object. For example, to request COD, "COD" must be included in the SpecialServiceTypes collection and the CodDetail object must contain the required data.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SpecialServiceTypes" type="ns:ShipmentSpecialServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Identifies the collection of special service types requested by the shipper. See SpecialServiceTypes for the list of valid enumerated types.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CodDetail" type="ns:CodDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment. This element is required when SpecialServiceType.COD is present in the SpecialServiceTypes collection.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CodCollectionAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data for the customer supplied COD collect amount. Data format for the amount element is two explicit decimal positions (e.g. 5.00). For Express COD services only, for Ground COD services use the package level CodCollectionAmount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="HoldAtLocationDetail" type="ns:HoldAtLocationDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient. This element is required when SpecialServiceType.HOLD_AT_LOCATION is present in the SpecialServiceTypes collection.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EmailNotificationDetail" type="ns:EmailNotificationDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data required for FedEx to provide email notification to the customer regarding the shipment. This element is required when SpecialServiceType.EMAIL_NOTIFICATION is present in the SpecialServiceTypes </pre>

```

collection.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ReturnShipmentDetail" type="ns:ReturnShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The descriptive data required for FedEx Printed Return Label. This
element is required when SpecialServiceType.PRINTED_RETURN_LABEL is present in the
SpecialServiceTypes collection</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="PendingShipmentDetail" type="ns:PendingShipmentDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details used while creating a pending shipment</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ShipmentDryIceDetail" type="ns:ShipmentDryIceDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The number of packages with dry ice and the total weight of the dry
ice.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HomeDeliveryPremiumDetail" type="ns:HomeDeliveryPremiumDetail"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The descriptive data required for FedEx Home Delivery options. This
element is required when SpecialServiceType.HOME_DELIVERY_PREMIUM is present in the
SpecialServiceTypes collection</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FlatbedTrailerDetail" type="ns:FlatbedTrailerDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FreightGuaranteeDetail" type="ns:FreightGuaranteeDetail" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="EtdDetail" type="ns:EtdDetail" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

```

complexType ShippingDocumentFormat

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:ImageType ns:StockType ns:ProvideInstructions ns:Localization
used by	elements CertificateOfOriginDetail/DocumentFormat CommercialInvoiceDetail/Format GeneralAgencyAgreementDetail/Format NaftaCertificateOfOriginDetail/Format
annotation	documentation Format of shipping documents
source	<pre> <xs:complexType name="ShippingDocumentFormat"> <xs:annotation> <xs:documentation>Format of shipping documents</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="StockType" type="ns:ShippingDocumentStockType" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="ProvideInstructions" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> <xs:element name="Localization" type="ns:Localization" minOccurs="0"> <xs:annotation> <xs:documentation>Governs the language to be used for this individual document, independently from other content returned for the same shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType ShippingDocumentSpecification

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:ShippingDocumentTypes ns:CustomerProvidedImages ns:NaftaCertificateOfOriginDetail ns:CommercialInvoiceDetail ns:GeneralAgencyAgreementDetail ns:CertificateOfOrigin
used by	element RequestedShipment/ShippingDocumentSpecification
annotation	documentation Description of shipping documents
source	<pre> <xs:complexType name="ShippingDocumentSpecification"> <xs:annotation> <xs:documentation>Description of shipping documents</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ShippingDocumentTypes" type="ns:RequestedShippingDocumentType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specify type of documents</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerProvidedImages" type="ns:CustomerProvidedImage" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="NaftaCertificateOfOriginDetail" type="ns:NaftaCertificateOfOriginDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Details pertaining to NAFTA COO.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialInvoiceDetail" type="ns:CommercialInvoiceDetail" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Details pertaining to the CI.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GeneralAgencyAgreementDetail" type="ns:GeneralAgencyAgreementDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Details pertaining to the GAA.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CertificateOfOrigin" type="ns:CertificateOfOriginDetail" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **SignatureOptionDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:OptionType ns:SignatureReleaseNumber
used by	element PackageSpecialServicesRequested/SignatureOptionDetail
annotation	documentation The descriptive data required for FedEx delivery signature services.
source	<pre> <xs:complexType name="SignatureOptionDetail"> <xs:annotation> <xs:documentation>The descriptive data required for FedEx delivery signature services.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="OptionType" type="ns:SignatureOptionType"> <xs:annotation> <xs:documentation>Identifies the delivery signature services option selected by the customer for this shipment. See OptionType for the list of valid values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignatureReleaseNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the delivery signature release authorization number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> <xs:MaxLength>10</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType SmartPostShipmentDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Indicia ns:AncillaryEndorsement ns:SpecialServices ns:HubId ns:CustomerManifestId
used by	element RequestedShipment/SmartPostDetail
annotation	documentation Data required for shipments handled under the SMART_POST and GROUND_SMART_POST service types.
source	<pre> <xs:complexType name="SmartPostShipmentDetail"> <xs:annotation> <xs:documentation>Data required for shipments handled under the SMART_POST and GROUND_SMART_POST service types.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Indicia" type="ns:SmartPostIndiciaType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AncillaryEndorsement" type="ns:SmartPostAncillaryEndorsementType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialServices" type="ns:SmartPostShipmentSpecialServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:element> <xs:element name="HubId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerManifestId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **Surcharge**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:SurchargeType ns:Level ns:Description ns:Amount
used by	elements ShipmentRateDetail/Surcharges PackageRateDetail/Surcharges
annotation	documentation Identifies each surcharge applied to the shipment.
source	<pre> <xs:complexType name="Surcharge"> <xs:annotation> <xs:documentation>Identifies each surcharge applied to the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SurchargeType" type="ns:SurchargeType" minOccurs="0"> <xs:annotation> <xs:documentation>The type of surcharge applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Level" type="ns:SurchargeLevelType" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Amount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The amount of the surcharge applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType Tax

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:TaxType ns:Description ns:Amount
used by	elements ShipmentRateDetail/Taxes PackageRateDetail/Taxes
annotation	documentation Identifies each tax applied to the shipment.
source	<pre> <xs:complexType name="Tax"> <xs:annotation> <xs:documentation>Identifies each tax applied to the shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TaxType" type="ns:TaxType" minOccurs="0"> <xs:annotation> <xs:documentation>The type of tax applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Amount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The amount of the tax applied to the shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType TaxpayerIdentification

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:TinType ns:Number
used by	element Party/Tin
annotation	documentation The descriptive data for taxpayer identification information.
source	<pre> <xs:complexType name="TaxpayerIdentification"> <xs:annotation> <xs:documentation>The descriptive data for taxpayer identification information.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TinType" type="ns:TinType"> <xs:annotation> <xs:documentation>Identifies the category of the taxpayer identification number. See TinType for the list of values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number" type="xs:string"> <xs:annotation> <xs:documentation>Identifies the taxpayer identification number.</xs:documentation> </xs:annotation> <xs:appinfo> <xs:MaxLength>18</xs:MaxLength> </xs:appinfo> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType TrackingId

diagram	
namespace	http://fedex.com/ws/rate/v7

children	ns:TrackingIdType ns:FormId ns:TrackingNumber
used by	element RatedPackageDetail/TrackingIds
source	<pre> <xs:complexType name="TrackingId"> <xs:sequence> <xs:element name="TrackingIdType" type="ns:TrackingIdType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FormId" type="xs:string" minOccurs="0"/> <xs:element name="TrackingNumber" type="xs:string"/> </xs:sequence> </xs:complexType> </pre>

complexType TransactionDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:CustomerTransactionId ns:Localization
used by	elements RateRequest/TransactionDetail RateReply/TransactionDetail
annotation	documentation Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.
source	<pre> <xs:complexType name="TransactionDetail"> <xs:annotation> <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="CustomerTransactionId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies a customer-supplied unique identifier for this transaction. It is returned in the reply message to aid in matching requests to replies.</xs:documentation> <xs:appinfo> <xs:MaxLength>40</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Localization" type="ns:Localization" minOccurs="0"> <xs:annotation> <xs:documentation>Governs any future language/translations applied to the data payload.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code> <code></xs:sequence></code> <code></xs:complexType></code>
--	---

complexType **UploadDocumentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:LineNumber ns:CustomerReference ns:DocumentProducer ns:DocumentType ns:FileName ns:DocumentContent
used by	element EtdDetail/Documents
annotation	documentation ?
source	<pre> <xs:complexType name="UploadDocumentDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LineNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DocumentProducer" type="ns:UploadDocumentProducerType" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DocumentType" type="ns:UploadDocumentType" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FileName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DocumentContent" type="xs:base64Binary" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType UploadDocumentReferenceDetail

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:LineNumber ns:CustomerReference ns:DocumentProducer ns:DocumentType ns:DocumentId ns:DocumentIdProducer
used by	element EtdDetail/DocumentReferences
annotation	documentation ?
source	<pre> <xs:complexType name="UploadDocumentReferenceDetail"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LineNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </pre>

```
</xs:element>
<xs:element name="CustomerReference" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentProducer" type="ns:UploadDocumentProducerType"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentType" type="ns:UploadDocumentType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentIdProducer" type="ns:UploadDocumentIdProducer"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>?</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType VariableHandlingChargeDetail

diagram	<p>VariableHandlingChargeDetail Details about how to calculate variable handling charges at the shipment level.</p> <p>ns:VariableHandlingChargeType The type of handling charge to be calculated and returned in the reply.</p> <p>ns:FixedValue Used with Variable handling charge type of FIXED_VALUE. Contains the amount to be added to the freight charge. Contains 2 explicit decimal positions with a total max length of 10 including the decimal.</p> <p>ns:PercentValue Used with Variable handling charge types PERCENTAGE_OF_BASE, PERCENTAGE_OF_NET or PERCENTAGE_OF_NET_EXCL_TAXES. Used to calculate the amount to be added to the freight charge. Contains 2 explicit decimal positions.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:VariableHandlingChargeType ns:FixedValue ns:PercentValue
used by	elements RequestedShipment/VariableHandlingChargeDetail RequestedPackageLineItem/VariableHandlingChargeDetail
annotation	documentation Details about how to calculate variable handling charges at the shipment level.
source	<pre> <xs:complexType name="VariableHandlingChargeDetail"> <xs:annotation> <xs:documentation>Details about how to calculate variable handling charges at the shipment level.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="VariableHandlingChargeType" type="ns:VariableHandlingChargeType"> <xs:annotation> <xs:documentation>The type of handling charge to be calculated and returned in the reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FixedValue" type="ns:Money" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Used with Variable handling charge type of FIXED_VALUE. Contains the amount to be added to the freight charge. Contains 2 explicit decimal positions with a total max length of 10 including the decimal. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="PercentValue" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>Used with Variable handling charge types PERCENTAGE_OF_BASE, PERCENTAGE_OF_NET or PERCENTAGE_OF_NET_EXCL_TAXES. Used to calculate the amount to be added to the freight charge. Contains 2 explicit decimal positions. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

complexType VariableHandlingCharges

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:VariableHandlingCharge ns:TotalCustomerCharge
used by	elements ShipmentRateDetail/TotalVariableHandlingCharges ShipmentRateDetail/VariableHandlingCharges PackageRateDetail/VariableHandlingCharges
annotation	documentation The variable handling charges calculated based on the type variable handling charges requested.
source	<pre> <xs:complexType name="VariableHandlingCharges"> <xs:annotation> <xs:documentation>The variable handling charges calculated based on the type variable handling charges requested.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="VariableHandlingCharge" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The variable handling charge amount calculated based on the requested variable handling charge detail.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalCustomerCharge" type="ns:Money" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>The calculated variable handling charge plus the net charge.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType VersionId

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:ServiceId ns:Major ns:Intermediate ns:Minor
used by	elements RateRequest/Version RateReply/Version
annotation	documentation Identifies the version/level of a service operation performed by the callee (in each reply).
source	<pre> <xs:complexType name="VersionId"> <xs:annotation> <xs:documentation>Identifies the version/level of a service operation performed by the callee (in each reply).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ServiceId" type="xs:string" fixed="crs"> <xs:annotation> <xs:documentation>Identifies a system or sub-system which performs an operation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Major" type="xs:int" fixed="7"> <xs:annotation> <xs:documentation>Identifies the service business level. For this release this value should be set to 1.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Intermediate" type="xs:int" fixed="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Identifies the service interface level. For this release this value should be set to 1.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Minor" type="xs:int" fixed="0"> <xs:annotation> <xs:documentation>Identifies the service code level. For this release this value should be set to 0.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType Volume

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Units ns:Value
used by	element FreightShipmentLineItem/Volume
annotation	documentation Three-dimensional volume/cubic measurement.
source	<pre> <xs:complexType name="Volume"> <xs:annotation> <xs:documentation>Three-dimensional volume/cubic measurement.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Units" type="ns:VolumeUnits" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType WebAuthenticationCredential

diagram	<p>WebAuthenticationCredential</p> <p>Two part authentication string used for the sender's identity</p> <p>ns:Key</p> <p>Identifying part of authentication credential. This value is provided by FedEx after registration</p> <p>ns:Password</p> <p>Secret part of authentication key. This value is provided by FedEx after registration.</p>
namespace	http://fedex.com/ws/rate/v7
children	ns:Key ns:Password
used by	element WebAuthenticationDetail/UserCredential
annotation	documentation Two part authentication string used for the sender's identity
source	<pre> <xs:complexType name="WebAuthenticationCredential"> <xs:annotation> <xs:documentation>Two part authentication string used for the sender's identity</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Key" type="xs:string"> <xs:annotation> <xs:documentation>Identifying part of authentication credential. This value is provided by FedEx after registration</xs:documentation> <xs:appinfo> <xs:MaxLength>16</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Password" type="xs:string"> <xs:annotation> <xs:documentation>Secret part of authentication key. This value is provided by FedEx after registration.</xs:documentation> <xs:appinfo> <xs:MaxLength>25</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType WebAuthenticationDetail

diagram	<p>WebAuthenticationDetail</p> <p>Used in authentication of the sender's identity.</p> <p>ns:UserCredential</p> <p>Credential used to authenticate a specific software application. This value is provided by FedEx after registration.</p>
namespace	http://fedex.com/ws/rate/v7

children	ns:UserCredential
used by	element RateRequest/WebAuthenticationDetail
annotation	documentation Used in authentication of the sender's identity.
source	<pre> <xs:complexType name="WebAuthenticationDetail"> <xs:annotation> <xs:documentation>Used in authentication of the sender's identity.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="UserCredential" type="ns:WebAuthenticationCredential"> <xs:annotation> <xs:documentation>Credential used to authenticate a specific software application. This value is provided by FedEx after registration.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType Weight

diagram	
namespace	http://fedex.com/ws/rate/v7
children	ns:Units ns:Value
used by	elements PackageRateDetail/BillingWeight PackageRateDetail/DimWeight PackageSpecialServicesRequested/DryIceWeight PackageRateDetail/OversizeWeight FreightShipmentDetail/PalletWeight ShipmentRateDetail/TotalBillingWeight ShipmentRateDetail/TotalDimWeight RequestedShipment/TotalWeight ShipmentDryIceDetail/TotalWeight Commodity/Weight FreightBaseCharge/Weight FreightShipmentLineItem/Weight RequestedPackageLineItem/Weight
annotation	documentation The descriptive data for the heaviness of an object.
source	<pre> <xs:complexType name="Weight"> <xs:annotation> <xs:documentation>The descriptive data for the heaviness of an object.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Units" type="ns:WeightUnits"> <xs:annotation> <xs:documentation>Identifies the unit of measure associated with a weight value. See WeightUnits for the list of valid enumerated values.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:decimal"> </pre>

	<pre> <xs:annotation> <xs:documentation>Identifies the weight value of the package/shipment. Contains 1 explicit decimal position</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	---

element **RateReply**

diagram	<pre> classDiagram class nsRateReply { nsHighestSeverity nsNotifications 1..∞ nsTransactionDetail 1..∞ nsVersion nsRateReplyDetails 0..∞ } class RateReply RateReply -- nsRateReply </pre>
namespace	http://fedex.com/ws/rate/v7
type	ns:RateReply
properties	content complex
children	ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:RateReplyDetails
source	<pre><xs:element name="RateReply" type="ns:RateReply"/></pre>

element **RateRequest**

diagram	<p>The diagram illustrates the structure of the ns:RateRequest element. It is a complex type containing the following children:</p> <ul style="list-style-type: none"> ns:WebAuthenticationDetail (required): Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services). ns:ClientDetail (required): Descriptive data identifying the client submitting the transaction. ns:TransactionDetail (optional): Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply. ns:Version (required): Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply). ns:ReturnTransitAndCommit (optional): ?? ns:CarrierCodes (optional): 0..∞ ns:VariableOptions (optional): 0..∞ ns:RequestedShipment (optional): ??
namespace	http://fedex.com/ws/rate/v7
type	ns:RateRequest
properties	content complex
children	ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ReturnTransitAndCommit ns:CarrierCodes ns:VariableOptions ns:RequestedShipment
source	<code><xs:element name="RateRequest" type="ns:RateRequest"/></code>

simpleType **AdditionalLabelsType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string

used by	element AdditionalLabelsDetail/Type		
facets	Kind	Value	annotation
	enumeration	BROKER	
	enumeration	CONSIGNEE	
	enumeration	CUSTOMS	
	enumeration	DESTINATION	
	enumeration	MANIFEST	
	enumeration	ORIGIN	
	enumeration	RECIPIENT	
	enumeration	SHIPPER	
annotation	documentation Identifies the type of additional labels.		
source	<pre><xs:simpleType name="AdditionalLabelsType"> <xs:annotation> <xs:documentation>Identifies the type of additional labels.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER"/> <xs:enumeration value="CONSIGNEE"/> <xs:enumeration value="CUSTOMS"/> <xs:enumeration value="DESTINATION"/> <xs:enumeration value="MANIFEST"/> <xs:enumeration value="ORIGIN"/> <xs:enumeration value="RECIPIENT"/> <xs:enumeration value="SHIPPER"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **B13AFilingOptionType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ExportDetail/B13AFilingOption	
facets	Kind	Value	annotation
	enumeration	FILED_ELECTRONICALLY	
	enumeration	MANUALLY_ATTACHED	
	enumeration	NOT_REQUIRED	
	enumeration	SUMMARY_REPORTING	
annotation	documentation		
	Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands.		
source	<xs:simpleType name="B13AFilingOptionType"> <xs:annotation> <xs:documentation> Specifies which filing option is being exercised by the customer. Required for non-document shipments originating in Canada destined for any country other than Canada, the United States, Puerto Rico or the U.S. Virgin Islands. </xs:documentation>		

	<pre> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FILED_ELECTRONICALLY"/> <xs:enumeration value="MANUALLY_ATTACHED"/> <xs:enumeration value="NOT_REQUIRED"/> <xs:enumeration value="SUMMARY_REPORTING"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **BarcodeSymbologyType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	CustomLabelBarcodeEntry/BarcodeSymbology DocTabContentBarcoded/Symbology	
facets	Kind	Value	annotation
	enumeration	CODABAR	
	enumeration	CODE128	
	enumeration	CODE128B	
	enumeration	CODE128C	
	enumeration	CODE39	
	enumeration	CODE93	
	enumeration	I2OF5	
	enumeration	MANUAL	
	enumeration	PDF417	
	enumeration	POSTNET	
	enumeration	UCC128	
source	<pre> <xs:simpleType name="BarcodeSymbologyType"> <xs:restriction base="xs:string"> <xs:enumeration value="CODABAR"/> <xs:enumeration value="CODE128"/> <xs:enumeration value="CODE128B"/> <xs:enumeration value="CODE128C"/> <xs:enumeration value="CODE39"/> <xs:enumeration value="CODE93"/> <xs:enumeration value="I2OF5"/> <xs:enumeration value="MANUAL"/> <xs:enumeration value="PDF417"/> <xs:enumeration value="POSTNET"/> <xs:enumeration value="UCC128"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **CarrierCodeType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	RateRequest/CarrierCodes	
facets	Kind	Value	annotation
	enumeration	FDXE	

	enumeration FDXG enumeration FXSP
annotation	documentation Identification of a FedEx operating company (transportation).
source	<pre> <xs:simpleType name="CarrierCodeType"> <xs:annotation> <xs:documentation>Identification of a FedEx operating company (transposition).</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FDXE"/> <xs:enumeration value="FDXG"/> <xs:enumeration value="FXSP"/> </xs:restriction> </xs:simpleType> </pre>

simpleType ClearanceBrokerageType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	InternationalDetail/ClearanceBrokerage	
facets	Kind	Value	annotation
	enumeration	BROKER_INCLUSIVE	
	enumeration	BROKER_INCLUSIVE_NON_RESIDENT_IMPORTER	
	enumeration	BROKER_SELECT	
	enumeration	BROKER_SELECT_NON_RESIDENT_IMPORTER	
	enumeration	BROKER_UNASSIGNED	
annotation	documentation Specifies the type of brokerage to be applied to a shipment.		
source	<pre> <xs:simpleType name="ClearanceBrokerageType"> <xs:annotation> <xs:documentation>Specifies the type of brokerage to be applied to a shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER_INCLUSIVE"/> <xs:enumeration value="BROKER_INCLUSIVE_NON_RESIDENT_IMPORTER"/> <xs:enumeration value="BROKER_SELECT"/> <xs:enumeration value="BROKER_SELECT_NON_RESIDENT_IMPORTER"/> <xs:enumeration value="BROKER_UNASSIGNED"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType CodAddTransportationChargesType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CodDetail/AddTransportationCharges	
facets	Kind	Value	annotation
	enumeration	ADD_ACCOUNT_COD_SURCHARGE	

	enumeration ADD_ACCOUNT_NET_CHARGE enumeration ADD_ACCOUNT_NET_FREIGHT enumeration ADD_ACCOUNT_TOTAL_CUSTOMER_CHARGE enumeration ADD_LIST_COD_SURCHARGE enumeration ADD_LIST_NET_CHARGE enumeration ADD_LIST_NET_FREIGHT enumeration ADD_LIST_TOTAL_CUSTOMER_CHARGE enumeration ADD_SHIPMENT_MULTIWEIGHT_NET_CHARGE enumeration ADD_SHIPMENT_MULTIWEIGHT_NET_FREIGHT enumeration ADD_SUM_OF_ACCOUNT_NET_CHARGES enumeration ADD_SUM_OF_ACCOUNT_NET_FREIGHT enumeration ADD_SUM_OF_LIST_NET_CHARGES enumeration ADD_SUM_OF_LIST_NET_FREIGHT
annotation	documentation Identifies what freight charges should be added to the COD collect amount.
source	<pre> <xs:simpleType name="CodAddTransportationChargesType"> <xs:annotation> <xs:documentation>Identifies what freight charges should be added to the COD collect amount.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADD_ACCOUNT_COD_SURCHARGE"/> <xs:enumeration value="ADD_ACCOUNT_NET_CHARGE"/> <xs:enumeration value="ADD_ACCOUNT_NET_FREIGHT"/> <xs:enumeration value="ADD_ACCOUNT_TOTAL_CUSTOMER_CHARGE"/> <xs:enumeration value="ADD_LIST_COD_SURCHARGE"/> <xs:enumeration value="ADD_LIST_NET_CHARGE"/> <xs:enumeration value="ADD_LIST_NET_FREIGHT"/> <xs:enumeration value="ADD_LIST_TOTAL_CUSTOMER_CHARGE"/> <xs:enumeration value="ADD_SHIPMENT_MULTIWEIGHT_NET_CHARGE"/> <xs:enumeration value="ADD_SHIPMENT_MULTIWEIGHT_NET_FREIGHT"/> <xs:enumeration value="ADD_SUM_OF_ACCOUNT_NET_CHARGES"/> <xs:enumeration value="ADD_SUM_OF_ACCOUNT_NET_FREIGHT"/> <xs:enumeration value="ADD_SUM_OF_LIST_NET_CHARGES"/> <xs:enumeration value="ADD_SUM_OF_LIST_NET_FREIGHT"/> </xs:restriction> </xs:simpleType> </pre>

simpleType CodCollectionType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CodDetail/CollectionType	
facets	Kind	Value	annotation
	enumeration	ANY	
	enumeration	CASH	
	enumeration	GUARANTEED_FUNDS	
annotation	documentation Identifies the type of funds FedEx should collect upon package delivery.		
source	<xs:simpleType name="CodCollectionType">		

	<pre> <xs:annotation> <xs:documentation>Identifies the type of funds FedEx should collect upon package delivery.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ANY"/> <xs:enumeration value="CASH"/> <xs:enumeration value="GUARANTEED_FUNDS"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **CodReturnReferenceIndicatorType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CodDetail/ReferenceIndicator	
facets	Kind	Value	annotation
	enumeration	INVOICE	
	enumeration	PO	
	enumeration	REFERENCE	
	enumeration	TRACKING	
annotation	documentation Indicates which type of reference information to include on the COD return shipping label.		
source	<pre> <xs:simpleType name="CodReturnReferenceIndicatorType"> <xs:annotation> <xs:documentation>Indicates which type of reference information to include on the COD return shipping label.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="INVOICE"/> <xs:enumeration value="PO"/> <xs:enumeration value="REFERENCE"/> <xs:enumeration value="TRACKING"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **CommitmentDelayType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	DelayDetail/Type	
facets	Kind	Value	annotation
	enumeration	HOLIDAY	
	enumeration	NON_WORKDAY	
	enumeration	NO_CITY_DELIVERY	
	enumeration	NO_HOLD_AT_LOCATION	
	enumeration	NO_LOCATION_DELIVERY	
	enumeration	NO_SERVICE_AREA_DELIVERY	
	enumeration	NO_SERVICE_AREA_SPECIAL_SERVICE_DELIVERY	

	enumeration NO_SPECIAL_SERVICE_DELIVERY enumeration NO_ZIP_DELIVERY enumeration WEEKEND enumeration WEEKEND_SPECIAL
annotation	documentation ??
source	<pre> <xs:simpleType name="CommitmentDelayType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="HOLIDAY"/> <xs:enumeration value="NON_WORKDAY"/> <xs:enumeration value="NO_CITY_DELIVERY"/> <xs:enumeration value="NO_HOLD_AT_LOCATION"/> <xs:enumeration value="NO_LOCATION_DELIVERY"/> <xs:enumeration value="NO_SERVICE_AREA_DELIVERY"/> <xs:enumeration value="NO_SERVICE_AREA_SPECIAL_SERVICE_DELIVERY"/> <xs:enumeration value="NO_SPECIAL_SERVICE_DELIVERY"/> <xs:enumeration value="NO_ZIP_DELIVERY"/> <xs:enumeration value="WEEKEND"/> <xs:enumeration value="WEEKEND_SPECIAL"/> </xs:restriction> </xs:simpleType> </pre>

simpleType CustomLabelCoordinateUnits

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CustomLabelDetail/CoordinateUnits	
facets	Kind	Value	annotation
	enumeration	MILS	
	enumeration	PIXELS	
annotation	documentation Valid values for CustomLabelCoordinateUnits		
source	<pre><xs:simpleType name="CustomLabelCoordinateUnits"> <xs:annotation> <xs:documentation>Valid values for CustomLabelCoordinateUnits</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="MILS"/> <xs:enumeration value="PIXELS"/> </xs:restriction> </xs:simpleType></pre>		

simpleType CustomerImageUsageType

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element CustomerImageUsage/Type

facets	<div>Kind</div> <div>enumeration</div> <div>Value</div> <div>LETTER_HEAD</div> <div>enumeration</div> <div>SIGNATURE</div> <div>annotation</div>
annotation	documentation ?
source	<pre><xs:simpleType name="CustomerImageUsageType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="LETTER_HEAD"/> <xs:enumeration value="SIGNATURE"/> </xs:restriction> </xs:simpleType></pre>

simpleType CustomerReferenceType

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element CustomerReference/CustomerReferenceType
facets	<div>Kind</div> <div>enumeration</div> <div>Value</div> <div>BILL_OF_LADING</div> <div>enumeration</div> <div>CUSTOMER_REFERENCE</div> <div>enumeration</div> <div>DEPARTMENT_NUMBER</div> <div>enumeration</div> <div>ELECTRONIC_PRODUCT_CODE</div> <div>enumeration</div> <div>INVOICE_NUMBER</div> <div>enumeration</div> <div>P_O_NUMBER</div> <div>enumeration</div> <div>SHIPMENT_INTEGRITY</div> <div>enumeration</div> <div>STORE_NUMBER</div> <div>annotation</div>
annotation	documentation The types of references available for use.
source	<pre><xs:simpleType name="CustomerReferenceType"> <xs:annotation> <xs:documentation>The types of references available for use.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BILL_OF_LADING"/> <xs:enumeration value="CUSTOMER_REFERENCE"/> <xs:enumeration value="DEPARTMENT_NUMBER"/> <xs:enumeration value="ELECTRONIC_PRODUCT_CODE"/> <xs:enumeration value="INVOICE_NUMBER"/> <xs:enumeration value="P_O_NUMBER"/> <xs:enumeration value="SHIPMENT_INTEGRITY"/> <xs:enumeration value="STORE_NUMBER"/> </xs:restriction> </xs:simpleType></pre>

simpleType DangerousGoodsAccessibilityType

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	element	DangerousGoodsDetail/Accessibility	
facets	Kind	Value	annotation
	enumeration	ACCESSIBLE	
	enumeration	INACCESSIBLE	
annotation	documentation Identifies whether or not the products being shipped are required to be accessible during delivery.		
source	<pre> <xs:simpleType name="DangerousGoodsAccessibilityType"> <xs:annotation> <xs:documentation>Identifies whether or not the products being shipped are required to be accessible during delivery.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ACCESSIBLE"/> <xs:enumeration value="INACCESSIBLE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **DayOfWeekType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	CommitDetail/BrokerCommitDayOfWeek CommitDetail/DayOfWeek DelayDetail/DayOfWeek RateReplyDetail/DeliveryDayOfWeek FreightServiceCenterDetail/LimitedServiceDays CommitDetail/ProofOfDeliveryDayOfWeek	
facets	Kind	Value	annotation
	enumeration	FRI	
	enumeration	MON	
	enumeration	SAT	
	enumeration	SUN	
	enumeration	THU	
	enumeration	TUE	
	enumeration	WED	
annotation	documentation Valid values for DayofWeekType		
source	<pre> <xs:simpleType name="DayOfWeekType"> <xs:annotation> <xs:documentation>Valid values for DayofWeekType</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FRI"/> <xs:enumeration value="MON"/> <xs:enumeration value="SAT"/> <xs:enumeration value="SUN"/> <xs:enumeration value="THU"/> <xs:enumeration value="TUE"/> <xs:enumeration value="WED"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType DelayLevelType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	DelayDetail/Level	
facets	Kind	Value	annotation
	enumeration	CITY	
	enumeration	COUNTRY	
	enumeration	LOCATION	
	enumeration	POSTAL_CODE	
	enumeration	SERVICE_AREA	
	enumeration	SERVICE_AREA_SPECIAL_SERVICE	
	enumeration	SPECIAL_SERVICE	
annotation	documentation ??		
source	<pre> <xs:simpleType name="DelayLevelType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CITY"/> <xs:enumeration value="COUNTRY"/> <xs:enumeration value="LOCATION"/> <xs:enumeration value="POSTAL_CODE"/> <xs:enumeration value="SERVICE_AREA"/> <xs:enumeration value="SERVICE_AREA_SPECIAL_SERVICE"/> <xs:enumeration value="SPECIAL_SERVICE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType DelayPointType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	DelayDetail/Point	
facets	Kind	Value	annotation
	enumeration	BROKER	
	enumeration	DESTINATION	
	enumeration	ORIGIN	
	enumeration	ORIGIN_DESTINATION_PAIR	
	enumeration	PROOF_OF_DELIVERY_POINT	
annotation	documentation ??		
source	<pre> <xs:simpleType name="DelayPointType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER"/> <xs:enumeration value="DESTINATION"/> <xs:enumeration value="ORIGIN"/> </xs:restriction> </xs:simpleType> </pre>		

	<pre> <xs:enumeration value="ORIGIN_DESTINATION_PAIR"/> <xs:enumeration value="PROOF_OF_DELIVERY_POINT"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **DestinationControlStatementType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	DestinationControlDetail/StatementTypes	
facets	Kind enumeration enumeration	Value DEPARTMENT_OF_COMMERCE DEPARTMENT_OF_STATE	annotation
annotation	documentation Used to indicate whether the Destination Control Statement is of type Department of Commerce, Department of State or both.		
source	<pre><xs:simpleType name="DestinationControlStatementType"> <xs:annotation> <xs:documentation>Used to indicate whether the Destination Control Statement is of type Department of Commerce, Department of State or both.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DEPARTMENT_OF_COMMERCE"/> <xs:enumeration value="DEPARTMENT_OF_STATE"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **DistanceUnits**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Distance/Units	
facets	Kind	Value	annotation
	enumeration	KM	
	enumeration	MI	
annotation	documentation ?		
source	<pre><xs:simpleType name="DistanceUnits"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="KM"/> <xs:enumeration value="MI"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **DocTabContentType**

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	element	DocTabContent/DocTabContentType	
facets	Kind	Value	annotation
	enumeration	BARCODED	
	enumeration	MINIMUM	
	enumeration	STANDARD	
	enumeration	ZONE001	
source	<pre><xs:simpleType name="DocTabContentType"> <xs:restriction base="xs:string"> <xs:enumeration value="BARCODED"/> <xs:enumeration value="MINIMUM"/> <xs:enumeration value="STANDARD"/> <xs:enumeration value="ZONE001"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **DocTabZoneJustificationType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	DocTabZoneSpecification/Justification	
facets	Kind	Value	annotation
	enumeration	LEFT	
	enumeration	RIGHT	
source	<pre><xs:simpleType name="DocTabZoneJustificationType"> <xs:restriction base="xs:string"> <xs:enumeration value="LEFT"/> <xs:enumeration value="RIGHT"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **DropoffType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	RequestedShipment/DropoffType	
facets	Kind	Value	annotation
	enumeration	BUSINESS_SERVICE_CENTER	
	enumeration	DROP_BOX	
	enumeration	REGULAR_PICKUP	
	enumeration	REQUEST_COURIER	
	enumeration	STATION	
annotation	documentation	Identifies the method by which the package is to be tendered to FedEx. This element does not dispatch a courier for package pickup.	
source	<pre><xs:simpleType name="DropoffType"> <xs:annotation> <xs:documentation>Identifies the method by which the package is to be tendered to FedEx. This</pre>		

	element does not dispatch a courier for package pickup.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BUSINESS_SERVICE_CENTER"/> <xs:enumeration value="DROP_BOX"/> <xs:enumeration value="REGULAR_PICKUP"/> <xs:enumeration value="REQUEST_COURIER"/> <xs:enumeration value="STATION"/> </xs:restriction> </xs:simpleType>
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simpleType EMailNotificationFormatType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	EEmailNotificationRecipient/Format	
facets	Kind	Value	annotation
	enumeration	HTML	
	enumeration	TEXT	
	enumeration	WIRELESS	
annotation	documentation	A unique format can be specified for each email address indicated. The format will apply to notification emails sent to a particular email address..	
source	<pre><xs:simpleType name="EEmailNotificationFormatType"> <xs:annotation> <xs:documentation>A unique format can be specified for each email address indicated. The format will apply to notification emails sent to a particular email address..</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="HTML"/> <xs:enumeration value="TEXT"/> <xs:enumeration value="WIRELESS"/> </xs:restriction> </xs:simpleType></pre>		

simpleType EMailNotificationRecipientType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	EEmailNotificationRecipient/EEmailNotificationRecipientType	
facets	Kind	Value	annotation
	enumeration	BROKER	
	enumeration	OTHER	
	enumeration	RECIPIENT	
	enumeration	SHIPPER	
annotation	documentation	Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT and BROKER the email address associated with their definitions will be used, any email address sent with the email notification for these three email notification recipient types will be ignored.	
source	<xs:simpleType name="EEmailNotificationRecipientType"> <xs:annotation>		

	<pre> <xs:documentation>Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT and BROKER the email address associated with their definitions will be used, any email address sent with the email notification for these three email notification recipient types will be ignored.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="RECIPIENT"/> <xs:enumeration value="SHIPPER"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType EdtRequestType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	RequestedShipment/EdtRequestType	
facets	Kind	Value	annotation
	enumeration	ALL	
	enumeration	NONE	
annotation	documentation Specifies the types of Estimated Duties and Taxes to be included in a rate quotation for an international shipment.		
source	<pre> <xs:simpleType name="EdtRequestType"> <xs:annotation> <xs:documentation>Specifies the types of Estimated Duties and Taxes to be included in a rate quotation for an international shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ALL"/> <xs:enumeration value="NONE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType EdtTaxType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	EdtTaxDetail/TaxType	
facets	Kind	Value	annotation
	enumeration	ADDITIONAL_TAXES	
	enumeration	CONSULAR_INVOICE_FEE	
	enumeration	CUSTOMS_SURCHARGES	
	enumeration	DUTY	
	enumeration	EXCISE_TAX	
	enumeration	FOREIGN_EXCHANGE_TAX	
	enumeration	GENERAL_SALES_TAX	
	enumeration	IMPORT_LICENSE_FEE	
	enumeration	INTERNAL_ADDITIONAL_TAXES	

	enumeration INTERNAL_SENSITIVE_PRODUCTS_TAX enumeration OTHER enumeration SENSITIVE_PRODUCTS_TAX enumeration STAMP_TAX enumeration STATISTICAL_TAX enumeration TRANSPORT_FACILITIES_TAX
annotation	documentation ?
source	<pre> <xs:simpleType name="EdtTaxType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADDITIONAL_TAXES"/> <xs:enumeration value="CONSULAR_INVOICE_FEE"/> <xs:enumeration value="CUSTOMS_SURCHARGES"/> <xs:enumeration value="DUTY"/> <xs:enumeration value="EXCISE_TAX"/> <xs:enumeration value="FOREIGN_EXCHANGE_TAX"/> <xs:enumeration value="GENERAL_SALES_TAX"/> <xs:enumeration value="IMPORT_LICENSE_FEE"/> <xs:enumeration value="INTERNAL_ADDITIONAL_TAXES"/> <xs:enumeration value="INTERNAL_SENSITIVE_PRODUCTS_TAX"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="SENSITIVE_PRODUCTS_TAX"/> <xs:enumeration value="STAMP_TAX"/> <xs:enumeration value="STATISTICAL_TAX"/> <xs:enumeration value="TRANSPORT_FACILITIES_TAX"/> </xs:restriction> </xs:simpleType> </pre>

simpleType ExpressRegionCode

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ClientDetail/Region	
facets	Kind	Value	annotation
	enumeration	APAC	
	enumeration	CA	
	enumeration	EMEA	
	enumeration	LAC	
	enumeration	US	
annotation	documentation	Indicates a FedEx Express operating region.	
source	<pre><xs:simpleType name="ExpressRegionCode"> <xs:annotation> <xs:documentation>Indicates a FedEx Express operating region.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="APAC"/> <xs:enumeration value="CA"/> </xs:restriction> </xs:simpleType></pre>		

	<pre> <xs:enumeration value="EMEA"/> <xs:enumeration value="LAC"/> <xs:enumeration value="US"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType FlatbedTrailerOption

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	FlatbedTrailerDetail/Options	
facets	Kind	Value	annotation
	enumeration	OVER_DIMENSION	
	enumeration	TARP	
annotation	documentation ?		
source	<pre><xs:simpleType name="FlatbedTrailerOption"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="OVER_DIMENSION"/> <xs:enumeration value="TARP"/> </xs:restriction> </xs:simpleType></pre>		

simpleType FreightAccountPaymentType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	FreightShipmentDetail/PaymentType	
facets	Kind	Value	annotation
	enumeration	COLLECT	
	enumeration	PREPAID	
annotation	documentation ?		
source	<pre><xs:simpleType name="FreightAccountPaymentType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COLLECT"/> <xs:enumeration value="PREPAID"/> </xs:restriction> </xs:simpleType></pre>		

simpleType FreightChargeBasisType

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	element	FreightBaseCharge/ChargeBasis	
facets	Kind	Value	annotation
	enumeration	CWT	
	enumeration	FLAT	
	enumeration	MINIMUM	
annotation	documentation ?		
source	<pre><xs:simpleType name="FreightChargeBasisType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CWT"/> <xs:enumeration value="FLAT"/> <xs:enumeration value="MINIMUM"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **FreightClassType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	FreightBaseCharge/FreightClass FreightShipmentLineItem/FreightClass FreightBaseCharge/RatedAsClass	
facets	Kind	Value	annotation
	enumeration	CLASS_050	
	enumeration	CLASS_055	
	enumeration	CLASS_060	
	enumeration	CLASS_065	
	enumeration	CLASS_070	
	enumeration	CLASS_077_5	
	enumeration	CLASS_085	
	enumeration	CLASS_092_5	
	enumeration	CLASS_100	
	enumeration	CLASS_110	
	enumeration	CLASS_125	
	enumeration	CLASS_150	
	enumeration	CLASS_175	
	enumeration	CLASS_200	
	enumeration	CLASS_250	
	enumeration	CLASS_300	
	enumeration	CLASS_400	
	enumeration	CLASS_500	
annotation	documentation	These values represent the industry-standard freight classes used for FedEx Freight and FedEx National Freight shipment description. (Note: The alphabetic prefixes are required to distinguish these values from decimal numbers on some client platforms.)	
source	<xs:simpleType name="FreightClassType"> <xs:annotation>		

	<pre> <xs:documentation>These values represent the industry-standard freight classes used for FedEx Freight and FedEx National Freight shipment description. (Note: The alphabetic prefixes are required to distinguish these values from decimal numbers on some client platforms.)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CLASS_050"/> <xs:enumeration value="CLASS_055"/> <xs:enumeration value="CLASS_060"/> <xs:enumeration value="CLASS_065"/> <xs:enumeration value="CLASS_070"/> <xs:enumeration value="CLASS_077_5"/> <xs:enumeration value="CLASS_085"/> <xs:enumeration value="CLASS_092_5"/> <xs:enumeration value="CLASS_100"/> <xs:enumeration value="CLASS_110"/> <xs:enumeration value="CLASS_125"/> <xs:enumeration value="CLASS_150"/> <xs:enumeration value="CLASS_175"/> <xs:enumeration value="CLASS_200"/> <xs:enumeration value="CLASS_250"/> <xs:enumeration value="CLASS_300"/> <xs:enumeration value="CLASS_400"/> <xs:enumeration value="CLASS_500"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **FreightGuaranteeType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	ServiceSubOptionDetail/FreightGuarantee FreightGuaranteeDetail/Type	
facets	Kind	Value	annotation
	enumeration	GUARANTEED_DATE	
	enumeration	GUARANTEED_MORNING	
	enumeration	GUARANTEED_TIME	
annotation	documentation ?		
source	<pre> <xs:simpleType name="FreightGuaranteeType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="GUARANTEED_DATE"/> <xs:enumeration value="GUARANTEED_MORNING"/> <xs:enumeration value="GUARANTEED_TIME"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **FreightServiceSchedulingType**

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	element	FreightServiceCenterDetail/LocalServiceScheduling	
facets	Kind	Value	annotation
	enumeration	LIMITED	
	enumeration	STANDARD	
	enumeration	WILL_CALL	
annotation	documentation	Specifies the type of service scheduling offered from a Freight or National Freight Service Center to a customer-supplied address.	
source	<pre><xs:simpleType name="FreightServiceSchedulingType"> <xs:annotation> <xs:documentation>Specifies the type of service scheduling offered from a Freight or National Freight Service Center to a customer-supplied address.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="LIMITED"/> <xs:enumeration value="STANDARD"/> <xs:enumeration value="WILL_CALL"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **FreightShipmentRoleType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	FreightShipmentDetail/Role	
facets	Kind	Value	annotation
	enumeration	CONSIGNEE	
	enumeration	SHIPPER	
	enumeration	THIRD_PARTY	
annotation	documentation	Indicates the role of the party submitting the transaction.	
source	<pre><xs:simpleType name="FreightShipmentRoleType"> <xs:annotation> <xs:documentation>Indicates the role of the party submitting the transaction.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CONSIGNEE"/> <xs:enumeration value="SHIPPER"/> <xs:enumeration value="THIRD_PARTY"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **HomeDeliveryPremiumType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	HomeDeliveryPremiumDetail/HomeDeliveryPremiumType	

facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration</div> <div>enumeration</div> <div>enumeration</div> <div>APPOINTMENT</div> <div>DATE_CERTAIN</div> <div>EVENING</div>
annotation	<div>documentation</div> <div>The type of Home Delivery Premium service being requested.</div>
source	<pre> <xs:simpleType name="HomeDeliveryPremiumType"> <xs:annotation> <xs:documentation>The type of Home Delivery Premium service being requested.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="APPOINTMENT"/> <xs:enumeration value="DATE_CERTAIN"/> <xs:enumeration value="EVENING"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **InternationalDocumentContentType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	<div>element</div> <div>InternationalDetail/DocumentContent</div>
facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration</div> <div>enumeration</div> <div>DOCUMENTS_ONLY</div> <div>NON_DOCUMENTS</div>
annotation	<div>documentation</div> <div>The type of International shipment.</div>
source	<pre> <xs:simpleType name="InternationalDocumentContentType"> <xs:annotation> <xs:documentation>The type of International shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DOCUMENTS_ONLY"/> <xs:enumeration value="NON_DOCUMENTS"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **LabelFormatType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	<div>element</div> <div>LabelSpecification/LabelFormatType</div>
facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration</div> <div>enumeration</div> <div>enumeration</div> <div>enumeration</div> <div>enumeration</div> <div>COMMON2D</div> <div>LABEL_DATA_ONLY</div> <div>MAILROOM</div> <div>NO_LABEL</div> <div>PRE_COMMON2D</div>

annotation	documentation Specifies the type of label to be returned.
source	<pre> <xs:simpleType name="LabelFormatType"> <xs:annotation> <xs:documentation>Specifies the type of label to be returned.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COMMON2D"/> <xs:enumeration value="LABEL_DATA_ONLY"/> <xs:enumeration value="MAILROOM"/> <xs:enumeration value="NO_LABEL"/> <xs:enumeration value="PRE_COMMON2D"/> </xs:restriction> </xs:simpleType> </pre>

simpleType LabelMaskableDataType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CustomerSpecifiedLabelDetail/MaskedData	
facets	Kind	Value	annotation
	enumeration	CUSTOMS_VALUE	
	enumeration	DIMENSIONS	
	enumeration	DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER	
	enumeration	FREIGHT_PAYOR_ACCOUNT_NUMBER	
	enumeration	PACKAGE_SEQUENCE_AND_COUNT	
	enumeration	SHIPPER_ACCOUNT_NUMBER	
	enumeration	SUPPLEMENTAL_LABEL_DOC_TAB	
	enumeration	TERMS_AND_CONDITIONS	
	enumeration	TOTAL_WEIGHT	
	enumeration	TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER	
annotation	documentation Names for data elements / areas which may be suppressed from printing on labels.		
source	<pre> <xs:simpleType name="LabelMaskableDataType"> <xs:annotation> <xs:documentation>Names for data elements / areas which may be suppressed from printing on labels.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMS_VALUE"/> <xs:enumeration value="DIMENSIONS"/> <xs:enumeration value="DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER"/> <xs:enumeration value="FREIGHT_PAYOR_ACCOUNT_NUMBER"/> <xs:enumeration value="PACKAGE_SEQUENCE_AND_COUNT"/> <xs:enumeration value="SHIPPER_ACCOUNT_NUMBER"/> <xs:enumeration value="SUPPLEMENTAL_LABEL_DOC_TAB"/> <xs:enumeration value="TERMS_AND_CONDITIONS"/> <xs:enumeration value="TOTAL_WEIGHT"/> <xs:enumeration value="TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType LabelPrintingOrientationType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	LabelSpecification/LabelPrintingOrientation	
facets	Kind	Value	annotation
	enumeration	BOTTOM_EDGE_OF_TEXT_FIRST	
	enumeration	TOP_EDGE_OF_TEXT_FIRST	
annotation	documentation This indicates if the top or bottom of the label comes out of the printer first.		
source	<pre> <xs:simpleType name="LabelPrintingOrientationType"> <xs:annotation> <xs:documentation>This indicates if the top or bottom of the label comes out of the printer first.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BOTTOM_EDGE_OF_TEXT_FIRST"/> <xs:enumeration value="TOP_EDGE_OF_TEXT_FIRST"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType LabelRotationType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	LabelSpecification/LabelRotation	
facets	Kind	Value	annotation
	enumeration	NONE	
	enumeration	RIGHT	
	enumeration	UPSIDE_DOWN	
	enumeration	LEFT	
annotation	documentation Relative to normal orientation for the printer. RIGHT=90 degrees clockwise, UPSIDE_DOWN=180 degrees, LEFT=90 degrees counterclockwise.		
source	<pre> <xs:simpleType name="LabelRotationType"> <xs:annotation> <xs:documentation>Relative to normal orientation for the printer. RIGHT=90 degrees clockwise, UPSIDE_DOWN=180 degrees, LEFT=90 degrees counterclockwise.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NONE"/> <xs:enumeration value="RIGHT"/> <xs:enumeration value="UPSIDE_DOWN"/> <xs:enumeration value="LEFT"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **LabelStockType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	LabelSpecification/LabelStockType	
facets	Kind	Value	annotation
	enumeration	PAPER_4X6	
	enumeration	PAPER_4X8	
	enumeration	PAPER_4X9	
	enumeration	PAPER_7X4.75	
	enumeration	PAPER_8.5X11_BOTTOM_HALF_LABEL	
	enumeration	PAPER_8.5X11_TOP_HALF_LABEL	
	enumeration	STOCK_4X6	
	enumeration	STOCK_4X6.75_LEADING_DOC_TAB	
	enumeration	STOCK_4X6.75_TRAILING_DOC_TAB	
	enumeration	STOCK_4X8	
	enumeration	STOCK_4X9_LEADING_DOC_TAB	
	enumeration	STOCK_4X9_TRAILING_DOC_TAB	
annotation	documentation	For thermal printer labels this indicates the size of the label and the location of the doc tab if present.	
source	<pre><xs:simpleType name="LabelStockType"> <xs:annotation> <xs:documentation>For thermal printer labels this indicates the size of the label and the location of the doc tab if present.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="PAPER_4X6"/> <xs:enumeration value="PAPER_4X8"/> <xs:enumeration value="PAPER_4X9"/> <xs:enumeration value="PAPER_7X4.75"/> <xs:enumeration value="PAPER_8.5X11_BOTTOM_HALF_LABEL"/> <xs:enumeration value="PAPER_8.5X11_TOP_HALF_LABEL"/> <xs:enumeration value="STOCK_4X6"/> <xs:enumeration value="STOCK_4X6.75_LEADING_DOC_TAB"/> <xs:enumeration value="STOCK_4X6.75_TRAILING_DOC_TAB"/> <xs:enumeration value="STOCK_4X8"/> <xs:enumeration value="STOCK_4X9_LEADING_DOC_TAB"/> <xs:enumeration value="STOCK_4X9_TRAILING_DOC_TAB"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **LinearUnits**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Dimensions/Units	
facets	Kind	Value	annotation
	enumeration	CM	
	enumeration	IN	
annotation	documentation	CM = centimeters, IN = inches	

source	<pre> <xs:simpleType name="LinearUnits"> <xs:annotation> <xs:documentation>CM = centimeters, IN = inches</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CM"/> <xs:enumeration value="IN"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **MinimumChargeType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	ShipmentRateDetail/MinimumChargeType PackageRateDetail/MinimumChargeType	
facets	Kind	Value	annotation
	enumeration	CUSTOMER	
	enumeration	CUSTOMER_FREIGHT_WEIGHT	
	enumeration	EARNED_DISCOUNT	
	enumeration	RATE_SCALE	
	enumeration	MIXED	
annotation	documentation Internal FedEx use only.		
source	<pre><xs:simpleType name="MinimumChargeType"> <xs:annotation> <xs:documentation>Internal FedEx use only.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="CUSTOMER_FREIGHT_WEIGHT"/> <xs:enumeration value="EARNED_DISCOUNT"/> <xs:enumeration value="RATE_SCALE"/> <xs:enumeration value="MIXED"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **NaftaImporterSpecificationType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	NaftaCertificateOfOriginDetail/ImporterSpecification	
facets	Kind	Value	annotation
	enumeration	IMPORTER_OF_RECORD	
	enumeration	RECIPIENT	
	enumeration	UNKNOWN	
	enumeration	VARIOUS	
annotation	documentation ?		
source	<xs:simpleType name="NaftaImporterSpecificationType">		

	<pre> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="IMPORTER_OF_RECORD"/> <xs:enumeration value="RECIPIENT"/> <xs:enumeration value="UNKNOWN"/> <xs:enumeration value="VARIOUS"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **NaftaNetCostMethodCode**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	NaftaCommodityDetail/NetCostMethod	
facets	Kind	Value	annotation
	enumeration	NC	
	enumeration	NO	
annotation	documentation		
	Net cost method used.		
source	<pre><xs:simpleType name="NaftaNetCostMethodCode"> <xs:annotation> <xs:documentation> Net cost method used. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NC"/> <xs:enumeration value="NO"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **NaftaPreferenceCriterionCode**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	NaftaCommodityDetail/PreferenceCriterion	
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	
annotation	documentation		
	See instructions for NAFTA Certificate of Origin for code definitions.		

source	<pre> <xs:simpleType name="NaftaPreferenceCriterionCode"> <xs:annotation> <xs:documentation> See instructions for NAFTA Certificate of Origin for code definitions. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="C"/> <xs:enumeration value="D"/> <xs:enumeration value="E"/> <xs:enumeration value="F"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **NaftaProducerDeterminationCode**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	NaftaCommodityDetail/ProducerDetermination	
facets	Kind	Value	annotation
	enumeration	NO_1	
	enumeration	NO_2	
	enumeration	NO_3	
	enumeration	YES	
annotation	documentation See instructions for NAFTA Certificate of Origin for code definitions.		
source	<pre> <xs:simpleType name="NaftaProducerDeterminationCode"> <xs:annotation> <xs:documentation> See instructions for NAFTA Certificate of Origin for code definitions. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NO_1"/> <xs:enumeration value="NO_2"/> <xs:enumeration value="NO_3"/> <xs:enumeration value="YES"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **NaftaProducerSpecificationType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	NaftaCertificateOfOriginDetail/ProducerSpecification	

facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>AVAILABLE_UPON_REQUEST</td><td></td></tr><tr><td>enumeration</td><td>MULTIPLE_SPECIFIED</td><td></td></tr><tr><td>enumeration</td><td>SAME</td><td></td></tr><tr><td>enumeration</td><td>SINGLE_SPECIFIED</td><td></td></tr><tr><td>enumeration</td><td>UNKNOWN</td><td></td></tr></table>	Kind	Value	annotation	enumeration	AVAILABLE_UPON_REQUEST		enumeration	MULTIPLE_SPECIFIED		enumeration	SAME		enumeration	SINGLE_SPECIFIED		enumeration	UNKNOWN	
Kind	Value	annotation																	
enumeration	AVAILABLE_UPON_REQUEST																		
enumeration	MULTIPLE_SPECIFIED																		
enumeration	SAME																		
enumeration	SINGLE_SPECIFIED																		
enumeration	UNKNOWN																		
source	<pre><xs:simpleType name="NaftaProducerSpecificationType"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="AVAILABLE_UPON_REQUEST"/> <xs:enumeration value="MULTIPLE_SPECIFIED"/> <xs:enumeration value="SAME"/> <xs:enumeration value="SINGLE_SPECIFIED"/> <xs:enumeration value="UNKNOWN"/> </xs:restriction> </xs:simpleType></pre>																		

simpleType NotificationSeverityType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	RateReply/HighestSeverity Notification/Severity	
facets	Kind	Value	annotation
	enumeration	SUCCESS	
	enumeration	NOTE	
	enumeration	WARNING	
	enumeration	ERROR	
	enumeration	FAILURE	
annotation	documentation Identifies the set of severity values for a Notification.		
source	<pre><xs:simpleType name="NotificationSeverityType"> <xs:annotation> <xs:documentation>Identifies the set of severity values for a Notification.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SUCCESS"/> <xs:enumeration value="NOTE"/> <xs:enumeration value="WARNING"/> <xs:enumeration value="ERROR"/> <xs:enumeration value="FAILURE"/> </xs:restriction> </xs:simpleType></pre>		

simpleType OversizeClassType

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string

used by	element RatedPackageDetail/OverSizeClass		
facets	Kind	Value	annotation
	enumeration	OVERSIZE_1	
	enumeration	OVERSIZE_2	
	enumeration	OVERSIZE_3	
annotation	documentation The Oversize classification for a package.		
source	<pre><xs:simpleType name="OverSizeClassType"> <xs:annotation> <xs:documentation>The Oversize classification for a package.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="OVERSIZE_1"/> <xs:enumeration value="OVERSIZE_2"/> <xs:enumeration value="OVERSIZE_3"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **PackageSpecialServiceType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	PackageSpecialServicesRequested/SpecialServiceTypes	
facets	Kind	Value	annotation
	enumeration	APPOINTMENT_DELIVERY	
	enumeration	DANGEROUS_GOODS	
	enumeration	DRY_ICE	
	enumeration	NON_STANDARD_CONTAINER	
	enumeration	PRIORITY_ALERT	
	enumeration	SIGNATURE_OPTION	
annotation	documentation	Identifies the collection of special services offered by FedEx.	
source	<pre><xs:simpleType name="PackageSpecialServiceType"> <xs:annotation> <xs:documentation>Identifies the collection of special services offered by FedEx.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="APPOINTMENT_DELIVERY"/> <xs:enumeration value="DANGEROUS_GOODS"/> <xs:enumeration value="DRY_ICE"/> <xs:enumeration value="NON_STANDARD_CONTAINER"/> <xs:enumeration value="PRIORITY_ALERT"/> <xs:enumeration value="SIGNATURE_OPTION"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **PackagingType**

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	elements	RequestedShipment/PackagingType RateReplyDetail/PackagingType	
facets	Kind	Value	annotation
	enumeration	FEDEX_10KG_BOX	
	enumeration	FEDEX_25KG_BOX	
	enumeration	FEDEX_BOX	
	enumeration	FEDEX_ENVELOPE	
	enumeration	FEDEX_PAK	
	enumeration	FEDEX_TUBE	
	enumeration	YOUR_PACKAGING	
annotation	documentation	Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.	
source	<pre><xs:simpleType name="PackagingType"> <xs:annotation> <xs:documentation>Identifies the packaging used by the requestor for the package. See PackagingType for list of valid enumerated values.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FEDEX_10KG_BOX"/> <xs:enumeration value="FEDEX_25KG_BOX"/> <xs:enumeration value="FEDEX_BOX"/> <xs:enumeration value="FEDEX_ENVELOPE"/> <xs:enumeration value="FEDEX_PAK"/> <xs:enumeration value="FEDEX_TUBE"/> <xs:enumeration value="YOUR_PACKAGING"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **PaymentType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Payment/PaymentType	
facets	Kind enumeration	Value SENDER	annotation
annotation	documentation Identifies the method of payment for a service.		
source	<pre><xs:simpleType name="PaymentType"> <xs:annotation> <xs:documentation>Identifies the method of payment for a service.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SENDER"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **PendingShipmentType**

namespace	http://fedex.com/ws/rate/v7		
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type	restriction of xs:string		
used by	element	PendingShipmentDetail/Type	
facets	Kind enumeration	Value EMAIL	annotation
annotation	documentation Pending shipment type		
source	<pre> <xs:simpleType name="PendingShipmentType"> <xs:annotation> <xs:documentation>Pending shipment type</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EMAIL"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **PhysicalPackagingType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	FreightShipmentLineItem/Packaging RequestedPackageLineItem/PhysicalPackaging	
facets	Kind enumeration	Value BAG	annotation
	enumeration	BARREL	
	enumeration	BASKET	
	enumeration	BOX	
	enumeration	BUCKET	
	enumeration	BUNDLE	
	enumeration	CARTON	
	enumeration	CASE	
	enumeration	CONTAINER	
	enumeration	CRATE	
	enumeration	CYLINDER	
	enumeration	DRUM	
	enumeration	ENVELOPE	
	enumeration	HAMPER	
	enumeration	OTHER	
	enumeration	PAIL	
	enumeration	PALLET	
	enumeration	PIECE	
	enumeration	REEL	
	enumeration	ROLL	
	enumeration	SKID	
	enumeration	TANK	
	enumeration	TUBE	
annotation	documentation This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.		
source	<pre> <xs:simpleType name="PhysicalPackagingType"> </pre>		

	<pre> <xs:annotation> <xs:documentation>This enumeration rationalizes the former FedEx Express international "admissibility package" types (based on ANSI X.12) and the FedEx Freight packaging types. The values represented are those common to both carriers.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BAG"/> <xs:enumeration value="BARREL"/> <xs:enumeration value="BASKET"/> <xs:enumeration value="BOX"/> <xs:enumeration value="BUCKET"/> <xs:enumeration value="BUNDLE"/> <xs:enumeration value="CARTON"/> <xs:enumeration value="CASE"/> <xs:enumeration value="CONTAINER"/> <xs:enumeration value="CRATE"/> <xs:enumeration value="CYLINDER"/> <xs:enumeration value="DRUM"/> <xs:enumeration value="ENVELOPE"/> <xs:enumeration value="HAMPER"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="PAIL"/> <xs:enumeration value="PALLET"/> <xs:enumeration value="PIECE"/> <xs:enumeration value="REEL"/> <xs:enumeration value="ROLL"/> <xs:enumeration value="SKID"/> <xs:enumeration value="TANK"/> <xs:enumeration value="TUBE"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType PickupRequestSourceType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	PickupDetail/RequestSource	
facets	Kind	Value	annotation
	enumeration	AUTOMATION	
	enumeration	CUSTOMER_SERVICE	
annotation	documentation	??	
source	<pre><xs:simpleType name="PickupRequestSourceType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="AUTOMATION"/> <xs:enumeration value="CUSTOMER_SERVICE"/> </xs:restriction> </xs:simpleType></pre>		

simpleType PickupRequestType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	PickupDetail/RequestType	
facets	Kind	Value	annotation
	enumeration	SAME_DAY	
	enumeration	FUTURE_DAY	
annotation	documentation ??		
source	<pre><xs:simpleType name="PickupRequestType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SAME_DAY"/> <xs:enumeration value="FUTURE_DAY"/> </xs:restriction> </xs:simpleType></pre>		

simpleType PricingCodeType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ShipmentRateDetail/PricingCode	
facets	Kind	Value	annotation
	enumeration	ACTUAL	
	enumeration	ALTERNATE	
	enumeration	BASE	
	enumeration	HUNDREDWEIGHT	
	enumeration	HUNDREDWEIGHT_ALTERNATE	
	enumeration	INTERNATIONAL_DISTRIBUTION	
	enumeration	INTERNATIONAL_ECONOMY_SERVICE	
	enumeration	LTL_FREIGHT	
	enumeration	PACKAGE	
	enumeration	SHIPMENT	
	enumeration	SHIPMENT_FIVE_POUND_OPTIONAL	
	enumeration	SHIPMENT_OPTIONAL	
	enumeration	SPECIAL	
source	<pre><xs:simpleType name="PricingCodeType"> <xs:restriction base="xs:string"> <xs:enumeration value="ACTUAL"/> <xs:enumeration value="ALTERNATE"/> <xs:enumeration value="BASE"/> <xs:enumeration value="HUNDREDWEIGHT"/> <xs:enumeration value="HUNDREDWEIGHT_ALTERNATE"/> <xs:enumeration value="INTERNATIONAL_DISTRIBUTION"/> <xs:enumeration value="INTERNATIONAL_ECONOMY_SERVICE"/> <xs:enumeration value="LTL_FREIGHT"/> <xs:enumeration value="PACKAGE"/></pre>		

	<pre> <xs:enumeration value="SHIPMENT"/> <xs:enumeration value="SHIPMENT_FIVE_POUND_OPTIONAL"/> <xs:enumeration value="SHIPMENT_OPTIONAL"/> <xs:enumeration value="SPECIAL"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **PurposeOfShipmentType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	CommercialInvoice/Purpose	
facets	Kind	Value	annotation
	enumeration	GIFT	
	enumeration	NOT_SOLD	
	enumeration	PERSONAL_EFFECTS	
	enumeration	REPAIR_AND_RETURN	
	enumeration	SAMPLE	
	enumeration	SOLD	
annotation	documentation	Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.	
source	<pre><xs:simpleType name="PurposeOfShipmentType"> <xs:annotation> <xs:documentation>Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="GIFT"/> <xs:enumeration value="NOT_SOLD"/> <xs:enumeration value="PERSONAL_EFFECTS"/> <xs:enumeration value="REPAIR_AND_RETURN"/> <xs:enumeration value="SAMPLE"/> <xs:enumeration value="SOLD"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **RateDiscountType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	RateDiscount/RateDiscountType	
facets	Kind	Value	annotation
	enumeration	BONUS	
	enumeration	EARNED	
	enumeration	OTHER	
	enumeration	VOLUME	
	enumeration	COUPON	
annotation	documentation	Identifies the type of discount applied to the shipment.	

source	<pre> <xs:simpleType name="RateDiscountType"> <xs:annotation> <xs:documentation>Identifies the type of discount applied to the shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BONUS"/> <xs:enumeration value="EARNED"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="VOLUME"/> <xs:enumeration value="COUPON"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType RateRequestType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	RequestedShipment/RateRequestTypes	
facets	Kind	Value	annotation
	enumeration	ACCOUNT	
	enumeration	LIST	
	enumeration	MULTIWEIGHT	
annotation	documentation	Indicates the type of rates to be returned.	
source	<pre><xs:simpleType name="RateRequestType"> <xs:annotation> <xs:documentation>Indicates the type of rates to be returned.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ACCOUNT"/> <xs:enumeration value="LIST"/> <xs:enumeration value="MULTIWEIGHT"/> </xs:restriction> </xs:simpleType></pre>		

simpleType RatedWeightMethod

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	ShipmentRateDetail/RatedWeightMethod PackageRateDetail/RatedWeightMethod	
facets	Kind	Value	annotation
	enumeration	ACTUAL	
	enumeration	DIM	
	enumeration	FREIGHT_MINIMUM	
	enumeration	OVERSIZE_1	
	enumeration	OVERSIZE_2	
	enumeration	OVERSIZE_3	
	enumeration	BALLOON	
	enumeration	MIXED	

	enumeration OVERSIZE enumeration WEIGHT_BREAK
annotation	documentation The method used to calculate the weight to be used in rating the package..
source	<pre> <xs:simpleType name="RatedWeightMethod"> <xs:annotation> <xs:documentation>The method used to calculate the weight to be used in rating the package..</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ACTUAL"/> <xs:enumeration value="DIM"/> <xs:enumeration value="FREIGHT_MINIMUM"/> <xs:enumeration value="OVERSIZE_1"/> <xs:enumeration value="OVERSIZE_2"/> <xs:enumeration value="OVERSIZE_3"/> <xs:enumeration value="BALLOON"/> <xs:enumeration value="MIXED"/> <xs:enumeration value="OVERSIZE"/> <xs:enumeration value="WEIGHT_BREAK"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **RebateType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Rebate/RebateType	
facets	Kind	Value	annotation
	enumeration	EARNED	
	enumeration	OTHER	
	enumeration	BONUS	
annotation	documentation Identifies the type of discount applied to the shipment.		
source	<pre><xs:simpleType name="RebateType"> <xs:annotation> <xs:documentation>Identifies the type of discount applied to the shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EARNED"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="BONUS"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **RecipientCustomsIdType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element InternationalDetail/RecipientCustomsIdType

facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration COMPANY</div> <div>enumeration INDIVIDUAL</div> <div>enumeration PASSPORT</div>
annotation	<div>documentation</div> <div>Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType</div>
source	<pre> <xs:simpleType name="RecipientCustomsIdType"> <xs:annotation> <xs:documentation>Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COMPANY"/> <xs:enumeration value="INDIVIDUAL"/> <xs:enumeration value="PASSPORT"/> </xs:restriction> </xs:simpleType> </pre>

simpleType RegulatoryControlType

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element InternationalDetail/RegulatoryControls
facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration EU_CIRCULATION</div> <div>enumeration FOOD_OR_PERISHABLE</div> <div>enumeration NAFTA</div>
annotation	<div>documentation</div> <div>FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for food/perishable items coming to US or PR from non-US/non-PR origin</div>
source	<pre> <xs:simpleType name="RegulatoryControlType"> <xs:annotation> <xs:documentation>FOOD_OR_PERISHABLE is required by FDA/BTA; must be true for food/perishable items coming to US or PR from non-US/non-PR origin</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EU_CIRCULATION"/> <xs:enumeration value="FOOD_OR_PERISHABLE"/> <xs:enumeration value="NAFTA"/> </xs:restriction> </xs:simpleType> </pre>

simpleType RequestedPackageDetailType

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element RequestedShipment/PackageDetail
facets	<div>Kind</div> <div>Value</div> <div>annotation</div> <div>enumeration INDIVIDUAL_PACKAGES</div>

	enumeration PACKAGE_SUMMARY enumeration PACKAGE_GROUPS
annotation	documentation ??
source	<pre> <xs:simpleType name="RequestedPackageDetailType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="INDIVIDUAL_PACKAGES"/> <xs:enumeration value="PACKAGE_SUMMARY"/> <xs:enumeration value="PACKAGE_GROUPS"/> </xs:restriction> </xs:simpleType> </pre>

simpleType RequestedShippingDocumentType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	EtdDetail/RequestedDocumentCopies ShippingDocumentSpecification/ShippingDocumentTypes	
facets	Kind enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration	Value COMMERCIAL_INVOICE CUSTOMER_SPECIFIED_LABELS GENERAL_AGENCY_AGREEMENT LABEL NAFTA_CERTIFICATE_OF_ORIGIN RETURN_INSTRUCTIONS CERTIFICATE_OF_ORIGIN PRO_FORMA_INVOICE	annotation
annotation	documentation ?		
source	<pre> <xs:simpleType name="RequestedShippingDocumentType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COMMERCIAL_INVOICE"/> <xs:enumeration value="CUSTOMER_SPECIFIED_LABELS"/> <xs:enumeration value="GENERAL_AGENCY_AGREEMENT"/> <xs:enumeration value="LABEL"/> <xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/> <xs:enumeration value="RETURN_INSTRUCTIONS"/> <xs:enumeration value="CERTIFICATE_OF_ORIGIN"/> <xs:enumeration value="PRO_FORMA_INVOICE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType RequiredShippingDocumentType

namespace	http://fedex.com/ws/rate/v7
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type	restriction of xs:string		
used by	element	CommitDetail/RequiredDocuments	
facets	Kind	Value	annotation
	enumeration	CANADIAN_B13A	
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	INTERNATIONAL_AIRWAY_BILL	
	enumeration	MAIL_SERVICE_AIRWAY_BILL	
	enumeration	SHIPPERS_EXPORT_DECLARATION	
annotation	documentation ??		
source	<pre><xs:simpleType name="RequiredShippingDocumentType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CANADIAN_B13A"/> <xs:enumeration value="CERTIFICATE_OF_ORIGIN"/> <xs:enumeration value="COMMERCIAL_INVOICE"/> <xs:enumeration value="INTERNATIONAL_AIRWAY_BILL"/> <xs:enumeration value="MAIL_SERVICE_AIRWAY_BILL"/> <xs:enumeration value="SHIPPERS_EXPORT_DECLARATION"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ReturnEMailAllowedSpecialServiceType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ReturnEMailDetail/AllowedSpecialServices	
facets	Kind	Value	annotation
	enumeration	SATURDAY_DELIVERY	
	enumeration	SATURDAY_PICKUP	
annotation	documentation	Special services the requestor will allow for this shipment.	
source	<pre><xs:simpleType name="ReturnEMailAllowedSpecialServiceType"> <xs:annotation> <xs:documentation>Special services the requestor will allow for this shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SATURDAY_DELIVERY"/> <xs:enumeration value="SATURDAY_PICKUP"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ReturnType**

namespace	http://fedex.com/ws/rate/v7		
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type	restriction of xs:string		
used by	element	ReturnShipmentDetail/ReturnType	
facets	Kind	Value	annotation
	enumeration	FEDEX_TAG	
	enumeration	PENDING	
	enumeration	PRINT_RETURN_LABEL	
annotation	documentation The type of return shipment that is being requested.		
source	<pre> <xs:simpleType name="ReturnType"> <xs:annotation> <xs:documentation>The type of return shipment that is being requested.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FEDEX_TAG"/> <xs:enumeration value="PENDING"/> <xs:enumeration value="PRINT_RETURN_LABEL"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType ReturnedRateType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	RateReplyDetail/ActualRateType ShipmentRateDetail/RateType PackageRateDetail/RateType	
facets	Kind	Value	annotation
	enumeration	PAYOR_ACCOUNT	
	enumeration	PAYOR_LIST	
	enumeration	PAYOR_MULTIWEIGHT	
	enumeration	RATED_ACCOUNT	
	enumeration	RATED_LIST	
source	<pre> <xs:simpleType name="ReturnedRateType"> <xs:restriction base="xs:string"> <xs:enumeration value="PAYOR_ACCOUNT"/> <xs:enumeration value="PAYOR_LIST"/> <xs:enumeration value="PAYOR_MULTIWEIGHT"/> <xs:enumeration value="RATED_ACCOUNT"/> <xs:enumeration value="RATED_LIST"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType ServiceOptionType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	RateReplyDetail/AppliedOptions CommitDetail/AppliedOptions RateRequest/VariableOptions	
facets	Kind	Value	annotation
	enumeration	SATURDAY_DELIVERY	
	enumeration	FREIGHT_GUARANTEE	

	enumeration SMARTPOST_HUB_ID
source	<pre> <xs:simpleType name="ServiceOptionType"> <xs:restriction base="xs:string"> <xs:enumeration value="SATURDAY_DELIVERY"/> <xs:enumeration value="FREIGHT_GUARANTEE"/> <xs:enumeration value="SMARTPOST_HUB_ID"/> </xs:restriction> </xs:simpleType> </pre>

simpleType ServiceType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	FreightServiceCenterDetail/LocalService RequestedShipment/ServiceType RateReplyDetail/ServiceType CommitDetail/ServiceType	
facets	Kind	Value	annotation
	enumeration	EUROPE_FIRST_INTERNATIONAL_PRIORITY	
	enumeration	FEDEX_1_DAY_FREIGHT	
	enumeration	FEDEX_2_DAY	
	enumeration	FEDEX_2_DAY_FREIGHT	
	enumeration	FEDEX_3_DAY_FREIGHT	
	enumeration	FEDEX_EXPRESS_SAVER	
	enumeration	FEDEX_GROUND	
	enumeration	FIRST_OVERNIGHT	
	enumeration	GROUND_HOME_DELIVERY	
	enumeration	INTERNATIONAL_ECONOMY	
	enumeration	INTERNATIONAL_ECONOMY_FREIGHT	
	enumeration	INTERNATIONAL_FIRST	
	enumeration	INTERNATIONAL_PRIORITY	
	enumeration	INTERNATIONAL_PRIORITY_FREIGHT	
	enumeration	PRIORITY_OVERNIGHT	
	enumeration	SMART_POST	
	enumeration	STANDARD_OVERNIGHT	
	enumeration	FEDEX_FREIGHT	
enumeration	FEDEX_NATIONAL_FREIGHT		
annotation	documentation	Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.	
source	<pre><xs:simpleType name="ServiceType"> <xs:annotation> <xs:documentation>Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EUROPE_FIRST_INTERNATIONAL_PRIORITY"/> <xs:enumeration value="FEDEX_1_DAY_FREIGHT"/> <xs:enumeration value="FEDEX_2_DAY"/> <xs:enumeration value="FEDEX_2_DAY_FREIGHT"/> <xs:enumeration value="FEDEX_3_DAY_FREIGHT"/> <xs:enumeration value="FEDEX_EXPRESS_SAVER"/> <xs:enumeration value="FEDEX_GROUND"/> </xs:restriction> </xs:simpleType></pre>		

	<pre> <xs:enumeration value="FIRST_OVERNIGHT"/> <xs:enumeration value="GROUND_HOME_DELIVERY"/> <xs:enumeration value="INTERNATIONAL_ECONOMY"/> <xs:enumeration value="INTERNATIONAL_ECONOMY_FREIGHT"/> <xs:enumeration value="INTERNATIONAL_FIRST"/> <xs:enumeration value="INTERNATIONAL_PRIORITY"/> <xs:enumeration value="INTERNATIONAL_PRIORITY_FREIGHT"/> <xs:enumeration value="PRIORITY_OVERNIGHT"/> <xs:enumeration value="SMART_POST"/> <xs:enumeration value="STANDARD_OVERNIGHT"/> <xs:enumeration value="FEDEX_FREIGHT"/> <xs:enumeration value="FEDEX_NATIONAL_FREIGHT"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **ShipmentSpecialServiceType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ShipmentSpecialServicesRequested/SpecialServiceTypes	
facets	Kind	Value	annotation
	enumeration	BROKER_SELECT_OPTION	
	enumeration	COD	
	enumeration	DRY_ICE	
	enumeration	EAST_COAST_SPECIAL	
	enumeration	ELECTRONIC_TRADE_DOCUMENTS	
	enumeration	EMAIL_NOTIFICATION	
	enumeration	FUTURE_DAY_SHIPMENT	
	enumeration	HOLD_AT_LOCATION	
	enumeration	HOME_DELIVERY_PREMIUM	
	enumeration	INSIDE_DELIVERY	
	enumeration	INSIDE_PICKUP	
	enumeration	PENDING_SHIPMENT	
	enumeration	RETURN_SHIPMENT	
	enumeration	SATURDAY_DELIVERY	
	enumeration	SATURDAY_PICKUP	
	enumeration	DANGEROUS_GOODS	
	enumeration	EXTREME_LENGTH	
	enumeration	FLATBED_TRAILER	
	enumeration	FREIGHT_GUARANTEE	
	enumeration	LIFTGATE_DELIVERY	
	enumeration	LIFTGATE_PICKUP	
	enumeration	LIMITED_ACCESS_DELIVERY	
	enumeration	LIMITED_ACCESS_PICKUP	
	enumeration	PRE_DELIVERY_NOTIFICATION	
	enumeration	PROTECTION_FROM_FREEZING	
	enumeration	REGIONAL_MALL_DELIVERY	
	enumeration	REGIONAL_MALL_PICKUP	

	enumeration EXHIBITION_DELIVERY enumeration EXHIBITION_PICKUP
annotation	documentation Identifies the collection of special service offered by FedEx.
source	<pre> <xs:simpleType name="ShipmentSpecialServiceType"> <xs:annotation> <xs:documentation>Identifies the collection of special service offered by FedEx.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER_SELECT_OPTION"/> <xs:enumeration value="COD"/> <xs:enumeration value="DRY_ICE"/> <xs:enumeration value="EAST_COAST_SPECIAL"/> <xs:enumeration value="ELECTRONIC_TRADE_DOCUMENTS"/> <xs:enumeration value="EMAIL_NOTIFICATION"/> <xs:enumeration value="FUTURE_DAY_SHIPMENT"/> <xs:enumeration value="HOLD_AT_LOCATION"/> <xs:enumeration value="HOME_DELIVERY_PREMIUM"/> <xs:enumeration value="INSIDE_DELIVERY"/> <xs:enumeration value="INSIDE_PICKUP"/> <xs:enumeration value="PENDING_SHIPMENT"/> <xs:enumeration value="RETURN_SHIPMENT"/> <xs:enumeration value="SATURDAY_DELIVERY"/> <xs:enumeration value="SATURDAY_PICKUP"/> <xs:enumeration value="DANGEROUS_GOODS"/> <xs:enumeration value="EXTREME_LENGTH"/> <xs:enumeration value="FLATBED_TRAILER"/> <xs:enumeration value="FREIGHT_GUARANTEE"/> <xs:enumeration value="LIFTGATE_DELIVERY"/> <xs:enumeration value="LIFTGATE_PICKUP"/> <xs:enumeration value="LIMITED_ACCESS_DELIVERY"/> <xs:enumeration value="LIMITED_ACCESS_PICKUP"/> <xs:enumeration value="PRE_DELIVERY_NOTIFICATION"/> <xs:enumeration value="PROTECTION_FROM_FREEZING"/> <xs:enumeration value="REGIONAL_MALL_DELIVERY"/> <xs:enumeration value="REGIONAL_MALL_PICKUP"/> <xs:enumeration value="EXHIBITION_DELIVERY"/> <xs:enumeration value="EXHIBITION_PICKUP"/> </xs:restriction> </xs:simpleType> </pre>

simpleType ShippingDocumentImageType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	LabelSpecification/ImageType ShippingDocumentFormat/ImageType	
facets	Kind	Value	annotation
	enumeration	DPL	
	enumeration	EPL2	
	enumeration	PDF	
	enumeration	PNG	

	enumeration ZPLII
annotation	documentation Specifies the image format used for a shipping document.
source	<pre> <xs:simpleType name="ShippingDocumentImageType"> <xs:annotation> <xs:documentation>Specifies the image format used for a shipping document.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DPL"/> <xs:enumeration value="EPL2"/> <xs:enumeration value="PDF"/> <xs:enumeration value="PNG"/> <xs:enumeration value="ZPLII"/> </xs:restriction> </xs:simpleType> </pre>

simpleType ShippingDocumentStockType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	ShippingDocumentFormat/StockType	
facets	Kind	Value	annotation
	enumeration	PAPER_4X6	
	enumeration	PAPER_LETTER	
	enumeration	STOCK_4X6	
	enumeration	STOCK_4X6.75_LEADING_DOC_TAB	
	enumeration	STOCK_4X6.75_TRAILING_DOC_TAB	
	enumeration	STOCK_4X8	
	enumeration	STOCK_4X9_LEADING_DOC_TAB	
	enumeration	STOCK_4X9_TRAILING_DOC_TAB	
annotation	documentation Specifies the type of paper (stock) on which a document will be printed.		
source	<pre><xs:simpleType name="ShippingDocumentStockType"> <xs:annotation> <xs:documentation>Specifies the type of paper (stock) on which a document will be printed.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="PAPER_4X6"/> <xs:enumeration value="PAPER_LETTER"/> <xs:enumeration value="STOCK_4X6"/> <xs:enumeration value="STOCK_4X6.75_LEADING_DOC_TAB"/> <xs:enumeration value="STOCK_4X6.75_TRAILING_DOC_TAB"/> <xs:enumeration value="STOCK_4X8"/> <xs:enumeration value="STOCK_4X9_LEADING_DOC_TAB"/> <xs:enumeration value="STOCK_4X9_TRAILING_DOC_TAB"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **SignatureOptionType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	SignatureOptionDetail/OptionType RateReplyDetail/SignatureOption	
facets	Kind	Value	annotation
	enumeration	ADULT	
	enumeration	DIRECT	
	enumeration	INDIRECT	
	enumeration	NO_SIGNATURE_REQUIRED	
	enumeration	SERVICE_DEFAULT	
annotation	documentation Identifies the delivery signature services options offered by FedEx.		
source	<pre> <xs:simpleType name="SignatureOptionType"> <xs:annotation> <xs:documentation>Identifies the delivery signature services options offered by FedEx.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADULT"/> <xs:enumeration value="DIRECT"/> <xs:enumeration value="INDIRECT"/> <xs:enumeration value="NO_SIGNATURE_REQUIRED"/> <xs:enumeration value="SERVICE_DEFAULT"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **SmartPostAncillaryEndorsementType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	SmartPostShipmentDetail/AncillaryEndorsement	
facets	Kind	Value	annotation
	enumeration	ADDRESS_CORRECTION	
	enumeration	CARRIER_LEAVE_IF_NO_RESPONSE	
	enumeration	CHANGE_SERVICE	
	enumeration	FORWARDING_SERVICE	
	enumeration	RETURN_SERVICE	
annotation	documentation These values are mutually exclusive; at most one of them can be attached to a SmartPost shipment.		
source	<pre> <xs:simpleType name="SmartPostAncillaryEndorsementType"> <xs:annotation> <xs:documentation>These values are mutually exclusive; at most one of them can be attached to a SmartPost shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADDRESS_CORRECTION"/> <xs:enumeration value="CARRIER_LEAVE_IF_NO_RESPONSE"/> <xs:enumeration value="CHANGE_SERVICE"/> <xs:enumeration value="FORWARDING_SERVICE"/> <xs:enumeration value="RETURN_SERVICE"/> </xs:restriction> </xs:simpleType> </pre>		

	<code></xs:restriction></code> <code></xs:simpleType></code>
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simpleType **SmartPostIndiciaType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	SmartPostShipmentDetail/Indicia	
facets	Kind	Value	annotation
	enumeration	MEDIA_MAIL	
	enumeration	PARCEL_SELECT	
	enumeration	PRESORTED_BOUND_PRINTED_MATTER	
	enumeration	PRESORTED_STANDARD	
annotation	documentation ??		
source	<pre><xs:simpleType name="SmartPostIndiciaType"> <xs:annotation> <xs:documentation>??</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="MEDIA_MAIL"/> <xs:enumeration value="PARCEL_SELECT"/> <xs:enumeration value="PRESORTED_BOUND_PRINTED_MATTER"/> <xs:enumeration value="PRESORTED_STANDARD"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **SmartPostShipmentSpecialServiceType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	SmartPostShipmentDetail/SpecialServices	
facets	Kind enumeration	Value USPS_DELIVERY_CONFIRMATION	annotation
annotation	documentation ?		
source	<pre><xs:simpleType name="SmartPostShipmentSpecialServiceType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="USPS_DELIVERY_CONFIRMATION"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **SpecialRatingAppliedType**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		

used by	element ShipmentRateDetail/SpecialRatingApplied
facets	<div>Kind Value annotation</div> <div>enumeration FIXED_FUEL_SURCHARGE</div> <div>enumeration IMPORT_PRICING</div>
annotation	<div>documentation</div> <div>Indicates which special rating cases applied to this shipment.</div>
source	<pre> <xs:simpleType name="SpecialRatingAppliedType"> <xs:annotation> <xs:documentation>Indicates which special rating cases applied to this shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FIXED_FUEL_SURCHARGE"/> <xs:enumeration value="IMPORT_PRICING"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **SurchargeLevelType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element Surcharge/Level
facets	<div>Kind Value annotation</div> <div>enumeration PACKAGE</div> <div>enumeration SHIPMENT</div>
annotation	<div>documentation</div> <div>The type of the surcharge level.</div>
source	<pre> <xs:simpleType name="SurchargeLevelType"> <xs:annotation> <xs:documentation>The type of the surcharge level.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="PACKAGE"/> <xs:enumeration value="SHIPMENT"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **SurchargeType**

namespace	http://fedex.com/ws/rate/v7
type	restriction of xs:string
used by	element Surcharge/SurchargeType
facets	<div>Kind Value annotation</div> <div>enumeration ADDITIONAL_HANDLING</div> <div>enumeration APPOINTMENT_DELIVERY</div> <div>enumeration BROKER_SELECT_OPTION</div> <div>enumeration CANADIAN_DESTINATION</div> <div>enumeration CLEARANCE_ENTRY_FEE</div> <div>enumeration COD</div>

	enumeration	CUT_FLOWERS
	enumeration	DANGEROUS_GOODS
	enumeration	DELIVERY_AREA
	enumeration	DELIVERY_CONFIRMATION
	enumeration	DRY_ICE
	enumeration	EMAIL_LABEL
	enumeration	EUROPE_FIRST
	enumeration	EXHIBITION
	enumeration	EXPORT
	enumeration	EXTREME_LENGTH
	enumeration	FEDEX_TAG
	enumeration	FICE
	enumeration	FLATBED
	enumeration	FREIGHT_GUARANTEE
	enumeration	FUEL
	enumeration	HOME_DELIVERY_APPOINTMENT
	enumeration	HOME_DELIVERY_DATE_CERTAIN
	enumeration	HOME_DELIVERY_EVENING
	enumeration	INSIDE_DELIVERY
	enumeration	INSIDE_PICKUP
	enumeration	INSURED_VALUE
	enumeration	INTERHAWAII
	enumeration	ISLAND_DELIVERY
	enumeration	ISLAND_PICKUP
	enumeration	LIFTGATE_DELIVERY
	enumeration	LIFTGATE_PICKUP
	enumeration	LIMITED_ACCESS_DELIVERY
	enumeration	LIMITED_ACCESS_PICKUP
	enumeration	METRO_DELIVERY
	enumeration	METRO_PICKUP
	enumeration	NON_MACHINABLE
	enumeration	OFFSHORE
	enumeration	ON_CALL_PICKUP
	enumeration	OTHER
	enumeration	OUT_OF_DELIVERY_AREA
	enumeration	OUT_OF_PICKUP_AREA
	enumeration	OVERSIZE
	enumeration	OVER_DIMENSION
	enumeration	PIECE_COUNT_VERIFICATION
	enumeration	PRE_DELIVERY_NOTIFICATION
	enumeration	PRIORITY_ALERT
	enumeration	PROTECTION_FROM_FREEZING
	enumeration	REGIONAL_MALL_DELIVERY
	enumeration	REGIONAL_MALL_PICKUP
	enumeration	RESIDENTIAL_DELIVERY
	enumeration	RESIDENTIAL_PICKUP

	enumeration RETURN_LABEL enumeration SATURDAY_DELIVERY enumeration SATURDAY_PICKUP enumeration SIGNATURE_OPTION enumeration TARP enumeration TRANSMART_SERVICE_FEE
annotation	documentation The type of the surcharge.
source	<pre> <xs:simpleType name="SurchargeType"> <xs:annotation> <xs:documentation>The type of the surcharge.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADDITIONAL_HANDLING"/> <xs:enumeration value="APPOINTMENT_DELIVERY"/> <xs:enumeration value="BROKER_SELECT_OPTION"/> <xs:enumeration value="CANADIAN_DESTINATION"/> <xs:enumeration value="CLEARANCE_ENTRY_FEE"/> <xs:enumeration value="COD"/> <xs:enumeration value="CUT_FLOWERS"/> <xs:enumeration value="DANGEROUS_GOODS"/> <xs:enumeration value="DELIVERY_AREA"/> <xs:enumeration value="DELIVERY_CONFIRMATION"/> <xs:enumeration value="DRY_ICE"/> <xs:enumeration value="EMAIL_LABEL"/> <xs:enumeration value="EUROPE_FIRST"/> <xs:enumeration value="EXHIBITION"/> <xs:enumeration value="EXPORT"/> <xs:enumeration value="EXTREME_LENGTH"/> <xs:enumeration value="FEDEX_TAG"/> <xs:enumeration value="FICE"/> <xs:enumeration value="FLATBED"/> <xs:enumeration value="FREIGHT_GUARANTEE"/> <xs:enumeration value="FUEL"/> <xs:enumeration value="HOME_DELIVERY_APPOINTMENT"/> <xs:enumeration value="HOME_DELIVERY_DATE_CERTAIN"/> <xs:enumeration value="HOME_DELIVERY_EVENING"/> <xs:enumeration value="INSIDE_DELIVERY"/> <xs:enumeration value="INSIDE_PICKUP"/> <xs:enumeration value="INSURED_VALUE"/> <xs:enumeration value="INTERHAWAII"/> <xs:enumeration value="ISLAND_DELIVERY"/> <xs:enumeration value="ISLAND_PICKUP"/> <xs:enumeration value="LIFTGATE_DELIVERY"/> <xs:enumeration value="LIFTGATE_PICKUP"/> <xs:enumeration value="LIMITED_ACCESS_DELIVERY"/> <xs:enumeration value="LIMITED_ACCESS_PICKUP"/> <xs:enumeration value="METRO_DELIVERY"/> <xs:enumeration value="METRO_PICKUP"/> <xs:enumeration value="NON_MACHINABLE"/> <xs:enumeration value="OFFSHORE"/> <xs:enumeration value="ON_CALL_PICKUP"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="OUT_OF_DELIVERY_AREA"/> <xs:enumeration value="OUT_OF_PICKUP_AREA"/> </xs:restriction> </xs:simpleType> </pre>

	<pre> <xs:enumeration value="OVERSIZE"/> <xs:enumeration value="OVER_DIMENSION"/> <xs:enumeration value="PIECE_COUNT_VERIFICATION"/> <xs:enumeration value="PRE_DELIVERY_NOTIFICATION"/> <xs:enumeration value="PRIORITY_ALERT"/> <xs:enumeration value="PROTECTION_FROM_FREEZING"/> <xs:enumeration value="REGIONAL_MALL_DELIVERY"/> <xs:enumeration value="REGIONAL_MALL_PICKUP"/> <xs:enumeration value="RESIDENTIAL_DELIVERY"/> <xs:enumeration value="RESIDENTIAL_PICKUP"/> <xs:enumeration value="RETURN_LABEL"/> <xs:enumeration value="SATURDAY_DELIVERY"/> <xs:enumeration value="SATURDAY_PICKUP"/> <xs:enumeration value="SIGNATURE_OPTION"/> <xs:enumeration value="TARP"/> <xs:enumeration value="TRANSMART_SERVICE_FEE"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType TaxType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Tax/TaxType	
facets	Kind	Value	annotation
	enumeration	EXPORT	
	enumeration	GST	
	enumeration	HST	
	enumeration	OTHER	
	enumeration	PST	
	enumeration	VAT	
annotation	documentation The type of the tax.		
source	<pre> <xs:simpleType name="TaxType"> <xs:annotation> <xs:documentation>The type of the tax.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EXPORT"/> <xs:enumeration value="GST"/> <xs:enumeration value="HST"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="PST"/> <xs:enumeration value="VAT"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType TermsOfSaleType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		

used by	element CommercialInvoice/TermsOfSale		
facets	Kind	Value	annotation
	enumeration	CFR_OR_CPT	
	enumeration	CIF_OR_CIP	
	enumeration	DDP	
	enumeration	DDU	
	enumeration	EXW	
	enumeration	FOB_OR_FCA	
annotation	documentation Required for dutiable international express or ground shipment. This field is not applicable to an international PIB (document) or a non-document which does not require a commercial invoice express shipment. CFR_OR_CPT (Cost and Freight/Carriage Paid TO) CIF_OR_CIP (Cost Insurance and Freight/Carraige Insurance Paid) DDP (Delivered Duty Paid) DDU (Delivered Duty Unpaid) EXW (Ex Works) FOB_OR_FCA (Free On Board/Free Carrier)		
source	<pre><xs:simpleType name="TermsOfSaleType"> <xs:annotation> <xs:documentation> Required for dutiable international express or ground shipment. This field is not applicable to an international PIB (document) or a non-document which does not require a commercial invoice express shipment. CFR_OR_CPT (Cost and Freight/Carriage Paid TO) CIF_OR_CIP (Cost Insurance and Freight/Carraige Insurance Paid) DDP (Delivered Duty Paid) DDU (Delivered Duty Unpaid) EXW (Ex Works) FOB_OR_FCA (Free On Board/Free Carrier) </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CFR_OR_CPT"/> <xs:enumeration value="CIF_OR_CIP"/> <xs:enumeration value="DDP"/> <xs:enumeration value="DDU"/> <xs:enumeration value="EXW"/> <xs:enumeration value="FOB_OR_FCA"/> </xs:restriction> </xs:simpleType></pre>		

simpleType TinType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	TaxpayerIdentification/TinType	
facets	Kind	Value	annotation
	enumeration	EIN	
	enumeration	SSN	
annotation	documentation Identifies the category of the taxpayer identification number.		

source	<pre> <xs:simpleType name="TinType"> <xs:annotation> <xs:documentation>Identifies the category of the taxpayer identification number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EIN"/> <xs:enumeration value="SSN"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType TrackingIdType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	TrackingId/TrackingIdType	
facets	Kind	Value	annotation
	enumeration	EXPRESS	
	enumeration	GROUND	
	enumeration	USPS	
annotation	documentation ?		
source	<pre> <xs:simpleType name="TrackingIdType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EXPRESS"/> <xs:enumeration value="GROUND"/> <xs:enumeration value="USPS"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType TransitTimeType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	RateReplyDetail/TransitTime CommitDetail/TransitTime	
facets	Kind	Value	annotation
	enumeration	ONE_DAY	
	enumeration	TWO_DAYS	
	enumeration	THREE_DAYS	
	enumeration	FOUR_DAYS	
	enumeration	FIVE_DAYS	
	enumeration	SIX_DAYS	
	enumeration	SEVEN_DAYS	
	enumeration	EIGHT_DAYS	
	enumeration	NINE_DAYS	
	enumeration	TEN_DAYS	

	enumeration ELEVEN_DAYS enumeration TWELVE_DAYS enumeration THIRTEEN_DAYS enumeration FOURTEEN_DAYS enumeration FIFTEEN_DAYS enumeration SIXTEEN_DAYS enumeration SEVENTEEN_DAYS enumeration EIGHTEEN_DAYS enumeration NINETEEN_DAYS enumeration TWENTY_DAYS enumeration UNKNOWN
annotation	documentation Time in transit from pickup to delivery.
source	<pre> <xs:simpleType name="TransitTimeType"> <xs:annotation> <xs:documentation>Time in transit from pickup to delivery.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ONE_DAY"/> <xs:enumeration value="TWO_DAYS"/> <xs:enumeration value="THREE_DAYS"/> <xs:enumeration value="FOUR_DAYS"/> <xs:enumeration value="FIVE_DAYS"/> <xs:enumeration value="SIX_DAYS"/> <xs:enumeration value="SEVEN_DAYS"/> <xs:enumeration value="EIGHT_DAYS"/> <xs:enumeration value="NINE_DAYS"/> <xs:enumeration value="TEN_DAYS"/> <xs:enumeration value="ELEVEN_DAYS"/> <xs:enumeration value="TWELVE_DAYS"/> <xs:enumeration value="THIRTEEN_DAYS"/> <xs:enumeration value="FOURTEEN_DAYS"/> <xs:enumeration value="FIFTEEN_DAYS"/> <xs:enumeration value="SIXTEEN_DAYS"/> <xs:enumeration value="SEVENTEEN_DAYS"/> <xs:enumeration value="EIGHTEEN_DAYS"/> <xs:enumeration value="NINETEEN_DAYS"/> <xs:enumeration value="TWENTY_DAYS"/> <xs:enumeration value="UNKNOWN"/> </xs:restriction> </xs:simpleType> </pre>

simpleType UploadDocumentIdProducer

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	UploadDocumentReferenceDetail/DocumentIdProducer	
facets	Kind	Value	annotation
	enumeration	CUSTOMER	
	enumeration	FEDEX_CSHP	
	enumeration	FEDEX_GTM	

annotation	documentation ?
source	<pre> <xs:simpleType name="UploadDocumentIdProducer"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="FEDEX_CSHP"/> <xs:enumeration value="FEDEX_GTM"/> </xs:restriction> </xs:simpleType> </pre>

simpleType UploadDocumentProducerType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	UploadDocumentDetail/DocumentProducer UploadDocumentReferenceDetail/DocumentProducer	
facets	Kind	Value	annotation
	enumeration	CUSTOMER	
	enumeration	FEDEX_CLS	
	enumeration	FEDEX_GTM	
	enumeration	OTHER	
annotation	documentation ?		
source	<pre> <xs:simpleType name="UploadDocumentProducerType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="FEDEX_CLS"/> <xs:enumeration value="FEDEX_GTM"/> <xs:enumeration value="OTHER"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType UploadDocumentType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	elements	UploadDocumentDetail/DocumentType UploadDocumentReferenceDetail/DocumentType	
facets	Kind	Value	annotation
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	ETD_LABEL	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	
	enumeration	OTHER	
	enumeration	PRO_FORMA_INVOICE	

annotation	documentation ?
source	<pre> <xs:simpleType name="UploadDocumentType"> <xs:annotation> <xs:documentation>?</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CERTIFICATE_OF_ORIGIN"/> <xs:enumeration value="COMMERCIAL_INVOICE"/> <xs:enumeration value="ETD_LABEL"/> <xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="PRO_FORMA_INVOICE"/> </xs:restriction> </xs:simpleType> </pre>

simpleType VariableHandlingChargeType

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	VariableHandlingChargeDetail/VariableHandlingChargeType	
facets	Kind	Value	annotation
	enumeration	FIXED_AMOUNT	
	enumeration	PERCENTAGE_OF_NET_CHARGE	
	enumeration	PERCENTAGE_OF_NET_CHARGE_EXCLUDING_TAXES	
	enumeration	PERCENTAGE_OF_NET_FREIGHT	
annotation	documentation The type of handling charge to be calculated and returned in the reply.		
source	<pre> <xs:simpleType name="VariableHandlingChargeType"> <xs:annotation> <xs:documentation>The type of handling charge to be calculated and returned in the reply.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FIXED_AMOUNT"/> <xs:enumeration value="PERCENTAGE_OF_NET_CHARGE"/> <xs:enumeration value="PERCENTAGE_OF_NET_CHARGE_EXCLUDING_TAXES"/> <xs:enumeration value="PERCENTAGE_OF_NET_FREIGHT"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType VolumeUnits

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Volume/Units	
facets	Kind	Value	annotation
	enumeration	CUBIC_FT	
	enumeration	CUBIC_M	
annotation	documentation Units of three-dimensional volume/cubic measure.		

source	<pre><xs:simpleType name="VolumeUnits"> <xs:annotation> <xs:documentation>Units of three-dimensional volume/cubic measure.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CUBIC_FT"/> <xs:enumeration value="CUBIC_M"/> </xs:restriction> </xs:simpleType></pre>
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simpleType **WeightUnits**

namespace	http://fedex.com/ws/rate/v7		
type	restriction of xs:string		
used by	element	Weight/Units	
facets	Kind	Value	annotation
	enumeration	KG	
	enumeration	LB	
annotation	documentation Identifies the unit of measure associated with a weight value. See WeightUnits for the list of valid enumerated values.		
source	<pre><xs:simpleType name="WeightUnits"> <xs:annotation> <xs:documentation>Identifies the unit of measure associated with a weight value. See WeightUnits for the list of valid enumerated values.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="KG"/> <xs:enumeration value="LB"/> </xs:restriction> </xs:simpleType></pre>		
