FedEx

FedEx Web Services

Rate Services

August 2010

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About This Guide

This guide describes how to work with 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 each available service in addition to the business logic that drives each FedEx 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 Services At-a-Glance: **fedex.com/us/services/ataglance.html**
- FedEx Service Guide: **fedex.com/us/services/pdf**
- Web Services organization home page: webservices.org
- Microsoft Web Services: msdn.microsoft.com/webservices
- 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 9 p.m. (CST) and Saturday, 9 a.m. to 3 p.m. (CST). For international customer support, call 1.800.GoFedEx (1.800.463.3339).

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 the Address Validation Service.
- Give Customers More Options: Help customers learn about all the available shipping options and rates with Ship Service and Rate Services. You can also extend this service to your shopping cart and Website, 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.
- Estimated duties and taxes calculations are now available. Contact your FedEx account executive for more information.
- 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: In addition to ExpressTagAvailability, provide a simple way to allow customers to return an order with E-Mail Labels. This service sends an e-mail with the address (URL) of a Website 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 Simple Object Access Protocol (SOAP) and Web Services Description Language (WSDL) standards for message transfer and service discovery. By following the standards, applications can seamlessly communicate with platform services.

Document Overview

This guide provides instructions for coding the functions you need to develop FedEx-supported applications. The following chapters make up this guide:

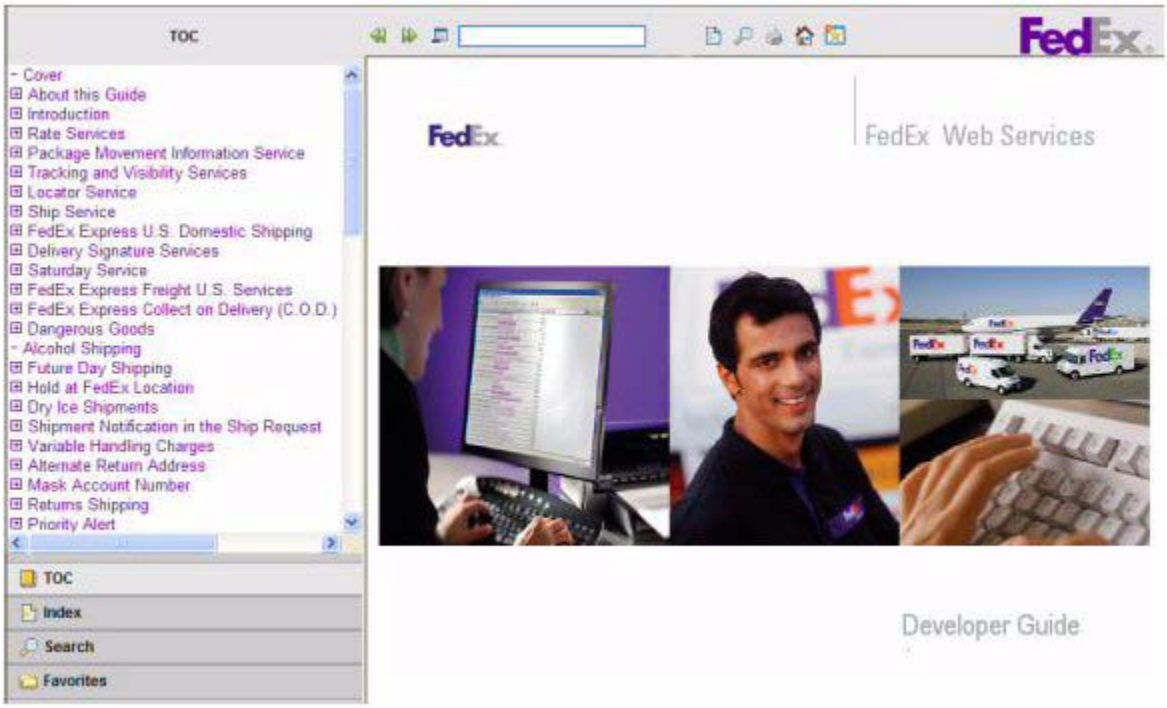
- Introduction (this chapter):
    - Documentation overview and guidelines, including how to use the Help application and how to print this guide.
    - Overview information about Web Services, including a high-level description of FedEx Web Services methods.
    - Coding basics.
    - Overview information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

Each chapter covering FedEx Web Services coding includes:

- 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.

Using the Web Services Online Help

This guide is available as 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.

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 Universal Description Discovery and Integration (UDDI) 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).The <types> element defines the data types that are used by the Web Service 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: **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: **Note:** For more information about the WSDL standard, refer to the World Wide Web Consortium (W3C) Website 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:EnvelopeBody>

Example: Rate Request (SOAP Message)

```
<soapenv:Envelope xmlns:soapenv=”http://schemas.xmlsoap.org/soap/envelope/”
xmlns:v8=”http://fedex.com/ws/rate/v8”>
   <soapenv:Header/>
Optional     <SOAPsoapenv:HeaderBody>
      <v8:RateRequest>
          <v8:WebAuthenticationDetail>
            <v8:CspCredential>
               <v8:Key>Provider Key</v8:Key>
               <v8:Password>Provider Password</v8:Password>
            </v8:CspCredential>
            <v8:UserCredential>
               <v8:Key>User Key</v8:Key>
               <v8:Password>User Password</v8:Password>
            </v8:UserCredential>
         </v8:WebAuthenticationDetail>
         <v8:ClientDetail>
            <v8:AccountNumber>XXXXXXXXX</v8:AccountNumber>
            <v8:MeterNumber>XXXXXXX</v8:MeterNumber>
            <v8:ClientProductId>ABCD</v8:ClientProductId>
            <v8:ClientProductVersion>1234</v8:ClientProductVersion>
         </v8:ClientDetail>
         <v8:TransactionDetail>
            <v8:CustomerTransactionId>Test v8 Rate Request</
v8:CustomerTransactionId>
         </v8:TransactionDetail>
         <v8:Version>
            <v8:ServiceId>crs</v8:ServiceId>
            <v8:Major>8</v8:Major>
            <v8:Intermediate>0</v8:Intermediate>
            <v8:Minor>0</v8:Minor>
         </v8:Version>
<v8:ReturnTransitAndCommit>true</v8:ReturnTransitAndCommit>
         <v8:RequestedShipment>
            <v8:ShipTimestamp>2009-08-19T16:15:00-05:00</v8:ShipTimestamp>
            <v8:DropoffType>REGULAR_PICKUP</v8:DropoffType>
            <v8:PackagingType>YOUR_PACKAGING</v8:PackagingType>
            <v8:Shipper>
               <v8:Address>
                  <v8:StreetLines>123 Maple Street</v8:StreetLines>
                  <v8:City>Akron</v8:City>
                  <v8:StateOrProvinceCode>OH</v8:StateOrProvinceCode>
                  <v8:PostalCode>44333</v8:PostalCode>
```

```
                  <v8:CountryCode>US</v8:CountryCode>
               </v8:Address>
            </v8:Shipper>
            <v8:Recipient>
               <v8:Address>
                  <v8:StreetLines>123 Oak Street</v8:StreetLines>
                  <v8:City>Collierville</v8:City>
                  <v8:StateOrProvinceCode>TN</v8:StateOrProvinceCode>
                  <v8:PostalCode>38017</v8:PostalCode>
                  <v8:CountryCode>US</v8:CountryCode>
               </v8:Address>
            </v8:Recipient>
            <v8:RateRequestTypes>ACCOUNT</v8:RateRequestTypes>
            <v8:PackageCount>2</v8:PackageCount>
            <v8:PackageDetail>INDIVIDUAL_PACKAGES</v8:PackageDetail>
            <v8:RequestedPackages>
               <v8:SequenceNumber>1</v8:SequenceNumber>
               <v8:InsuredValue>
                  <v8:Currency>USD</v8:Currency>
                  <v8:Amount>50.00</v8:Amount>
               </v8:InsuredValue>
               <v8:Weight>
                  <v8:Units>LB</v8:Units>
                  <v8:Value>20.0</v8:Value>
               </v8:Weight>
               <v8:Dimensions>
                  <v8:Length>10</v8:Length>
                  <v8:Width>10</v8:Width>
                  <v8:Height>10</v8:Height>
                  <v8:Units>IN</v8:Units>
               </v8:Dimensions>
               <v8:CustomerReferences>
                  <v8:CustomerReferenceType>CUSTOMER_REFERENCE</
v8:CustomerReferenceType>
                  <v8:Value>TEST v8 REQUEST</v8:Value>
               </v8:CustomerReferences>
            </v8:RequestedPackages>
            <v8:RequestedPackages>
               <v8:SequenceNumber>2</v8:SequenceNumber>
               <v8:InsuredValue>
                  <v8:Currency>USD</v8:Currency>
                  <v8:Amount>50.00</v8:Amount>
               </v8:InsuredValue>
               <v8:Weight>
                  <v8:Units>LB</v8:Units>
                  <v8:Value>10.0</v8:Value>
               </v8:Weight>
               <v8:Dimensions>
                  <v8:Length>5</v8:Length>
                  <v8:Width>5</v8:Width>
                  <v8:Height>5</v8:Height>
                  <v8:Units>IN</v8:Units>
               </v8:Dimensions>
            </v8:RequestedPackages>
```

```
         </v8:RequestedShipment>
      </v8:RateRequest>
```
Required <SOAP/soapenv:Body>

Required <SOAP/soapenv:BodyEnvelope>

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/v8">
<SOAP-ENV:Body>
<DeleteTagRequest>
<WebAuthenticationDetail>
<UserCredential>
<Key>xxxxxxxxxxxxxx</Key>
<Password></Password>
</UserCredential>
</WebAuthenticationDetail>
<ClientDetail>
<AccountNumber>xxxxxxxxx</AccountNumber>
<MeterNumber>xxxxxx</MeterNumber>
</ClientDetail>
<TransactionDetail>
<CustomerTransactionId>DE_Shakeout_wsvc</CustomerTransactionId>
</TransactionDetail>
<Version>
<ServiceId>ship</ServiceId>
<Major>8</Major>
<Intermediate>0</Intermediate>
<Minor>0</Minor>
</Version>
<DispatchLocationId>MQYA</DispatchLocationId>
<DispatchDate>2008-10-08</DispatchDate>
<Payment>
<PaymentType>shipper</PaymentType>
<Payor>
<AccountNumber>xxxxxxxxx</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) Website at w3.org/TR/SOAP.

Non-SOAP Web Services

FedEx offers a non-SOAP Web Services solution that you can use to send transactions 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 communications method.

To use the non-SOAP Web Service solution, you must have a working knowledge of HTTPS and Secure Socket Layering encryption, the ability to provide a secure SSL connection to FedEx and the ability to code to an operation 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 operations. The same WSDL file is used for both the SOAP and non-SOAP Web Service users.

Non-SOAP users are concerned only with the 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/v5" 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>xxxxxxxxxxxxxx</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>4</ns:Major>
          <ns:Intermediate>0</ns:Intermediate>
          <ns:Minor>0</ns:Minor>
     </ns:Version>
     <ns:PackageIdentifier>
          <ns:Value>ttttttttttttt</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 operations 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 operation 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/v8' instead of 'AccountNumberx@http://fedex.com/ws/
               ship/v8' here in element ClientDetail@http://fedex.com/ws/ship/
               v8</con1:message>
               <con1:xmlLocation>
                  <ship:AccountNumberx xmlns:ship="http://fedex.com/ws/ship/
                  v8">000000000</ship:AccountNumberx>
               </con1:xmlLocation>
               <con1:message>Expected element 'AccountNumber@http://fedex.com/
               ws/ship/v1' before the end of the content in element
               ClientDetail@http://fedex.com/ws/ship/v8</con1:message>
               <con1:xmlLocation>
                  <ship:ClientDetail xmlns:ship="http://fedex.com/ws/ship/8">
                     <ship:AccountNumberx>0000000000000000000</
                     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. For more information on Base64 decoding, see Creating a Label.

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, and host systems:

```
POST /xml HTTP/1.0
Referer: YourCompanyNameGoesHere
Host: gatewaybetawsbeta.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, you will need to open an SSL connection to the FedEx test server and send the request through FedEx by using 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 an element is not set, even after setting it in the code. When you set a Boolean type element to true, you may also need to set the specified 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 communication standards SOAP 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#, VB, .Net, and PHP languages from the FedEx Developer Resource Center Technical Resources.
- Transactions submitted to FedEx using FedEx Web Services are required to have a minimum of 128-bit encryption to complete the request.

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.

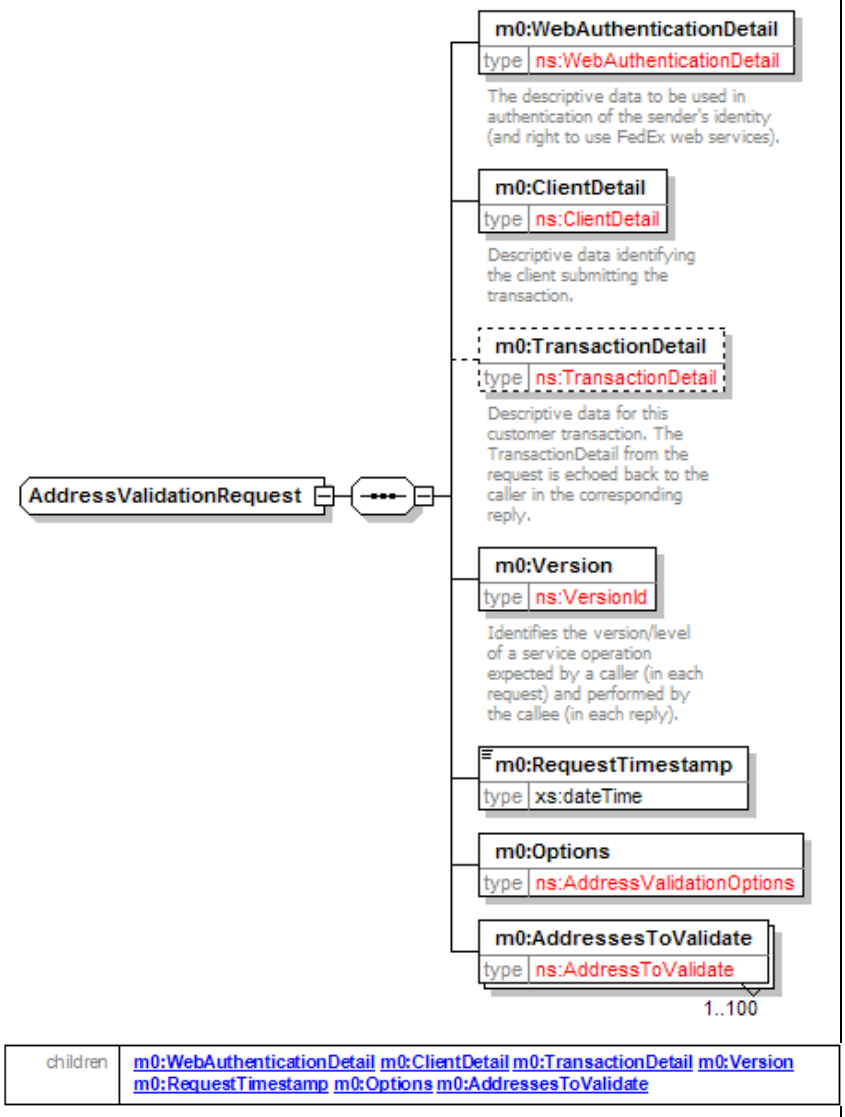
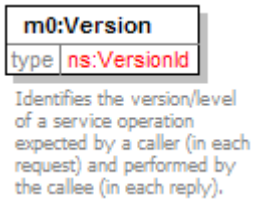
Diagram	Description
	Diagrams of a parent element, such as AddressValidationRequest, include connections to the child elements. Child elements can be simple or complex types. A child element connected with a solid line and surrounded by a box with a solid border represents a required type, such as ClientDetail. A child element connected by a dotted line and surrounded by a dotted border represents an optional type (minOccurs="0"), such as TransactionDetail. **Note:** An element that is defined as minOccurs="0" may be required for some calls. Types that are documented include the documentation directly below the box. All children are linked by name below the diagram.
	A box with a single solid border represents a single element that is required. The type can be simple or complex.

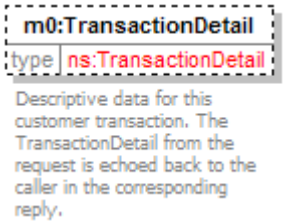
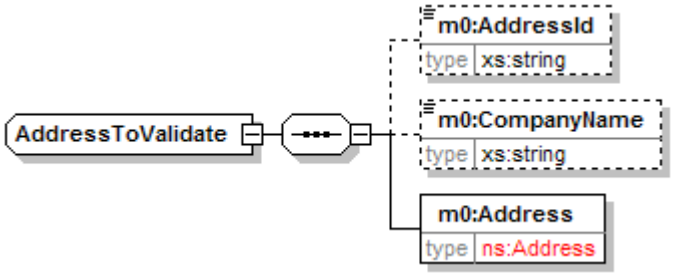
Diagram	Description
	A box with a dotted border indicates a single element that is optional. The type can be simple or complex.
	A layered box represents a multiple occurrence element. A solid line represents a required multiple occurrence element. The number of possible occurrences appears below the box, as depicted by the AddressResults element. An unbounded number of occurrences is represented by the infinity ∞ symbol (maxOccurs="unbounded"), as depicted by the Notifications type. A layered box with a dotted border represents an optional multiple occurrence type (minOccurs="0"), such as ProposedAddressResults. **Note:** An element that is defined as minOccurs="0" may be required for some calls.
	A standard type such as “string” appears in black text below element name. A FedEx-specific type such as “Address” appears in red text below the element name.

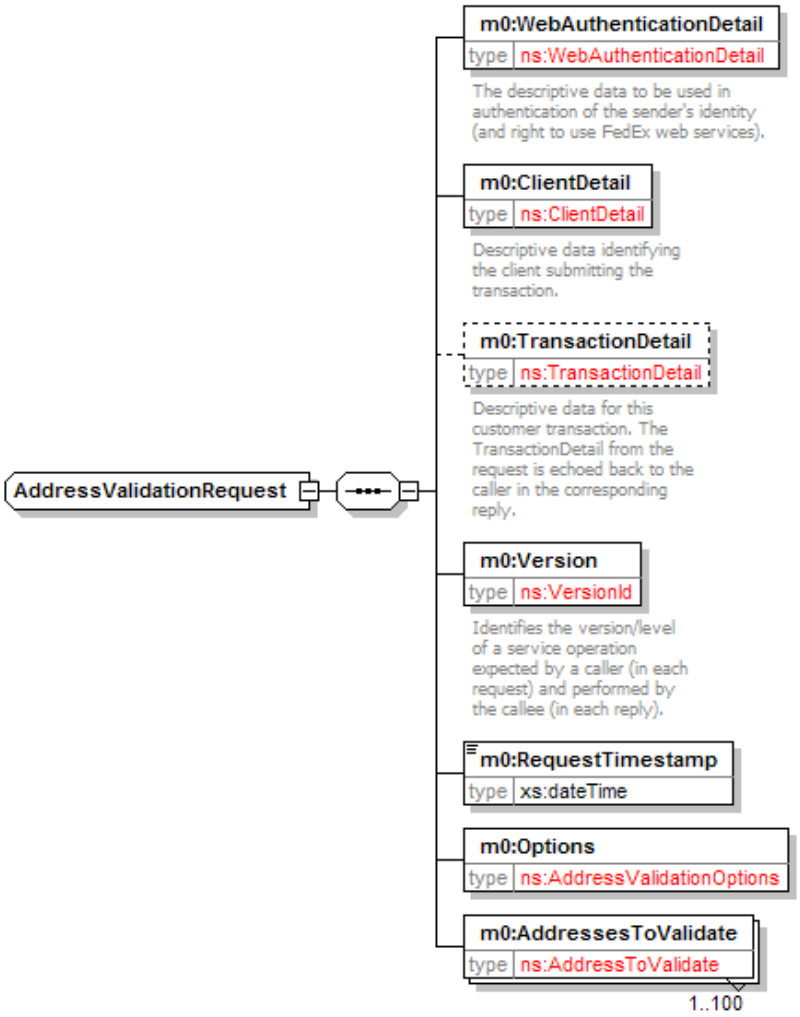
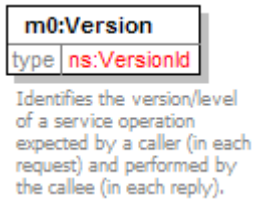
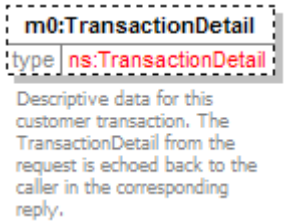
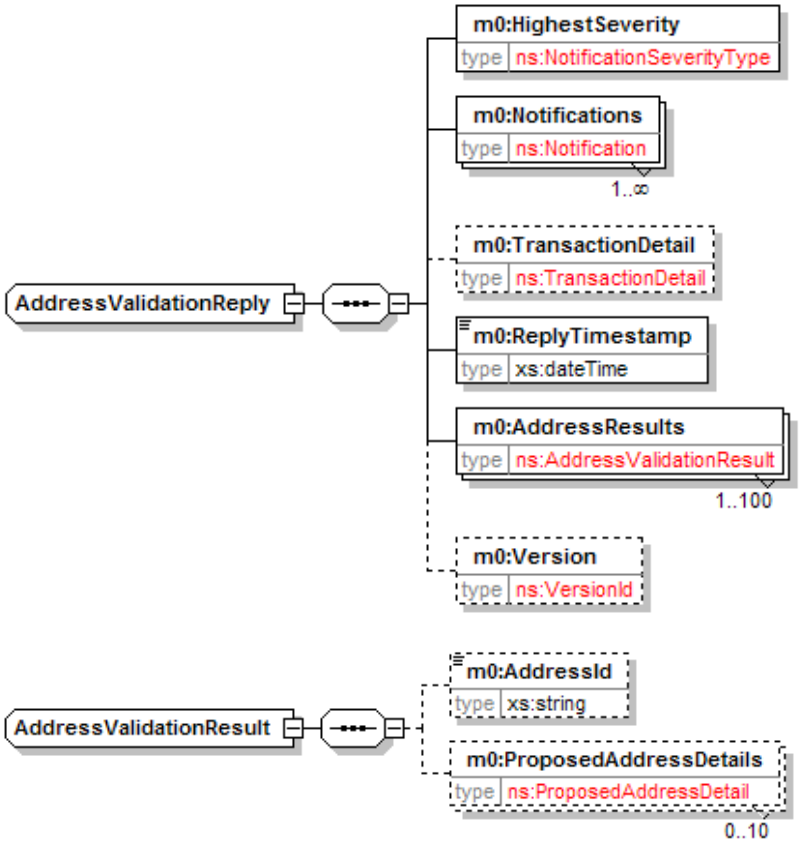
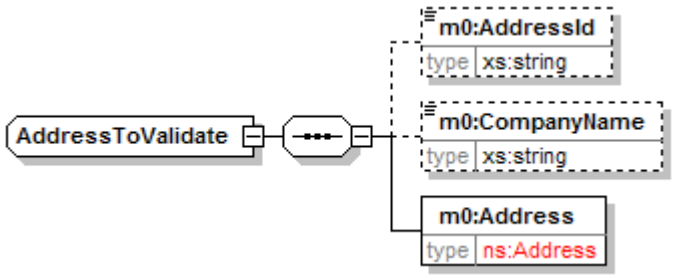
Diagram	Description
	Diagrams of a parent element, such as AddressValidationRequest, include connections to the child elements. Child elements can be simple or complex types. A child element connected with a solid line and surrounded by a box with a solid border represents a required type, such as ClientDetail. A child element connected by a dotted line and surrounded by a dotted border represents an optional type (minOccurs="0"), such as TransactionDetail. **Note:** An element that is defined as minOccurs="0" may be required for some calls. Types that are documented include the documentation directly below the box. All children are linked by name below the diagram.
	A box with a single solid border represents a single element that is required. The type can be simple or complex.

Diagram	Description
	A box with a dotted border indicates a single element that is optional. The type can be simple or complex.
	A layered box represents a multiple occurrence element. A solid line represents a required multiple occurrence element. The number of possible occurrences appears below the box, as depicted by the AddressResults element. An unbounded number of occurrences is represented by the infinity ∞ symbol (maxOccurs="unbounded"), as depicted by the Notifications type. A layered box with a dotted border represents an optional multiple occurrence type (minOccurs="0"), such as ProposedAddressResults. **Note:** An element that is defined as minOccurs="0" may be required for some calls.
	A standard type such as “string” appears in black text below element name. A FedEx specific type such as “Address” appears in red text below the element name.

Required Elements

Most requests to FedEx require the following complex elements:

Note: **T**hese elements are common to most Web Services (see the following table 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 shipper'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 shipper identity.
WebAuthenticationCredential/Key	Unique identifier assigned to each customer as part of their authentication credentials.
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	Required. Your FedEx account number.
ClientDetail/MeterNumber	Maximum of 9 characters. The associated meter number for your FedEx account number.

- A standard type such as “string” appears in black text below element name.
- A FedEx specific type such as “Address” appears in red text below the element name.

Note: When building a Web-based application for shipping that will be used at multiple locations, include the local FedEx Express® account and meter in the ClientDetail section of the ship transaction. Create a database to hold multiple account and meter numbers for the shipping locations.

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.

Element	Description
ServiceId	Identifies a system or sub-system which performs an operation.
Major	Identifies the service business level.
Intermediate	Identifies the service interface level.
Minor	Identifies the service code level.

Shipper Information: Your shipper 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.
Contact	The Contact element includes: • PersonName • Title • CompanyName • Department • PhoneNumber • PagerNumber • FaxNumber • e-mailAddressEmailAddress
Address	This element includes: • StreetLines: two StreetLines elements are allowed. • City • StateOrProvinceCode: required if your shipper address is in the U.S. or Canada. • PostalCode: required. • UrbanizationCode: may be required if your shipper address is in Puerto Rico. • CountryCode: required.
Residential	Required if your shipper address is considered a residential location. If you are unsure, use the Address Validation Service 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:
- FAILURE: Code/message explains that your request could not be handled at this time; do not resubmit right now.

- ERROR: Code/message identifies a problem with your request data; you may fix the request data and try again.
- 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.
- 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.
- 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 severity should never be combined in a single response.

Notification Examples

For example, if you need to perform a U.S. address correction, the service should accept a (U.S.) 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	Reply
Request to submit an Address that is valid and is already in standardized form (i.e., there is nothing to say except "OK").	Notifications: SUCCESS and Address: the original address (or copy).
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").	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.
Request to submit an Address that is valid but with only a 5-digit postal code: the service supplies the ZIP+4 for the standardized address.	Notifications: NOTE, "ZIP+4 suffix added"} and Address: the original address, with the four-digit suffix added to the postal code.
Request to submit an Address that is identifiable by street data, city name, and state code, but with a 5-digit postal code that does not match the other fields. The service supplies the correct ZIP+4 for the standardized address.	Notifications: WARNING, "ZIP code corrected to match rest of address"} and Address: the original address, with the replacement postal code.

Case	Reply
Request to submit an Address that has an incorrect state code. The original address contains a ZIP+4 postal 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.	Notifications: WARNING, "State code corrected to match city and ZIP code"} and Address: the original address, with the revised state code.
Request to submit an Address that has an incorrect state code. The original address contains a ZIP+4 postal code belonging to a city/state pair that matches the client's original city and street address. The service rejects the client's address.	Notifications: ERROR, "State code is incorrect for city/ZIP combination"} and Address: empty (either all fields blank or no Address at all).
Request to submit an Address that contains only a single street line (no city, state, or postal code). The service rejects the request.	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)
Request to submit an Address, but the address correction service's database server is down or fails.	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.

To obtain FedEx Web Services and begin integrating with an application, you will need to access documentation, sample code, and sample service requests and replies with the WSDLs from the FedEx Developer Resource Center Technical Resources. You will also need to obtain a test meter number to engage in real-time online testing in the FedEx- hosted test environment. . Note that not all services are available outside the U.S.

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.

Once an application has completed the above mentioned process and requirements, FedEx will enable the provider's CSP credentials for processing all applicable services in the production environment. The URL needed to direct the CSP application to the FedEx production servers will also be provided. The provider would then need to obtain production User Credentials (Register CSP User Service) and a production meter number (Subscribe Service). Once this information has been obtained with the connection directed to the production servers, the provider's application is considered 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 through Friday, 7 a.m. to 9 p.m. (CST), and Saturday 9 a.m. to 3 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 Solutions 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 CSP providers, go to the Available CSP Solutions page at **fedex.allegis.com/LeadReg.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 and/or 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 Solutions 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 print 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 FedEx 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 and Rate Available Services operations provide 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.
- 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.
- Rating is available for FedEx SmartPost Shipping. See FedEx SmartPost Shipping, subsection FedEx SmartPost Request Elements for more details.
- This quote is an estimate and may differ from the actual invoiced amount.
- 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 discount rates. If you choose LIST as the element value, you receive both discount and list rates, in addition to automation rate quotes.
- 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. FedEx Express information will include the day and date the package will be delivered, based on the ship date you specified. The FedEx Ground response will describe the number of business days required for the package delivery.

RateRequest Elements

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.
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. **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).

Element	Required	Description
SpecialServicesRequested	Optional	Identifies the collection of special services requested by the shipper and offered by FedEx. If the shipper requests a special service that requires additional data (such as C.O.D.), the special service type must be present in the SpecialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object (such as CodDetail). Valid values are: • BROKER_SELECT_OPTION • COD • DRY_ICE • EAST_COAST_SPECIAL • ELECTRONIC_TRADE_DOCUMENTS • EMAIL_NOTIFICATION • FUTURE_DAY_SHIPMENT • HOLD_AT_LOCATION • HOME_DELIVERY_PREMIUM • INSIDE_DELIVERY • INSIDE_PICKUP • PENDING_SHIPMENT • RETURN_SHIPMENT • SATURDAY_DELIVERY • SATURDAY_PICKUP • DANGEROUS_GOODS • 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 • EXHIBITION_DELIVERY • EXHIBITION_PICKUP • CALL_BEFORE_DELIVERY • CUSTOM_DELIVERY_WINDOW • DO_NOT_BREAK_DOWN_PALLETS • DO_NOT_STACK_PALLETS • EXTREME_LENGTH • FOOD • FREIGHT_GUARANTEE • INSIDE_PICKUP

Element	Required	Description
SpecialServicesRequested (Continued)	Optional	• LIFTGATE_DELIVERY • LIFTGATE_PICKUP • LIMITED_ACCESS_PICKUP • POISON • PROTECTION_FROM_FREEZING • TOP_LOAD
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: • ACCOUNT • LIST • MULTIWEIGHT **Note:** RateRequest automatically returns discount rates. If you include the LIST option, the RateRequest returns both list and discount rates.
RequestedPackageDetailType	Optional	Specify the package detail type. Valid values are: • INDIVIDUAL_PACKAGES: Specify details about a single piece shipment rate request. Currently, only one occurrence is supported. • PACKAGE_SUMMARY: Specify details about a multiple-package shipment (MPS) rate request. Use this to rate a total piece and total weight shipment. • PACKAGE_GROUPS: Specify details about a group of packages and the total number of packages in the entire shipment. The maximum number of packages in one rate request is 200.
PackageCount	Optional	The total number of packages in the entire shipment. The maximum number of packages in one rate request is 200.
ServiceOptionType	Optional	Specify if Saturday delivery is required. Valid value is SATURDAY_DELIVERY.
TotalCustomsValue	Optional	The total amount to be declared to the Bureau of Customs and Border Protection for International shipping.
RequestType	Optional	Specify the request type.
RequestSource	Optional	Specify the request source.
CourierInstructions	Optional	Specify any courier instructions.
LatestPickupDateTime	Optional	Specify the last possible pickup time and date.
ReadyDateTime	Optional	Specify the time and date the package will be ready for pickup.

Element	Required	Description
TotalCustomsCurrencyType	Optional	The type of currency to be declared to the Bureau of Customs and Border Protection for International shipping.
VersionId	Required	Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply). Valid values are: • ServiceId: Identifies a system or sub-system which performs an operation. • Major: Identifies the service business level. For the initial FedEx Web Service release this value should be set to 1. • Intermediate: Identifies the service interface level. For the initial FedEx Web Service release this value should be set to 0. • Minor: Identifies the service code level. For the initial FedEx Web Service release this value should be set to 0.

Rating for Multiple-Package Shipment (MPS)

This option is available for FedEx Express U.S. and international multiple-package shipments, FedEx Ground U.S. and international multiple-package shipments, FedEx Express U.S. C.O.D. and international C.O.D. multiple-package shipments, and FedEx 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. For more information about MPS, see Express U.S. Multiple-Package Shipments (MPS).

RateReply Elements

Element	Description
ServiceType	Identifies the FedEx service used in shipping the package.
IneligibleForMoneyBack Guarantee	If the service combination you select makes the shipment ineligible for the FedEx money-back guarantee, this element is returned in the reply. **Note:** This element is returned for FedEx Ground shipments only.
OriginServiceArea	Service area commitment code for origin location. This code applies to a limited number of countries for international shipping. Applies to FedEx Express only. Origin service area is returned for both U.S. and international shipments.
DestinationServiceArea	Returns the DestinationAirportID.
TransitTime	Expected number of days in transit. For FedEx International Ground®, transit time is an estimate only and depends on the customs clearance times. Applies to FedEx Ground only.
SignatureOption	The signature option for this package.
ActualRateType	The actual rate type of the charges for this package/shipment. Rates are returned in the currency code specified in the rate transaction. Valid rate types are: • PAYOR_ACCOUNT_PACKAGE • PAYOR_ACCOUNT_SHIPMENT • PAYOR_LIST_PACKAGE • PAYOR_LIST_SHIPMENT • PAYOR_COUNTER_PACKAGE • PAYOR_COUNTER_SHIPMENT • RATED_ACCOUNT_PACKAGE • RATED_ACCOUNT_SHIPMENT • RATED_LIST_PACKAGE • RATED_LIST_SHIPMENT • RATED_COUNTER_PACKAGE • RATED_COUNTER_SHIPMENT • INCENTIVE FedEx Express U.S. will return either per-package or per-shipment rates, but not both. FedEx Express International will only return per-shipment rates. FedEx Ground and FedEx Ground International will always return the per-package rate and the per-shipment rate where applicable.
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 FedEx Ground® C.O.D. This is a package level element.

Element	Description
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/ ShipmentRateDetail/ ReturnedRateType	Valid value is: • INCENTIVE
ShipmentRateDetail/ DimDivisorType	Identifies the type of dimensional divisor that was applied to the shipment. Valid values are: • Country • Customer • Other • Product • Waived
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 retuned 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.

RateReply Elements

Element	Description
ServiceType	Identifies the FedEx service used in shipping the package.
IneligibleForMoneyBack Guarantee	If the service combination you select makes the shipment ineligible for the FedEx money-back guarantee, this element is returned in the reply. **Note:** This element is returned for FedEx Ground shipments only.

Element	Description
OriginServiceArea	Service area commitment code for origin location. This code applies to a limited number of countries for international shipping. Applies to FedEx Express only. Origin service area is returned for both U.S. and international shipments.
DestinationServiceArea	Returns the DestinationAirportID.
TransitTime	Expected number of days in transit. For FedEx International Ground®, transit time is an estimate only and depends on the customs clearance times. Applies to FedEx Ground only.
SignatureOption	The signature option for this package.
ActualRateType	The actual rate type of the charges for this package/shipment. Rates are returned in the currency code specified in the rate transaction. Valid rate types are: • PAYOR_ACCOUNT_PACKAGE • PAYOR_ACCOUNT_SHIPMENT • PAYOR_LIST_PACKAGE • PAYOR_LIST_SHIPMENT • PAYOR_COUNTER_PACKAGE • PAYOR_COUNTER_SHIPMENT • RATED_ACCOUNT_PACKAGE • RATED_ACCOUNT_SHIPMENT • RATED_LIST_PACKAGE • RATED_LIST_SHIPMENT • RATED_COUNTER_PACKAGE • RATED_COUNTER_SHIPMENT FedEx Express U.S. will return either per-package or per-shipment rates, but not both. FedEx Express International will only return per-shipment rates. FedEx Ground and FedEx Ground International will always return the per-package rate and the per-shipment rate where applicable.
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 FedEx 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.

Element	Description
ShipmentRateDetail/ DimDivisorType	Identifies the type of dimensional divisor that was applied to the shipment. Valid values are: • Country • Customer • Other • Product • Waived
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 retuned 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.

Possible Surcharges

The following table lists possible surcharges returned in the Rate reply for applicable FedEx service options:

Possible Surcharges	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 (FedEx International Controlled Export)
Saturday_Delivery	VAT
Saturday_Pickup	Export

Possible Surcharges	Possible Surcharges
Insured_Value — FedEx declared-value charges are returned in this element. FedEx does not provide insurance of any kind.	Other
Oversize	VariableHandlingCharges — If you specify additional handling charges in the rate quote, charges are returned in the Rate reply.
Return_Label	TotalCustomerCharge — Contains the discounted net freight charge plus the variable handling charge amount.
E-mail_Label	Multiweight — For more information about FedEx Ground Multiweight® requirements, see **fedex.com/us/services/options/multipiece/groundmultiweight.html**.
Fedex_Tag	List Clearance Entry Fee Surcharge for international shipping
Fuel	Clearance Entry Fee Surcharge (Discount) for international shipping
HST (Harmonized sales tax for Canadian origin)	Transmit_Service_Fee
PST (Provincial sales tax for Canadian origin)	Liftgate_Delivery
Exhibition	Liftgate_Pickup
Extreme_Length	Limited_Access_Delivery
Flatbed	Limited_Access_Pickup
Freight_Guarantee	Protection_From_Freezing
Regional_Mall_Delivery	Pre_Delivery_Notification
Regional_Mall_Pickup	Metro_Pickup
Overdimension	Island_Delivery
Tarp	Island_Pickup
Metro_Delivery	

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

XML Schema

See Schema RateService.

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®, FedEx International Ground®
Additional Handling Weight Surcharge	For FedEx Ground or FedEx Express, shipment has an actual weight of greater than 70 lbs.	FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver, FedEx Ground, FedEx International Ground
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, FedEx International Ground
Broker Select Option	A fee applies to B13A for Canada Export Shipping 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 Express, FedEx Priority Overnight, FedEx First Overnight®, FedEx 2Day®, FedEx International Economy® and FedEx International Economy® Freight
Declared Value	FedEx liability for each package is limited to $100USD unless a higher value is declared and paid for. For each package exceeding $100USD in declared value, an additional amount will be charged. FedEx does not provide insurance of any kind.	FedEx Express and FedEx 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	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. 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).	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

Surcharge	Description	Applicable Services
FedEx® Collect on Delivery (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. (E.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
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.	FedEx Express shipments to U.S. addresses and FedEx Ground shipments to U.S. and Canadian addresses
FedEx E-Mail 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 Ground, 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 Ground (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 Convenient Delivery Options	You can choose FedEx Home Delivery Convenient Delivery Options: 1) FedEx Date Certain Home Delivery®, 2) FedEx Evening Home Delivery®, 3) FedEx Appointment Home Delivery®.	FedEx Home Delivery

Surcharge	Description	Applicable Services
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
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, FedEx 2Day Freight, FedEx 3Day 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 Service
Oversize Charge	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. 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. 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.	FedEx Ground and FedEx 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 Express, FedEx Ground, FedEx International Ground (Canada only), 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.	FedEx International Priority, FedEx International Economy, and FedEx International Economy® Freight services
Fuel Surcharge	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. 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.	FedEx Express, FedEx Ground, and FedEx 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	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 about FedEx Ground Multiweight requirements, see **fedex.com/us/services/options/multipiece/groundmultiweight.html**. **Note:** To help calculate multiweight discounts, you can download the FedEx Ground Multiweight utility at **fedex.com/us/solutions/multiweight**.
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. Earned discounts are also available for FedEx SmartPost shipping.

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

XML Schema

See Schema RateService.

Error Messages

See Appendix O: Error Codes for a list of error codes and their associated messages.

Schema
RateService_v9.xsd

targetNamespace: **http://fedex.com/ws/rate/v9**

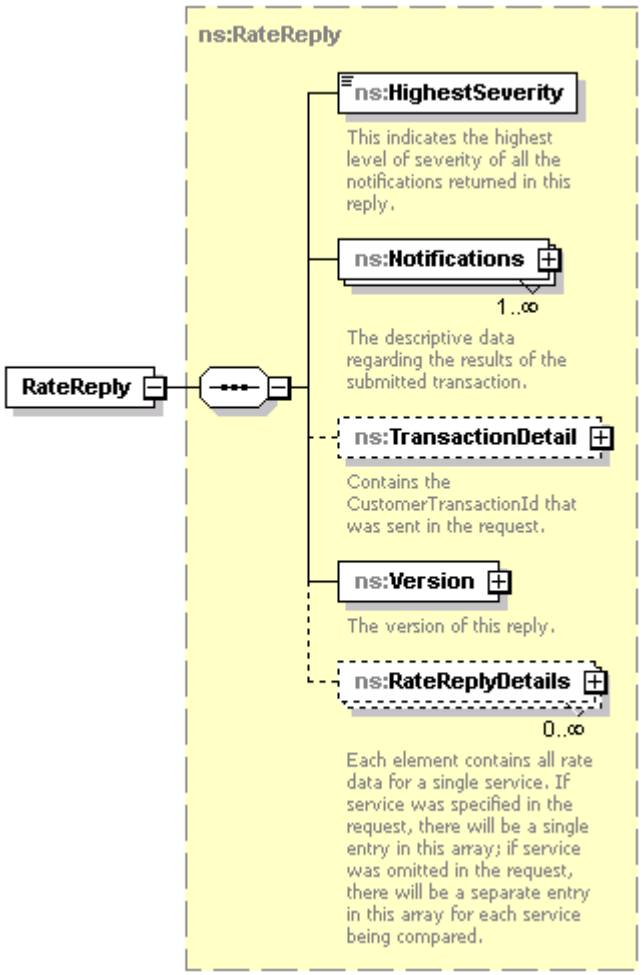
Elements
RateReply
RateRequest

Complex types
AdditionalLabelsDetail
Address
CertificateOfOriginDetail
ClientDetail
CodDetail
CommercialInvoice
CommercialInvoiceDetail
CommitDetail
Commodity
ConfigurableLabelReferenceEntry
Contact
ContactAndAddress
ContentRecord
CurrencyExchangeRate
CustomDeliveryWindowDetail
CustomDocumentDetail
CustomerImageUsage
CustomerReference
CustomerSpecifiedLabelDetail
CustomLabelBarcodeEntry
CustomLabelBoxEntry
CustomLabelDetail
CustomLabelGraphicEntry
CustomLabelPosition
CustomLabelTextEntry
CustomsClearanceDetail
DangerousGoodsDetail
DateRange
DelayDetail
DestinationControlDetail
Dimensions
Distance
DocTabContent
DocTabContentBarcoded
DocTabContentZone001
DocTabZoneSpecification
EdtCommodityTax
EdtExciseCondition
EdtTaxDetail
EMailLabelDetail
EMailNotificationDetail
EMailNotificationRecipient
EtdDetail
ExportDetail
ExpressFreightDetail
ExpressFreightDetailContact
FlatbedTrailerDetail
FreightBaseCharge
FreightCommitDetail
FreightGuaranteeDetail
FreightRateDetail
FreightRateNotation
FreightServiceCenterDetail
FreightShipmentDetail
FreightShipmentLineItem
FreightSpecialServicePayment
GeneralAgencyAgreementDetail
HazardousCommodityContent
HazardousCommodityDescription
HazardousCommodityOptionDetail
HazardousCommodityPackagingDetail
HazardousCommodityQuantityDetail

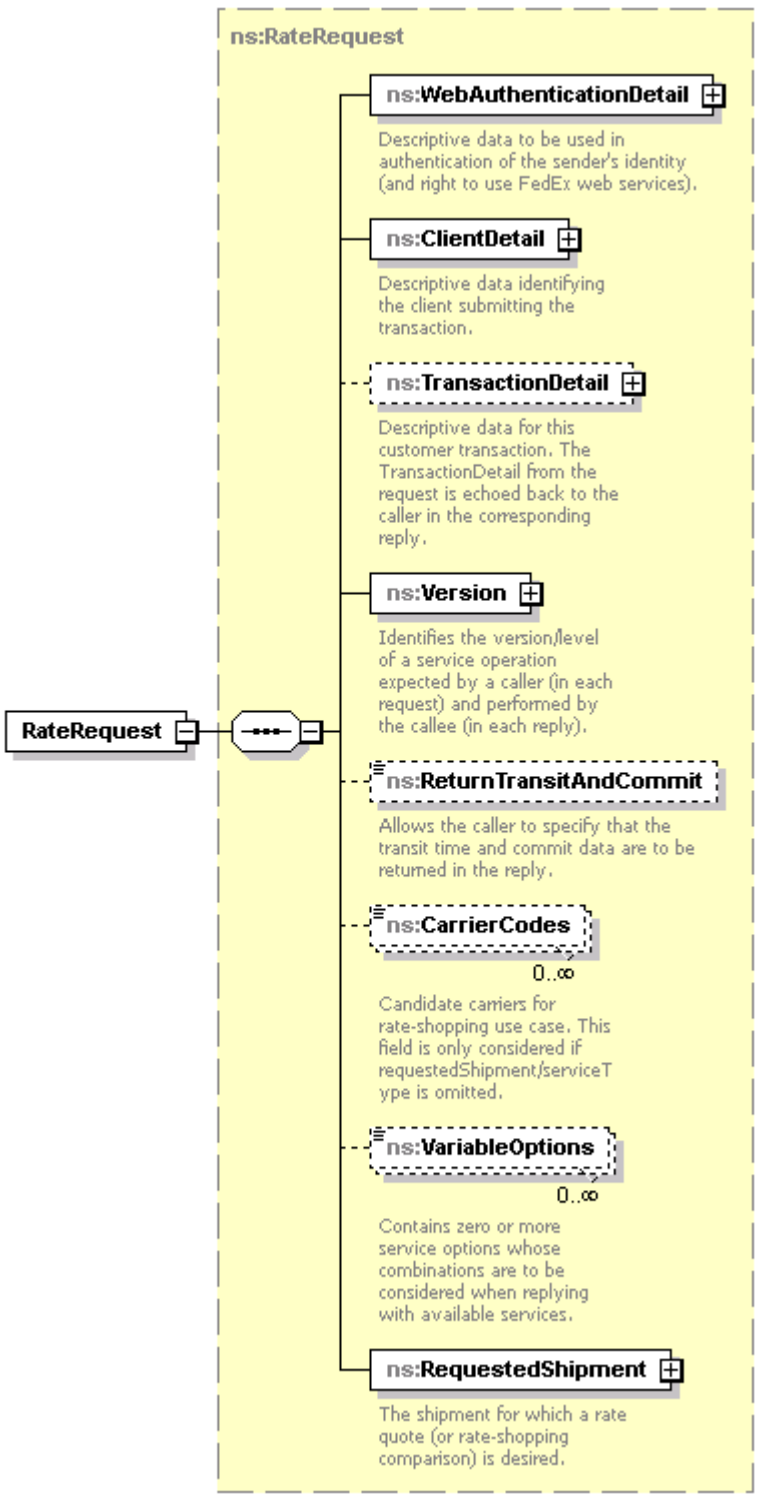
Simple types
AdditionalLabelsType
B13AFilingOptionType
BarcodeSymbologyType
CarrierCodeType
ClearanceBrokerageType
CodAddTransportationChargesType
CodCollectionType
CodReturnReferenceIndicatorType
CommitmentDelayType
CustomDeliveryWindowType
CustomerImageUsageType
CustomerReferenceType
CustomLabelCoordinateUnits
DangerousGoodsAccessibilityType
DayOfWeekType
DelayLevelType
DelayPointType
DestinationControlStatementType
DistanceUnits
DocTabContentType
DocTabZoneJustificationType
DropoffType
EdtRequestType
EdtTaxType
EMailNotificationFormatType
EMailNotificationRecipientType
ExpressRegionCode
FedExLocationType
FlatbedTrailerOption
FreightAccountPaymentType
FreightBaseChargeCalculationType
FreightChargeBasisType
FreightClassType
FreightGuaranteeType
FreightOnValueType
FreightServiceSchedulingType
FreightShipmentRoleType
HazardousCommodityLabelTextOptionType
HazardousCommodityOptionType
HazardousCommodityPackingGroupType
HomeDeliveryPremiumType
ImageId
InternationalDocumentContentType
LabelFormatType
LabelMaskableDataType
LabelPrintingOrientationType
LabelRotationType
LabelStockType
LiabilityCoverageType
LinearUnits
MinimumChargeType
NaftaImporterSpecificationType
NaftaNetCostMethodCode
NaftaPreferenceCriterionCode
NaftaProducerDeterminationCode
NaftaProducerSpecificationType
NotificationSeverityType
OversizeClassType
PackageSpecialServiceType
PackagingType
PaymentType
PendingShipmentType

HoldAtLocationDetail
HomeDeliveryPremiumDetail
LabelSpecification
LiabilityCoverageDetail
LinearMeasure
Localization
Measure
Money
NaftaCertificateOfOriginDetail
NaftaCommodityDetail
NaftaProducer
Notification
NotificationParameter
Op900Detail
PackageRateDetail
PackageSpecialServicesRequested
Party
Payment
Payor
PendingShipmentDetail
PickupDetail
PriorityAlertDetail
RateDiscount
RatedPackageDetail
RatedShipmentDetail
RateReply
RateReplyDetail
RateRequest
Rebate
RecipientCustomsId
RequestedPackageLineItem
RequestedShipment
ReturnEMailDetail
ReturnShipmentDetail
Rma
ServiceSubOptionDetail
ShipmentDryIceDetail
ShipmentRateDetail
ShipmentSpecialServicesRequested
ShippingDocumentDispositionDetail
ShippingDocumentEMailDetail
ShippingDocumentEMailRecipient
ShippingDocumentFormat
ShippingDocumentPrintDetail
ShippingDocumentSpecification
SignatureOptionDetail
SmartPostShipmentDetail
Surcharge
Tax
TaxpayerIdentification
TrackingId
TransactionDetail
UploadDocumentDetail
UploadDocumentReferenceDetail
VariableHandlingChargeDetail
VariableHandlingCharges
VersionId
Volume
WebAuthenticationCredential
WebAuthenticationDetail
Weight
PhysicalPackagingType
PickupRequestSourceType
PickupRequestType
PricingCodeType
PurposeOfShipmentType
RateDimensionalDivisorType
RateDiscountType
RatedWeightMethod
RateRequestType
RebateType
RecipientCustomsIdType
RegulatoryControlType
RequestedPackageDetailType
RequestedShippingDocumentType
RequiredShippingDocumentType
ReturnedRateType
ReturnEMailAllowedSpecialServiceType
ReturnType
ServiceOptionType
ServiceType
ShipmentSpecialServiceType
ShippingDocumentDispositionType
ShippingDocumentEMailGroupingType
ShippingDocumentGroupingType
ShippingDocumentImageType
ShippingDocumentStockType
SignatureOptionType
SmartPostAncillaryEndorsementType
SmartPostIndiciaType
SpecialRatingAppliedType
SurchargeLevelType
SurchargeType
TaxType
TermsOfSaleType
TinType
TrackingIdType
TransitTimeType
UploadDocumentIdProducer
UploadDocumentProducerType
UploadDocumentType
VariableHandlingChargeType
VolumeUnits
WeightUnits

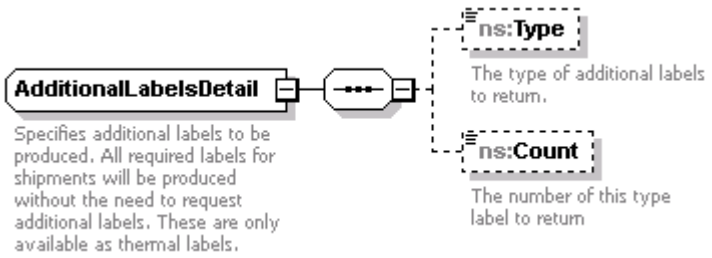
element **RateReply**

diagram	
namespace	http://fedex.com/ws/rate/v9
type	**ns:RateReply**
properties	content complex
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:RateReplyDetails**
source	<xs:element name="RateReply" type="ns:RateReply"/>

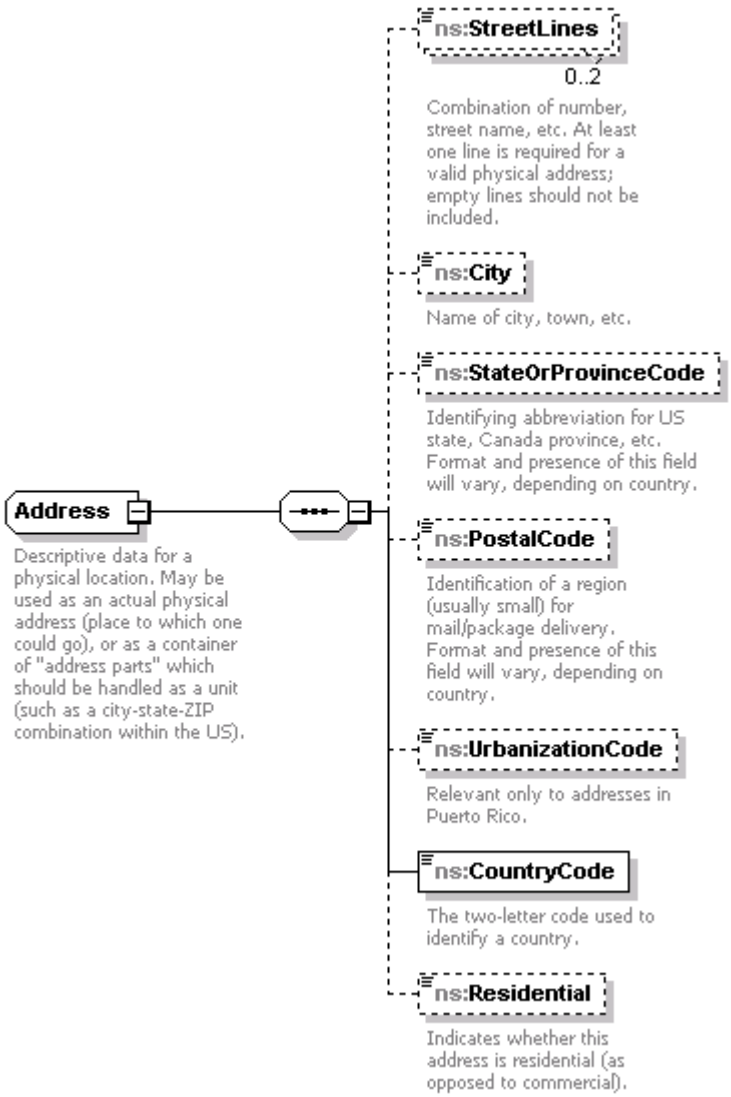
element **RateRequest**

diagram	
namespace	http://fedex.com/ws/rate/v9
type	ns:RateRequest
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ReturnTransitAndCommit ns:CarrierCodes ns:VariableOptions ns:RequestedShipment**
source	<xs:element name="RateRequest" type="ns:RateRequest"/>

complexType **AdditionalLabelsDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Type ns:Count**
used by	element **CustomerSpecifiedLabelDetail/AdditionalLabels**
annotation	documentation Specifies additional labels to be produced. All required labels for shipments will be produced without the need to request additional labels. These are only available as thermal labels.
source	<xs:complexType name="AdditionalLabelsDetail"> <xs:annotation> <xs:documentation>Specifies additional labels to be produced. All required labels for shipments will be produced without the need to request additional labels. These are only available as thermal labels.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:AdditionalLabelsType" minOccurs="0"> <xs:annotation> <xs:documentation>The type of additional labels to return.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>The number of this type label to return</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **Address**

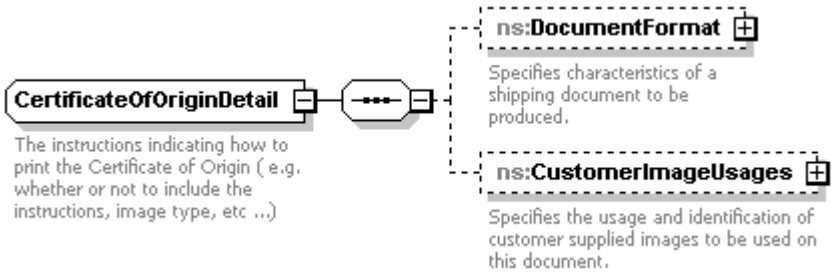
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:StreetLines ns:City ns:StateOrProvinceCode ns:PostalCode ns:UrbanizationCode ns:CountryCode ns:Residential**
used by	elements **ContactAndAddress/Address Party/Address CommitDetail/BrokerAddress**
annotation	documentation Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).

source

```
<xs:complexType name="Address">
  <xs:annotation>
    <xs:documentation>Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).</xs:documentation>
  </xs:annotation>
  <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:annotation>
    </xs:element>
    <xs:element name="City" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Name of city, town, etc.</xs:documentation>
```

```
    </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: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.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="UrbanizationCode" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Relevant only to addresses in Puerto Rico.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CountryCode" type="xs:string">
    <xs:annotation>
     <xs:documentation>The two-letter code used to identify a country.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="Residential" type="xs:boolean" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Indicates whether this address is residential (as opposed to
commercial).</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **CertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:DocumentFormat ns:CustomerImageUsages**
used by	element **ShippingDocumentSpecification/CertificateOfOrigin**
annotation	documentation The instructions indicating how to print the Certificate of Origin (e.g. whether or not to include the instructions, image type, etc ...)

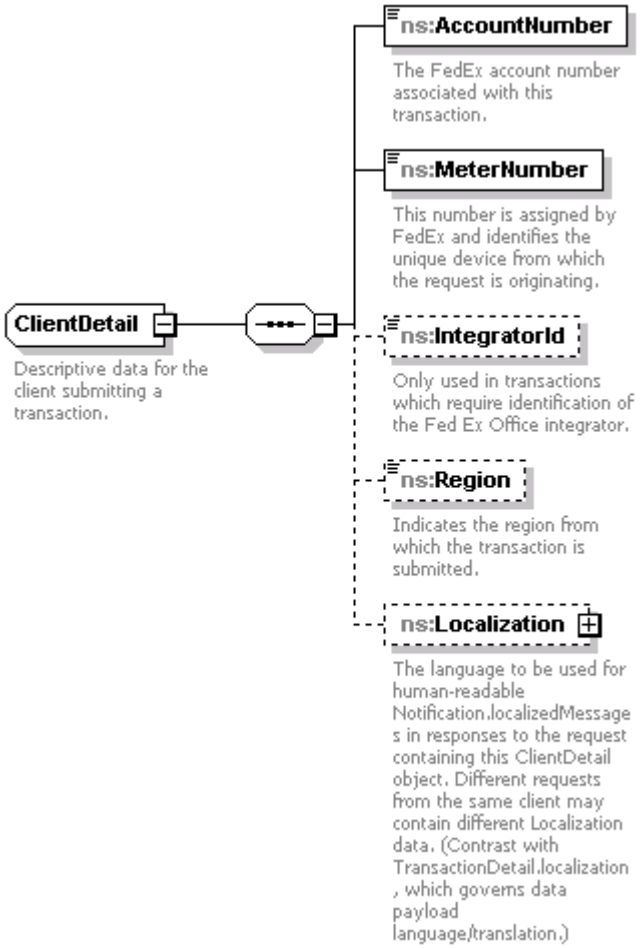
source

```
<xs:complexType name="CertificateOfOriginDetail">
 <xs:annotation>
  <xs:documentation>The instructions indicating how to print the Certificate of Origin ( e.g.
whether or not to include the instructions, image type, etc ...)</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="DocumentFormat" type="ns:ShippingDocumentFormat" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Specifies characteristics of a shipping document to be
```

```
produced.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Specifies the usage and identification of customer supplied images to be
used on this document.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```


complexType **ClientDetail**

diagram



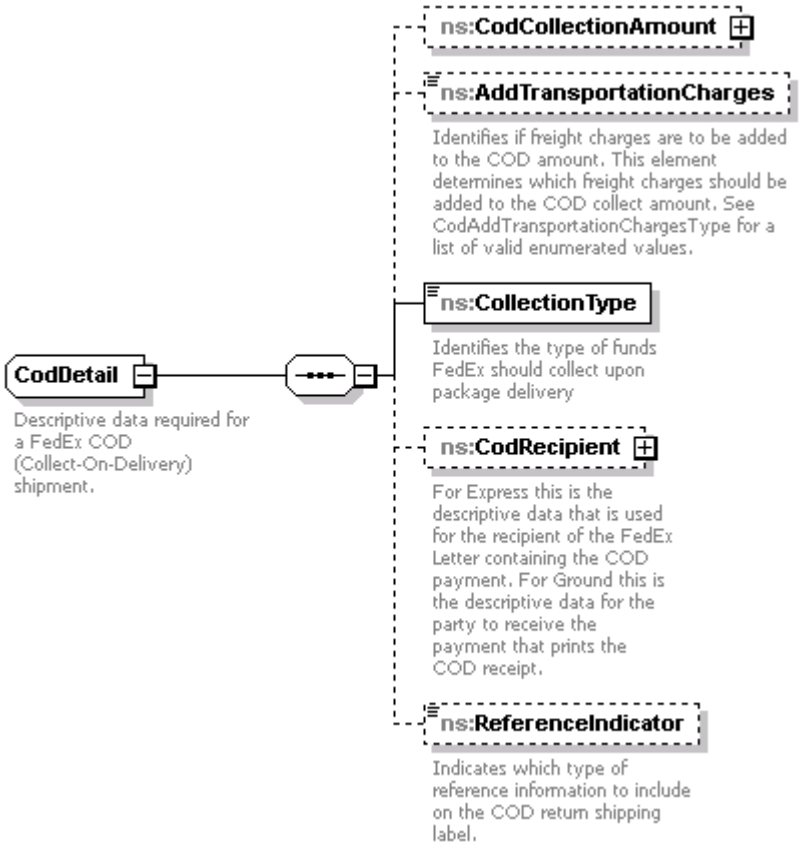
namespace	http://fedex.com/ws/rate/v9
children	**ns:AccountNumber ns:MeterNumber ns:IntegratorId ns:Region ns:Localization**
used by	element **RateRequest/ClientDetail**
annotation	documentation Descriptive data for the client submitting a transaction.

source


```
<xs:complexType name="ClientDetail">
 <xs:annotation>
  <xs:documentation>Descriptive data for the client submitting a transaction.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="AccountNumber" type="xs:string">
   <xs:annotation>
    <xs:documentation>The FedEx account number associated with this
transaction.</xs:documentation>
```

```
      </xs:annotation>
    </xs:element>
    <xs:element name="MeterNumber" type="xs:string">
      <xs:annotation>
        <xs:documentation>This number is assigned by FedEx and identifies the unique device from which the request is originating.</xs:documentation>
      </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>The language to be 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**

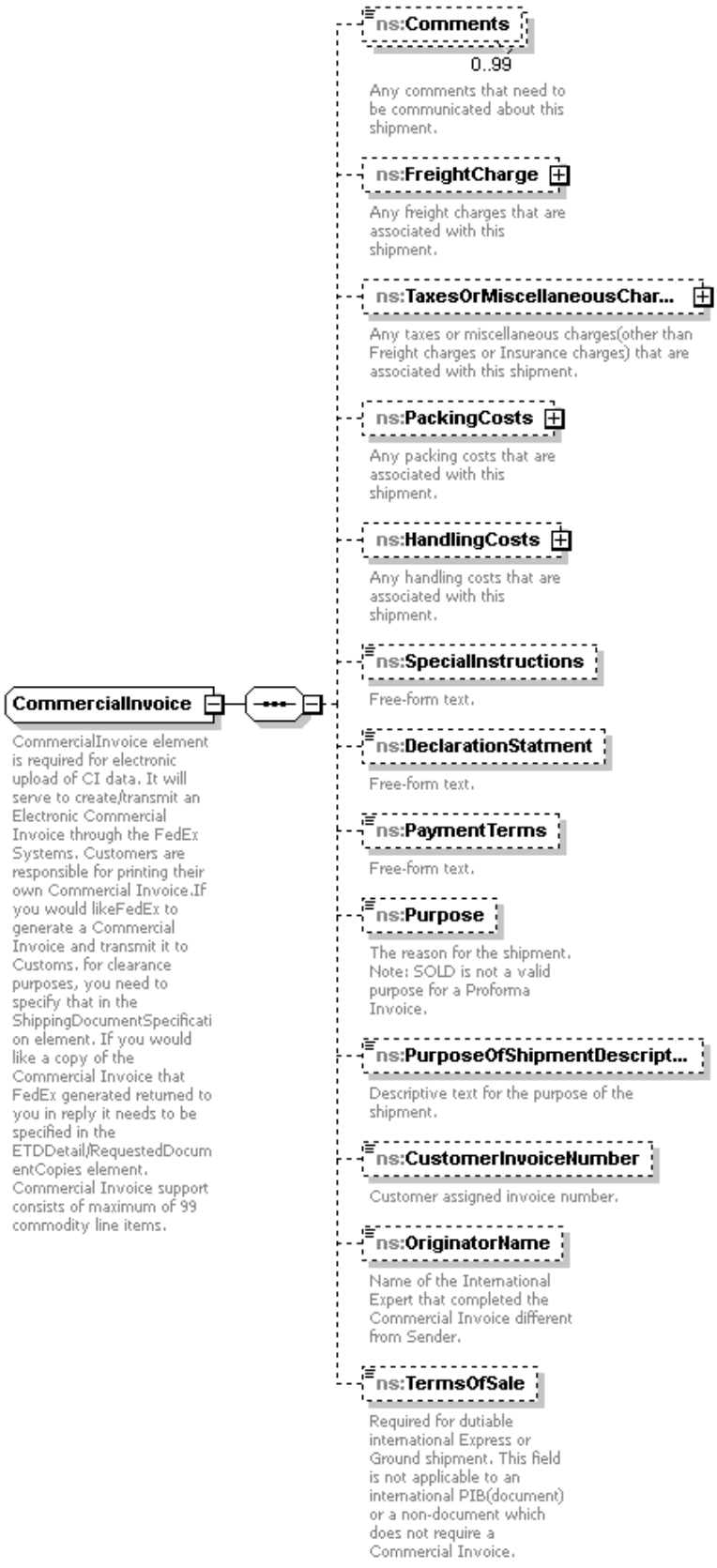
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CodCollectionAmount ns:AddTransportationCharges ns:CollectionType ns:CodRecipient ns:ReferenceIndicator**
used by	elements **PackageSpecialServicesRequested/CodDetail ShipmentSpecialServicesRequested/CodDetail**
annotation	documentation Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment.

source

```
<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="CodCollectionAmount" type="ns:Money" minOccurs="0"/>
    <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 a 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</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CodRecipient" type="ns:Party" minOccurs="0">
      <xs:annotation>
        <xs:documentation>For Express this is the descriptive data that is used for the recipient of the FedEx Letter containing the COD payment. For Ground this is the descriptive data for the party to receive the payment that prints the COD receipt.</xs:documentation>
```

```
      </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	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Comments ns:FreightCharge ns:TaxesOrMiscellaneousCharge ns:PackingCosts ns:HandlingCosts ns:SpecialInstructions ns:DeclarationStatment ns:PaymentTerms ns:Purpose ns:PurposeOfShipmentDescription ns:CustomerInvoiceNumber ns:OriginatorName ns:TermsOfSale**
used by	element **CustomsClearanceDetail/CommercialInvoice**

annotation

documentation
CommercialInvoice element is required for electronic upload of CI data. It will serve to create/transmit an Electronic Commercial Invoice through the FedEx Systems. Customers are responsible for printing their own Commercial Invoice.If you would likeFedEx to generate a Commercial Invoice and transmit it to Customs. for clearance purposes, you need to specify that in the ShippingDocumentSpecification element. If you would like a copy of the Commercial Invoice that FedEx generated returned to you in reply it needs to be specified in the ETDDetail/RequestedDocumentCopies element. Commercial Invoice support consists of maximum of 99 commodity line items.

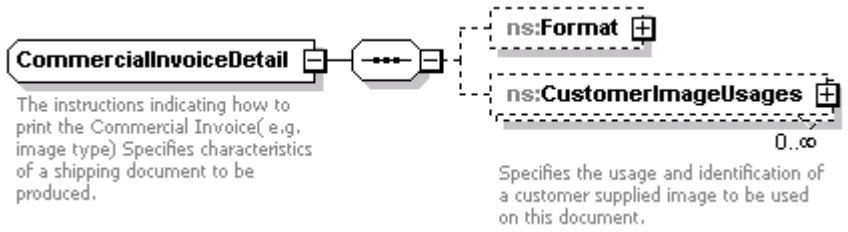
source

```
<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 the FedEx Systems. Customers are responsible for printing their own Commercial Invoice.If you would likeFedEx to generate a Commercial Invoice and transmit it to Customs. for clearance purposes, you need to specify that in the ShippingDocumentSpecification element. If you would like a copy of the Commercial Invoice that FedEx generated returned to you in reply it needs to be specified in the ETDDetail/RequestedDocumentCopies element. Commercial Invoice support consists of 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>Any comments that need to be communicated about this shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="FreightCharge" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Any freight charges that are associated with this shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TaxesOrMiscellaneousCharge" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Any taxes or miscellaneous charges(other than Freight charges or Insurance charges) that are associated with this shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackingCosts" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Any packing costs that are associated with this shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="HandlingCosts" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Any handling costs that are associated with this shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SpecialInstructions" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Free-form text.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DeclarationStatment" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Free-form text.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PaymentTerms" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Free-form text.</xs:documentation>
   </xs:annotation>
```

```
    </xs:element>
    <xs:element name="Purpose" type="ns:PurposeOfShipmentType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The reason for the shipment. Note: 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>
        <xs:documentation>Customer assigned invoice number.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="OriginatorName" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Name of the International Expert that completed the Commercial Invoice
different from Sender.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TermsOfSale" type="ns:TermsOfSaleType" minOccurs="0">
      <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.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **CommercialInvoiceDetail**

diagram



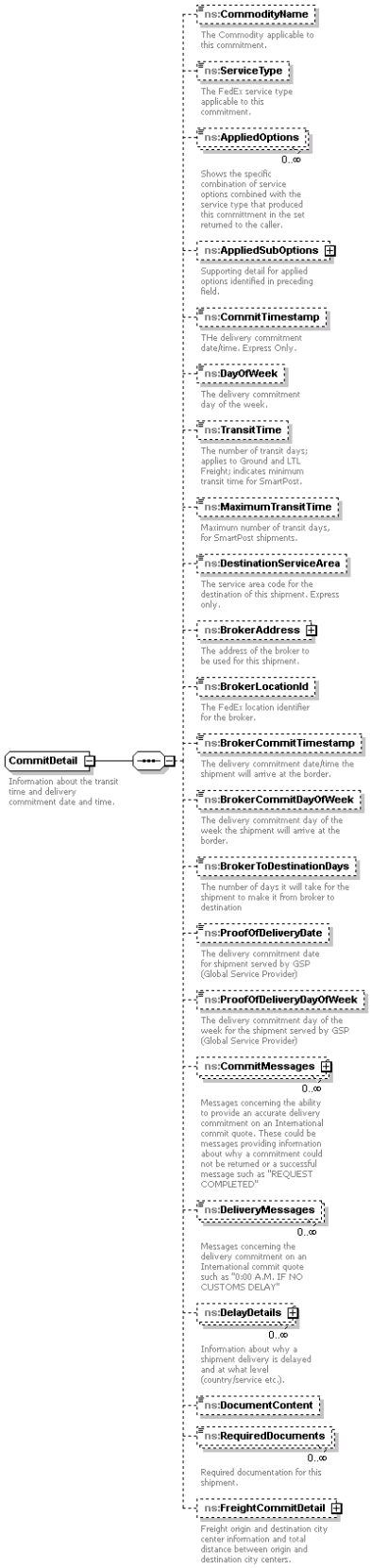
namespace	http://fedex.com/ws/rate/v9
children	**ns:Format ns:CustomerImageUsages**
used by	element **ShippingDocumentSpecification/CommercialInvoiceDetail**
annotation	documentation The instructions indicating how to print the Commercial Invoice(e.g. image type) Specifies characteristics of a shipping document to be produced.

source

```
<xs:complexType name="CommercialInvoiceDetail">
  <xs:annotation>
    <xs:documentation>The instructions indicating how to print the Commercial Invoice( e.g. image
type) Specifies characteristics of a shipping document to be produced.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/>
    <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
```

	<xs:documentation>Specifies the usage and identification of a customer supplied image to be used on this document.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **CommitDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CommodityName ns:ServiceType ns:AppliedOptions ns:AppliedSubOptions ns:CommitTimestamp ns:DayOfWeek ns:TransitTime ns:MaximumTransitTime ns:DestinationServiceArea ns:BrokerAddress ns:BrokerLocationId ns:BrokerCommitTimestamp ns:BrokerCommitDayOfWeek ns:BrokerToDestinationDays ns:ProofOfDeliveryDate ns:ProofOfDeliveryDayOfWeek ns:CommitMessages ns:DeliveryMessages ns:DelayDetails ns:DocumentContent ns:RequiredDocuments ns:FreightCommitDetail**

used by	element **RateReplyDetail/CommitDetails**
annotation	documentation Information about the transit time and delivery commitment date and time.

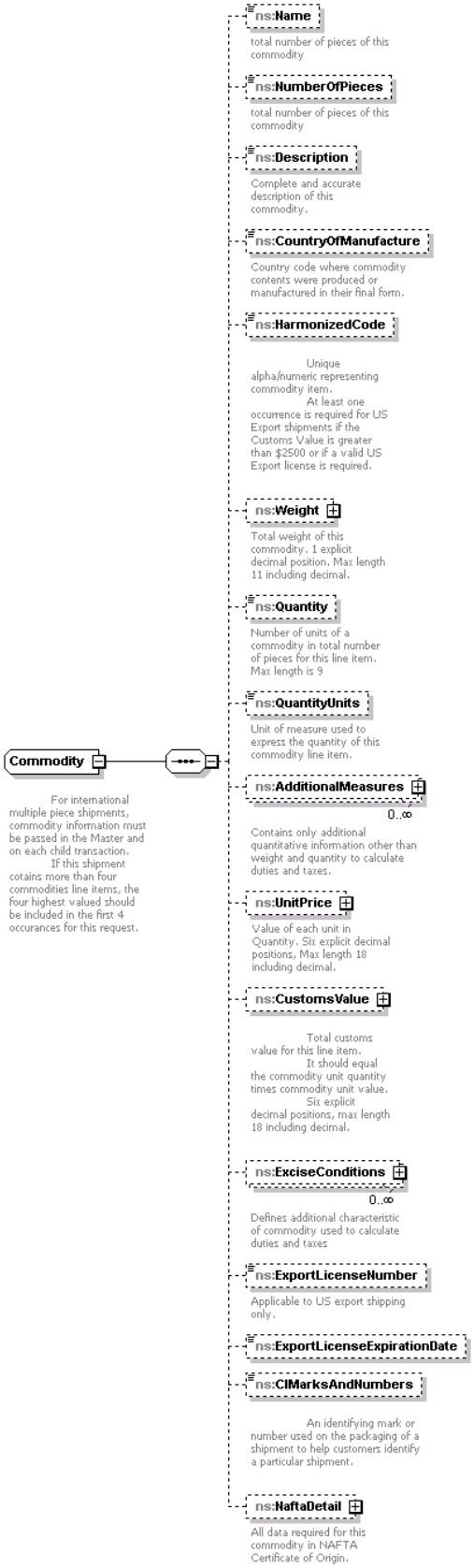
source

```
<xs:complexType name="CommitDetail">
 <xs:annotation>
  <xs:documentation>Information about the transit time and delivery commitment date and
time.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="CommodityName" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The Commodity applicable to this commitment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ServiceType" type="ns:ServiceType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The FedEx service type applicable to this
commitment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AppliedOptions" type="ns:ServiceOptionType" minOccurs="0"
maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Shows the specific combination of service options combined with the
service type that produced this committment in the set returned to the caller.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <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="CommitTimestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
    <xs:documentation>THe delivery commitment date/time. Express Only.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DayOfWeek" type="ns:DayOfWeekType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The delivery commitment day of the week.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TransitTime" type="ns:TransitTimeType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The number of transit days; applies to Ground and LTL Freight; indicates
minimum transit time for SmartPost.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="MaximumTransitTime" type="ns:TransitTimeType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Maximum number of transit days, for SmartPost
shipments.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DestinationServiceArea" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The service area code for the destination of this shipment. Express
only.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="BrokerAddress" type="ns:Address" minOccurs="0">
```

```
      <xs:annotation>
        <xs:documentation>The address of the broker to be used for this
shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BrokerLocationId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The FedEx location identifier for the broker.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BrokerCommitTimestamp" type="xs:dateTime" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The delivery commitment date/time the shipment will arrive at the
border.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BrokerCommitDayOfWeek" type="ns:DayOfWeekType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The delivery commitment day of the week the shipment will arrive at the
border.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="BrokerToDestinationDays" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The number of days it will take for the shipment to make it from broker to
destination</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProofOfDeliveryDate" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The delivery commitment date for shipment served by GSP (Global
Service Provider)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProofOfDeliveryDayOfWeek" type="ns:DayOfWeekType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The delivery commitment day of the week for the shipment served by
GSP (Global Service Provider)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CommitMessages" type="ns:Notification" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Messages concerning the ability to provide an accurate delivery
commitment on an International commit quote. These could be messages providing information
about why a commitment could not be returned or a successful message such as "REQUEST
COMPLETED"</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DeliveryMessages" type="xs:string" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Messages concerning the delivery commitment on an International
commit quote such as "0:00 A.M. IF NO CUSTOMS DELAY"</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DelayDetails" type="ns:DelayDetail" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Information about why a shipment delivery is delayed and at what level
(country/service etc.).</xs:documentation>
      </xs:annotation>
```

```
    </xs:element>
    <xs:element name="DocumentContent" type="ns:InternationalDocumentContentType"
minOccurs="0"/>
    <xs:element name="RequiredDocuments" type="ns:RequiredShippingDocumentType"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Required documentation for this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FreightCommitDetail" type="ns:FreightCommitDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Freight origin and destination city center information and total distance
between origin and destination city centers.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **Commodity**

diagram	
namespace	http://fedex.com/ws/rate/v9
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 **CustomsClearanceDetail/Commodities**

annotation

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 occurances for this request.

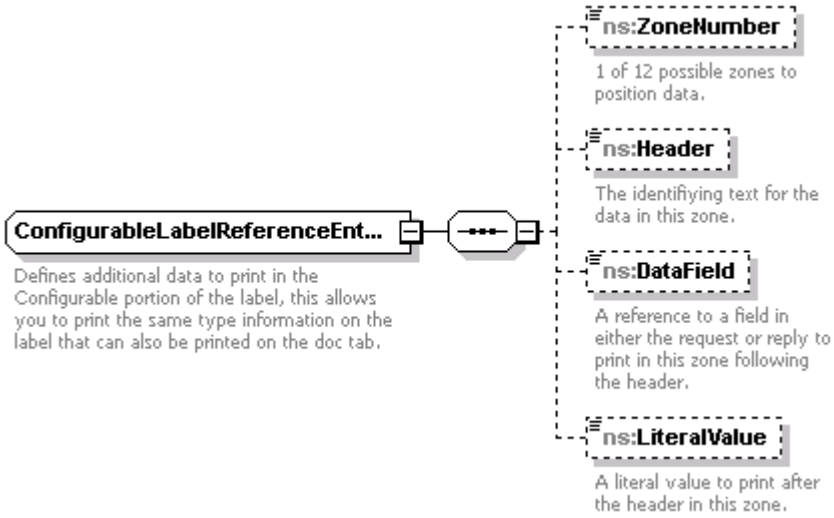
source

```
<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 cotains more than four commodities line items, the four highest valued should be included in the first 4 occurances 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 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: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/v9
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.

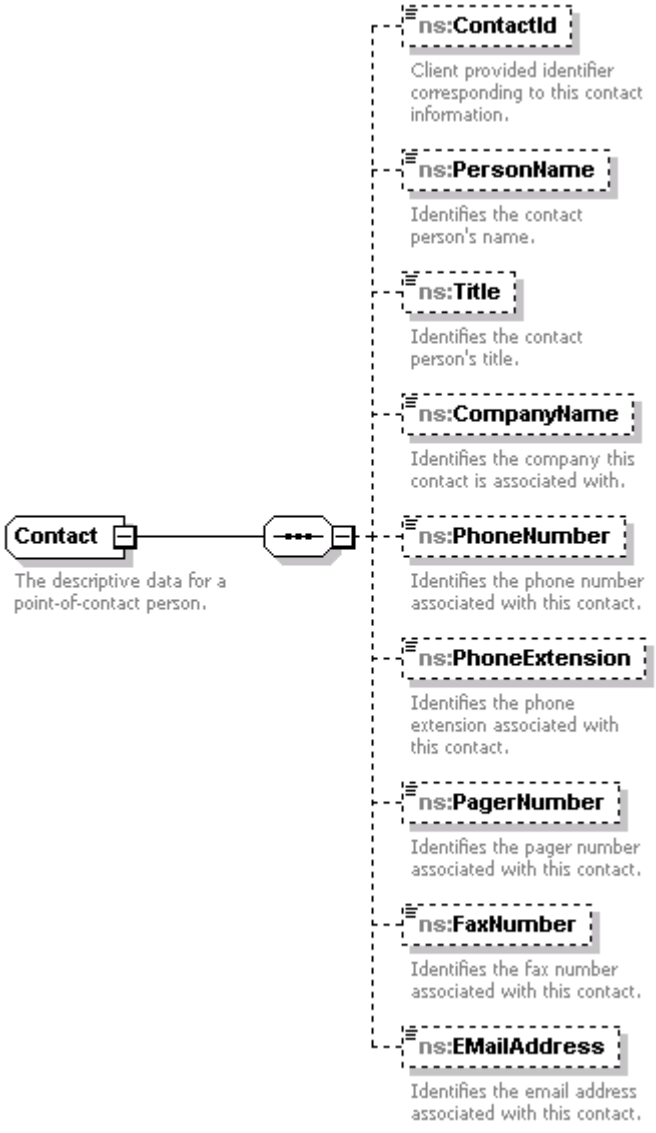
source

```
<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 identifiying 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>
```

complexType **Contact**

diagram



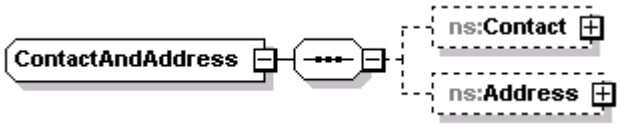
namespace	http://fedex.com/ws/rate/v9
children	**ns:ContactId ns:PersonName ns:Title ns:CompanyName ns:PhoneNumber ns:PhoneExtension ns:PagerNumber ns:FaxNumber ns:EMailAddress**
used by	elements **ContactAndAddress/Contact Party/Contact NaftaCertificateOfOriginDetail/SignatureContact**
annotation	documentation The descriptive data for a point-of-contact person.

source

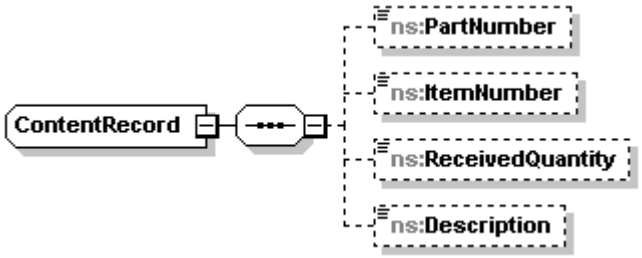
```
<xs:complexType name="Contact">
  <xs:annotation>
    <xs:documentation>The descriptive data for a point-of-contact person.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="ContactId" type="xs:string" minOccurs="0">
```

```
      <xs:annotation>
        <xs:documentation>Client provided identifier corresponding to this contact
information.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PersonName" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the contact person's name.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Title" type="xs:string" minOccurs="0">
      <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 company this contact is associated
with.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PhoneNumber" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the phone number associated with this
contact.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PhoneExtension" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the phone extension associated with this
contact.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PagerNumber" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the pager number associated with this
contact.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FaxNumber" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the fax number associated with this
contact.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EMailAddress" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the email address associated with this
contact.</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>
```

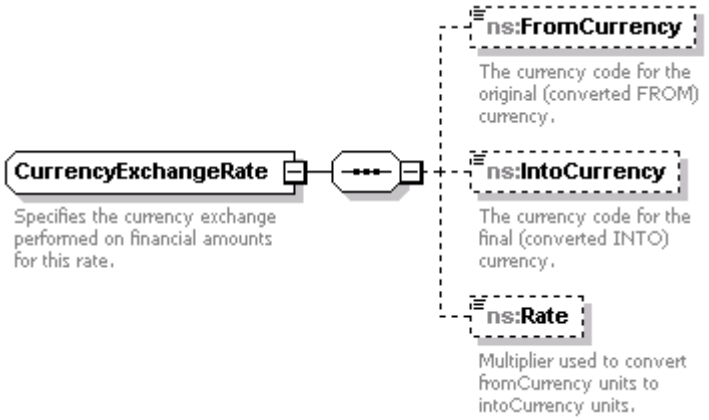
complexType **ContactAndAddress**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Contact ns:Address**
used by	elements **FreightServiceCenterDetail/ContactAndAddress FreightShipmentDetail/FedExFreightBillingContactAndAddress FreightShipmentDetail/FedExNationalFreightBillingContactAndAddress HoldAtLocationDetail/LocationContactAndAddress RequestedShipment/Origin LabelSpecification/PrintedLabelOrigin**
source	<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>

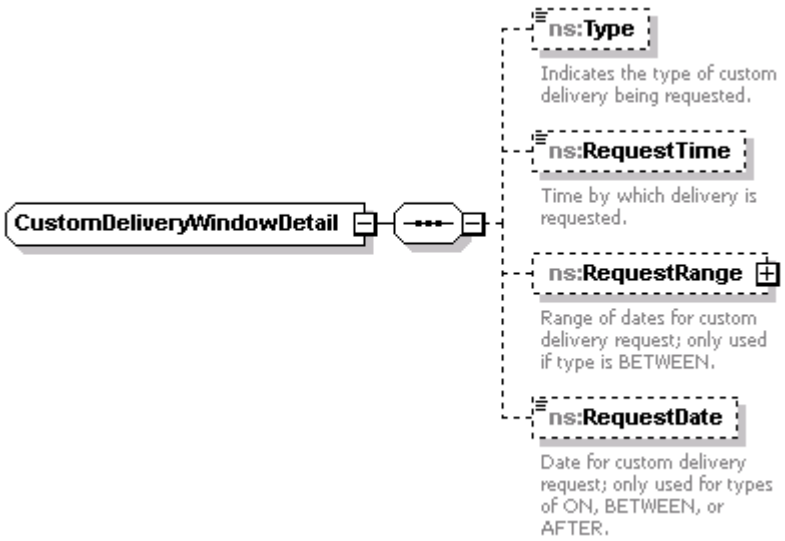
complexType **ContentRecord**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PartNumber ns:ItemNumber ns:ReceivedQuantity ns:Description**
used by	element **RequestedPackageLineItem/ContentRecords**
source	<xs:complexType name="ContentRecord"> <xs:sequence> <xs:element name="PartNumber" type="xs:string" minOccurs="0"/> <xs:element name="ItemNumber" type="xs:string" minOccurs="0"/> <xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="Description" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **CurrencyExchangeRate**

diagram	
namespace	http://fedex.com/ws/rate/v9
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	<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) 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>

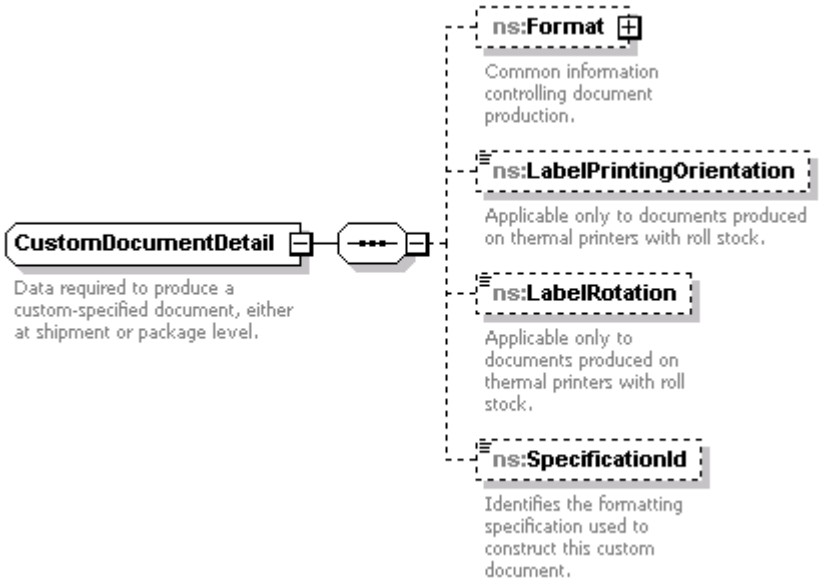
complexType **CustomDeliveryWindowDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Type ns:RequestTime ns:RequestRange ns:RequestDate**
used by	element **ShipmentSpecialServicesRequested/CustomDeliveryWindowDetail**

source

```
<xs:complexType name="CustomDeliveryWindowDetail">
 <xs:sequence>
  <xs:element name="Type" type="ns:CustomDeliveryWindowType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Indicates the type of custom delivery being
requested.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="RequestTime" type="xs:time" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Time by which delivery is requested.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="RequestRange" type="ns:DateRange" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Range of dates for custom delivery request; only used if type is
BETWEEN.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="RequestDate" type="xs:date" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Date for custom delivery request; only used for types of ON, BETWEEN,
or AFTER.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

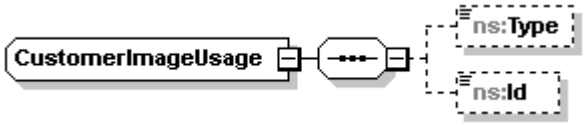
complexType **CustomDocumentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Format ns:LabelPrintingOrientation ns:LabelRotation ns:SpecificationId**
used by	elements **ShippingDocumentSpecification/CustomPackageDocumentDetail** **ShippingDocumentSpecification/CustomShipmentDocumentDetail**
annotation	documentation Data required to produce a custom-specified document, either at shipment or package level.

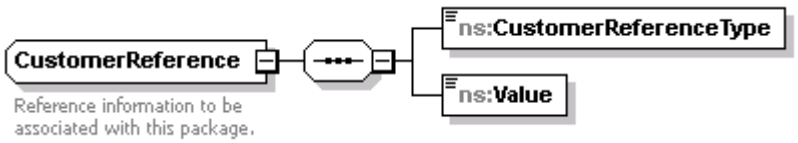
source

```
<xs:complexType name="CustomDocumentDetail">
 <xs:annotation>
  <xs:documentation>Data required to produce a custom-specified document, either at shipment or package level.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Common information controlling document production.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LabelPrintingOrientation" type="ns:LabelPrintingOrientationType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Applicable only to documents produced on thermal printers with roll stock.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LabelRotation" type="ns:LabelRotationType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Applicable only to documents produced on thermal printers with roll stock.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SpecificationId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the formatting specification used to construct this custom document.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

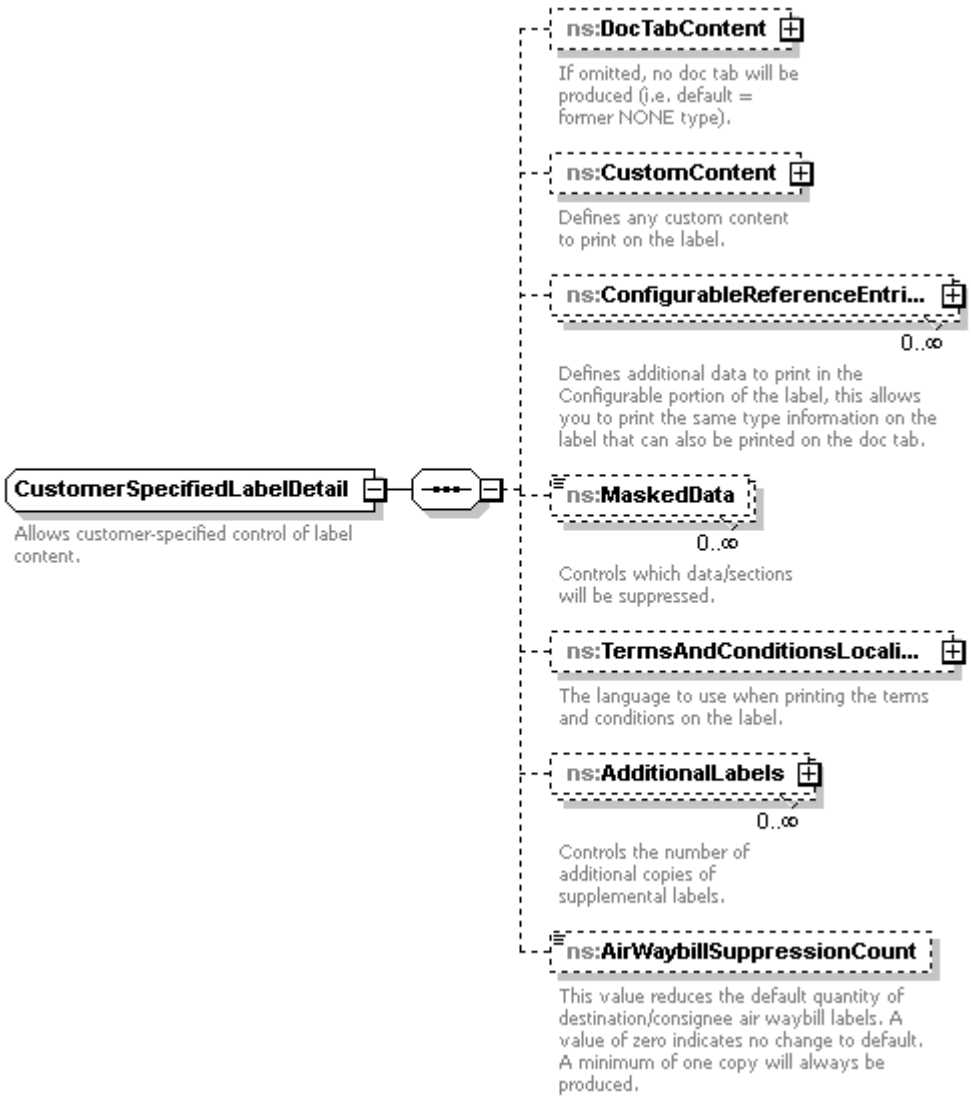
complexType **CustomerImageUsage**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Type ns:Id**
used by	elements **CertificateOfOriginDetail/CustomerImageUsages CommercialInvoiceDetail/CustomerImageUsages NaftaCertificateOfOriginDetail/CustomerImageUsages Op900Detail/CustomerImageUsages**
source	<xs:complexType name="CustomerImageUsage"> <xs:sequence> <xs:element name="Type" type="ns:CustomerImageUsageType" minOccurs="0"/> <xs:element name="Id" type="ns:ImageId" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **CustomerReference**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CustomerReferenceType ns:Value**
used by	element **RequestedPackageLineItem/CustomerReferences**
annotation	documentation Reference information to be associated with this package.
source	<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:element name="Value" type="xs:string"/> </xs:sequence> </xs:complexType>

complexType **CustomerSpecifiedLabelDetail**

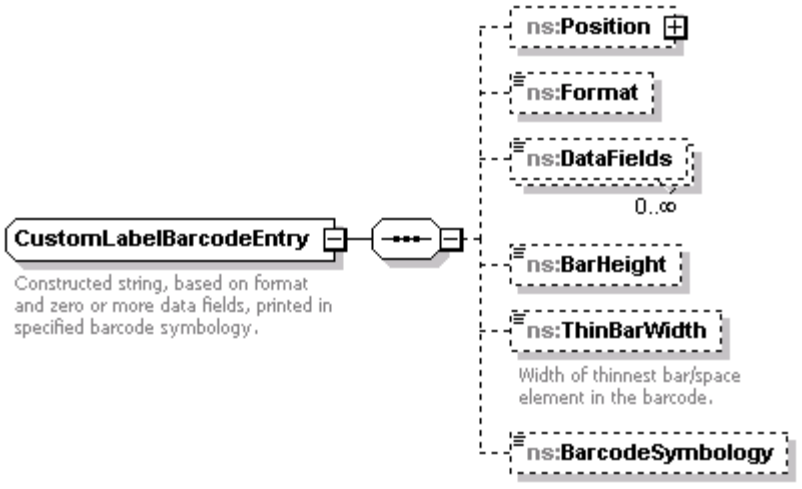
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:DocTabContent ns:CustomContent ns:ConfigurableReferenceEntries ns:MaskedData ns:TermsAndConditionsLocalization ns:AdditionalLabels ns:AirWaybillSuppressionCount**
used by	element **LabelSpecification/CustomerSpecifiedDetail**
annotation	documentation Allows customer-specified control of label content.

source

```
<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:element name="ConfigurableReferenceEntries" type="ns:ConfigurableLabelReferenceEntry"
```

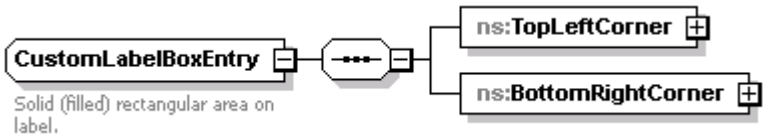
```
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Defines additional data to print in the Configurable portion of the label, this allows you to print the same type information on the label that can also be printed on the doc tab.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="MaskedData" type="ns:LabelMaskableDataType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Controls which data/sections will be suppressed.</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>Controls the number of additional copies of supplemental labels.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="AirWaybillSuppressionCount" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>This value reduces the default quantity of destination/consignee air waybill labels. A value of zero indicates no change to default. A minimum of one copy will always be produced.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **CustomLabelBarcodeEntry**

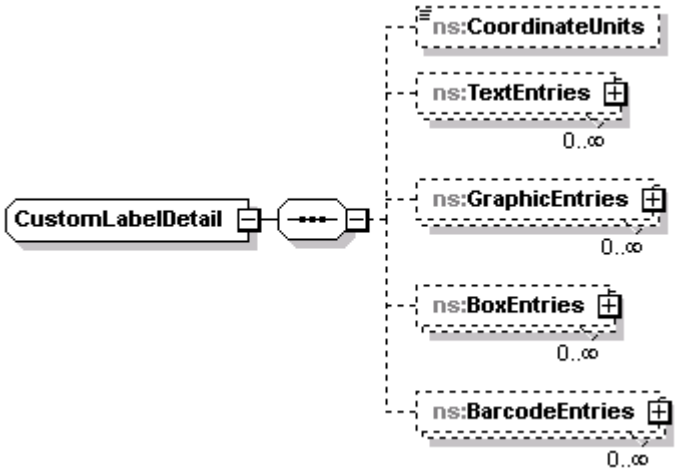
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Position ns:Format ns:DataFields ns:BarHeight ns:ThinBarWidth ns:BarcodeSymbology**
used by	element **CustomLabelDetail/BarcodeEntries**

annotation	documentation Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.
source	<xs:complexType name="CustomLabelBarcodeEntry"> <xs:annotation> <xs:documentation>Constructed string, based on format and zero or more data fields, printed in specified barcode symbology.</xs:documentation> </xs:annotation> <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:annotation> <xs:documentation>Width of thinnest bar/space element in the barcode.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BarcodeSymbology" type="ns:BarcodeSymbologyType" minOccurs="0"/> </xs:sequence> </xs:complexType>

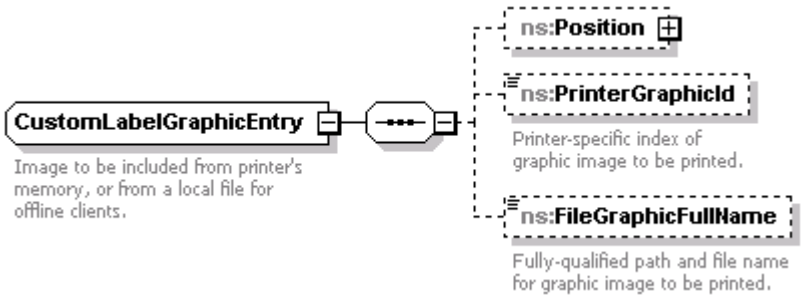
complexType **CustomLabelBoxEntry**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:TopLeftCorner ns:BottomRightCorner**
used by	element **CustomLabelDetail/BoxEntries**
annotation	documentation Solid (filled) rectangular area on label.
source	<xs:complexType name="CustomLabelBoxEntry"> <xs:annotation> <xs:documentation>Solid (filled) rectangular area on label.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TopLeftCorner" type="ns:CustomLabelPosition"/> <xs:element name="BottomRightCorner" type="ns:CustomLabelPosition"/> </xs:sequence> </xs:complexType>

complexType **CustomLabelDetail**

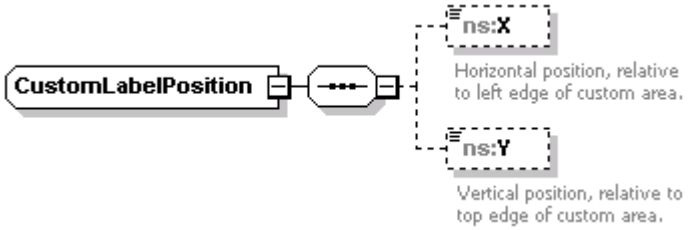
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CoordinateUnits ns:TextEntries ns:GraphicEntries ns:BoxEntries ns:BarcodeEntries**
used by	element **CustomerSpecifiedLabelDetail/CustomContent**
source	<xs:complexType name="CustomLabelDetail"> <xs:sequence> <xs:element name="CoordinateUnits" 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>

complexType **CustomLabelGraphicEntry**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Position ns:PrinterGraphicId ns:FileGraphicFullName**
used by	element **CustomLabelDetail/GraphicEntries**
annotation	documentation Image to be included from printer's memory, or from a local file for offline clients.
source	<xs:complexType name="CustomLabelGraphicEntry"> <xs:annotation> <xs:documentation>Image to be included from printer's memory, or from a local file for offline clients.</xs:documentation> </xs:annotation> <xs:sequence>

```
    <xs:element name="Position" type="ns:CustomLabelPosition" minOccurs="0"/>
    <xs:element name="PrinterGraphicId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Printer-specific index of graphic image to be printed.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FileGraphicFullName" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Fully-qualified path and file name for graphic image to be
printed.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

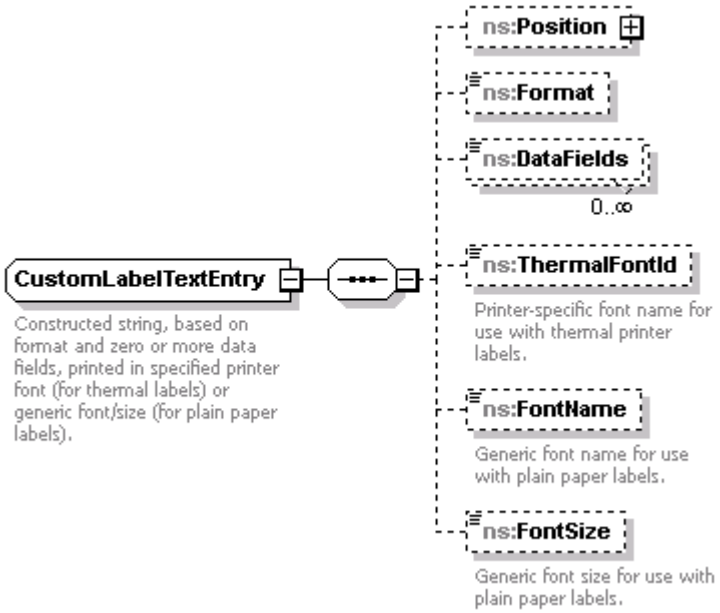
complexType **CustomLabelPosition**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:X ns:Y**
used by	elements **CustomLabelBoxEntry/BottomRightCorner CustomLabelBarcodeEntry/Position CustomLabelGraphicEntry/Position CustomLabelTextEntry/Position CustomLabelBoxEntry/TopLeftCorner**

source

```
<xs:complexType name="CustomLabelPosition">
  <xs:sequence>
    <xs:element name="X" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Horizontal position, relative to left edge of custom
area.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Y" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Vertical position, relative to top edge of custom area.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

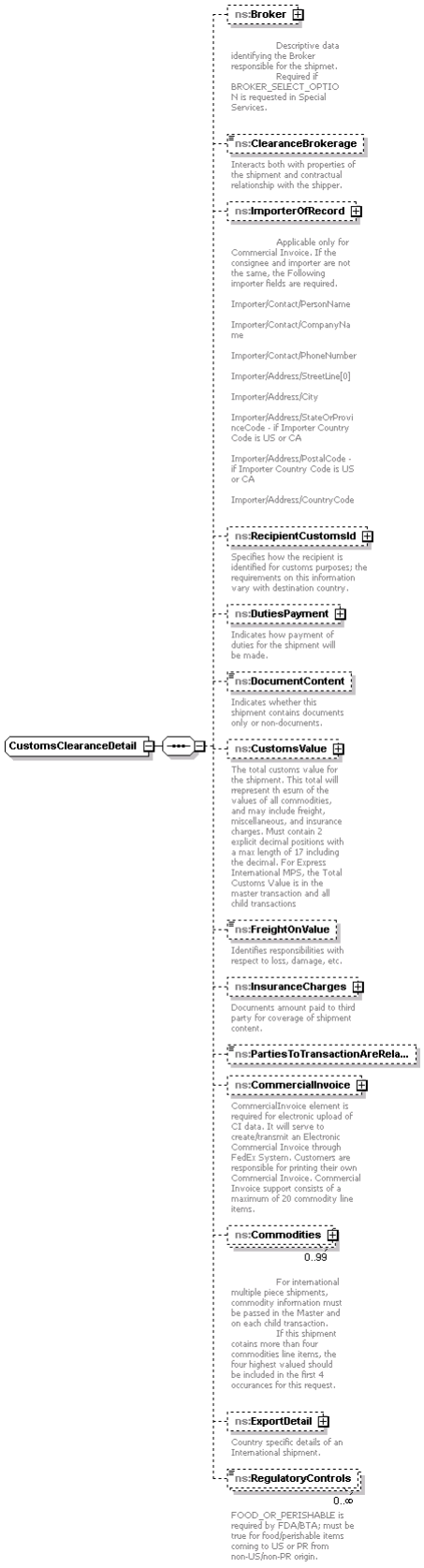
complexType **CustomLabelTextEntry**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Position ns:Format ns:DataFields ns:ThermalFontId ns:FontName ns:FontSize**
used by	element **CustomLabelDetail/TextEntries**
annotation	documentation Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).

source

```
<xs:complexType name="CustomLabelTextEntry">
 <xs:annotation>
  <xs:documentation>Constructed string, based on format and zero or more data fields, printed in specified printer font (for thermal labels) or generic font/size (for plain paper labels).</xs:documentation>
 </xs:annotation>
 <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>
```

complexType **CustomsClearanceDetail**

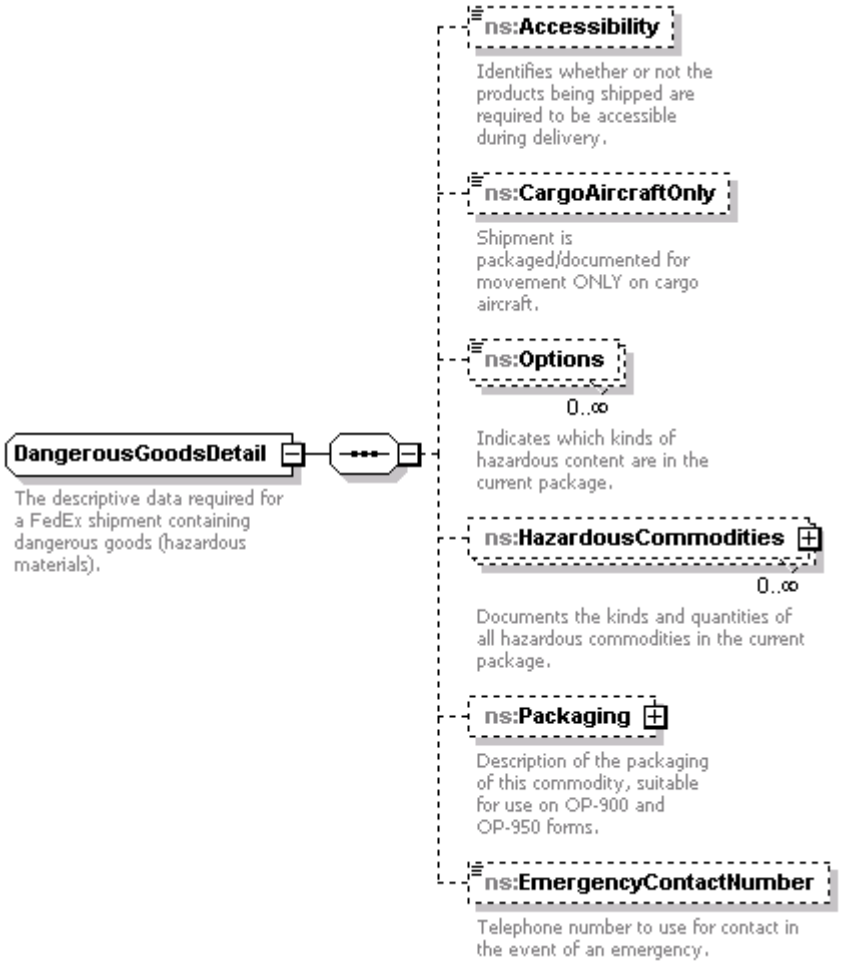
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Broker ns:ClearanceBrokerage ns:ImporterOfRecord ns:RecipientCustomsId ns:DutiesPayment ns:DocumentContent ns:CustomsValue ns:FreightOnValue ns:InsuranceCharges ns:PartiesToTransactionAreRelated ns:CommercialInvoice ns:Commodities ns:ExportDetail ns:RegulatoryControls**
used by	element **RequestedShipment/CustomsClearanceDetail**

source

```
<xs:complexType name="CustomsClearanceDetail">
 <xs:sequence>
  <xs:element name="Broker" type="ns:Party" minOccurs="0">
   <xs:annotation>
    <xs:documentation>
          Descriptive data identifying the Broker responsible for the shipmet.
          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="RecipientCustomsId" type="ns:RecipientCustomsId" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Specifies how the recipient is identified for customs purposes; the
requirements on this information vary with destination country.</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"
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 rrepresent 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="FreightOnValue" type="ns:FreightOnValueType" minOccurs="0">
   <xs:annotation>
```

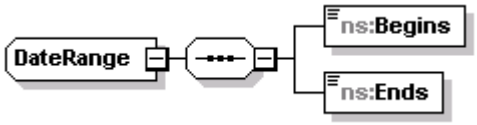
```
      <xs:documentation>Identifies responsibilities with respect to loss, damage,
etc.</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="InsuranceCharges" type="ns:Money" minOccurs="0">
     <xs:annotation>
      <xs:documentation>Documents amount paid to third party for coverage of shipment
content.</xs:documentation>
     </xs:annotation>
    </xs:element>
    <xs:element name="PartiesToTransactionAreRelated" type="xs:boolean" minOccurs="0"/>
    <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 occurances 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 **DangerousGoodsDetail**

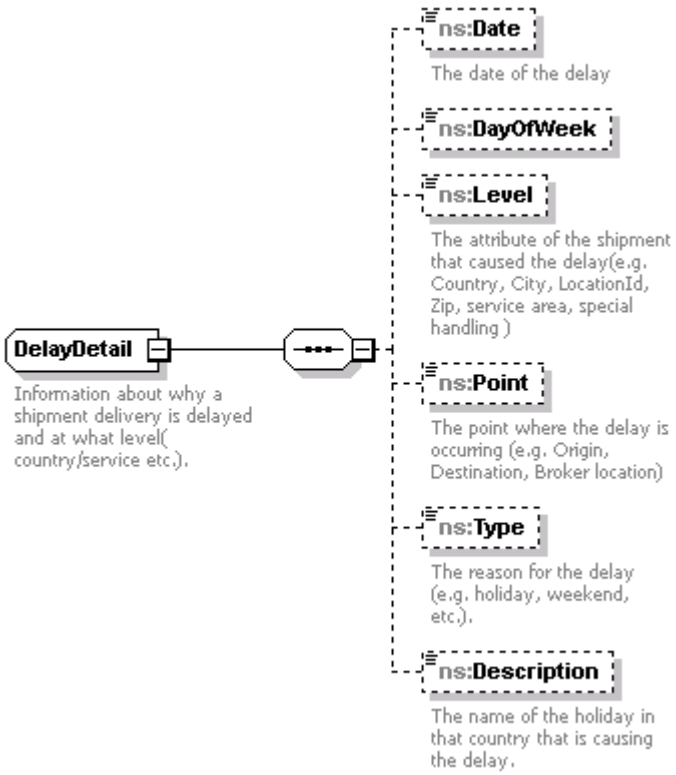
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Accessibility ns:CargoAircraftOnly ns:Options ns:HazardousCommodities ns:Packaging ns:EmergencyContactNumber**
used by	element **PackageSpecialServicesRequested/DangerousGoodsDetail**
annotation	documentation The descriptive data required for a FedEx shipment containing dangerous goods (hazardous materials).
source	<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="Options" type="ns:HazardousCommodityOptionType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation>

```
      <xs:documentation>Indicates which kinds of hazardous content are in the current
package.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="HazardousCommodities" type="ns:HazardousCommodityContent"
minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Documents the kinds and quantities of all hazardous commodities in the
current package.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="Packaging" type="ns:HazardousCommodityPackagingDetail"
minOccurs="0">
    <xs:annotation>
     <xs:documentation>Description of the packaging of this commodity, suitable for use on OP-
900 and OP-950 forms.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="EmergencyContactNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Telephone number to use for contact in the event of an
emergency.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **DateRange**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Begins ns:Ends**
used by	elements **NaftaCertificateOfOriginDetail/BlanketPeriod NaftaCommodityDetail/NetCostDateRange CustomDeliveryWindowDetail/RequestRange**
source	<xs:complexType name="DateRange"> <xs:sequence> <xs:element name="Begins" type="xs:date"/> <xs:element name="Ends" type="xs:date"/> </xs:sequence> </xs:complexType>

complexType **DelayDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Date ns:DayOfWeek ns:Level ns:Point ns:Type ns:Description**
used by	element **CommitDetail/DelayDetails**
annotation	documentation Information about why a shipment delivery is delayed and at what level(country/service etc.).

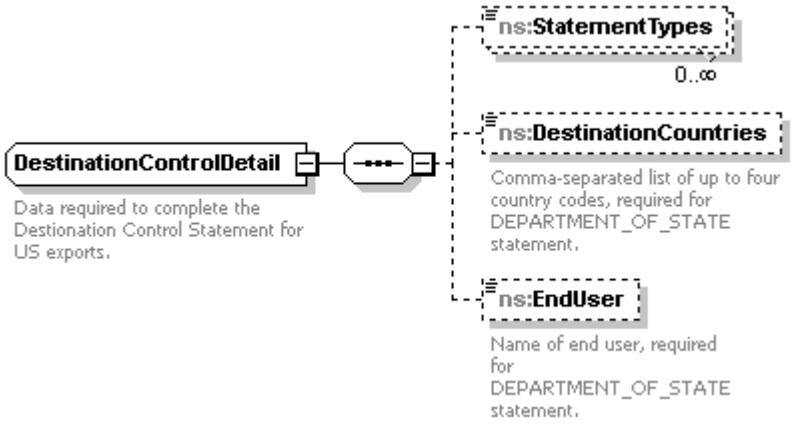
source

```
<xs:complexType name="DelayDetail">
  <xs:annotation>
    <xs:documentation>Information about why a shipment delivery is delayed and at what level( country/service etc.).</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Date" type="xs:date" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The date of the delay</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DayOfWeek" type="ns:DayOfWeekType" minOccurs="0"/>
    <xs:element name="Level" type="ns:DelayLevelType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The attribute of the shipment that caused the delay(e.g. Country, City, LocationId, Zip, service area, special handling )</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Point" type="ns:DelayPointType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The point where the delay is occurring (e.g. Origin, Destination, Broker location)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Type" type="ns:CommitmentDelayType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The reason for the delay (e.g. holiday, weekend, etc.).</xs:documentation>
```

```
    </xs:annotation>
   </xs:element>
   <xs:element name="Description" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>The name of the holiday in that country that is causing the
delay.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **DestinationControlDetail**

diagram

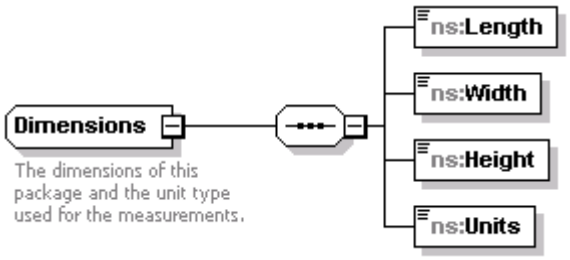


namespace	http://fedex.com/ws/rate/v9
children	**ns:StatementTypes ns:DestinationCountries ns:EndUser**
used by	element **ExportDetail/DestinationControlDetail**
annotation	documentation Data required to complete the Destionation Control Statement for US exports.

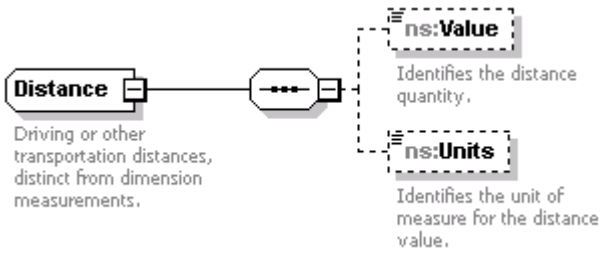
source

```
<xs:complexType name="DestinationControlDetail">
 <xs:annotation>
  <xs:documentation>Data required to complete the Destionation Control Statement for US
exports.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="StatementTypes" type="ns:DestinationControlStatementType"
minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="DestinationCountries" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Comma-separated list of up to four country codes, required for
DEPARTMENT_OF_STATE statement.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="EndUser" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Name of end user, required for DEPARTMENT_OF_STATE
statement.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType **Dimensions**

diagram	
namespace	http://fedex.com/ws/rate/v9
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	<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>

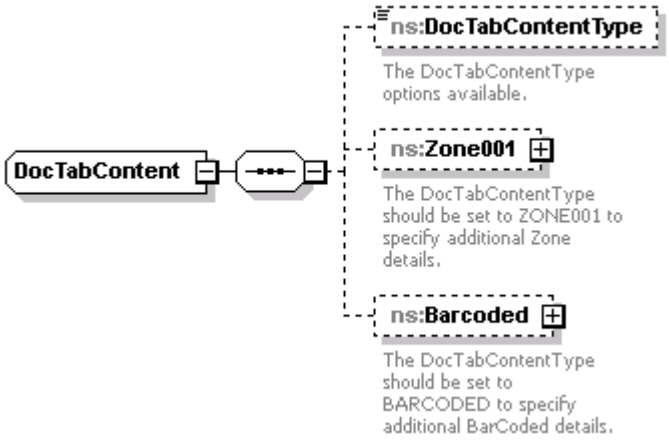
complexType **Distance**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Value ns:Units**
used by	elements **FreightServiceCenterDetail/LocalDistance FreightCommitDetail/TotalDistance**
annotation	documentation Driving or other transportation distances, distinct from dimension measurements.
source	<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>Identifies the distance quantity.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Units" type="ns:DistanceUnits" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the unit of measure for the distance value.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **DocTabContent**

diagram



namespace: http://fedex.com/ws/rate/v9

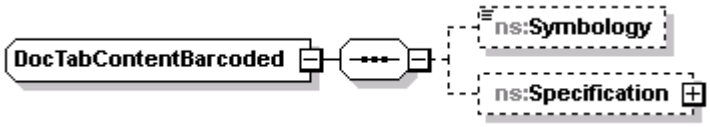
children: **ns:DocTabContentType ns:Zone001 ns:Barcoded**

used by: element **CustomerSpecifiedLabelDetail/DocTabContent**

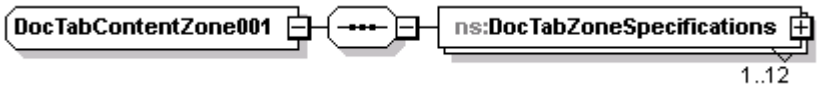
source

```
<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>
```

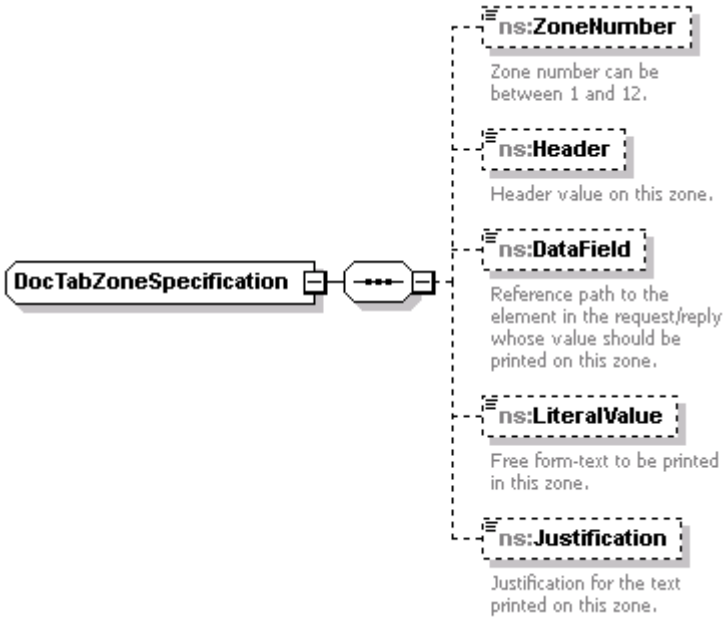
complexType **DocTabContentBarcoded**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Symbology ns:Specification**
used by	element **DocTabContent/Barcoded**
source	<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>

complexType **DocTabContentZone001**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:DocTabZoneSpecifications**
used by	element **DocTabContent/Zone001**
source	<xs:complexType name="DocTabContentZone001"> <xs:sequence> <xs:element name="DocTabZoneSpecifications" type="ns:DocTabZoneSpecification" maxOccurs="12"/> </xs:sequence> </xs:complexType>

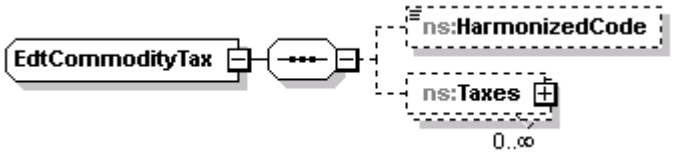
complexType **DocTabZoneSpecification**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:ZoneNumber ns:Header ns:DataField ns:LiteralValue ns:Justification**
used by	elements **DocTabContentZone001/DocTabZoneSpecifications DocTabContentBarcoded/Specification**

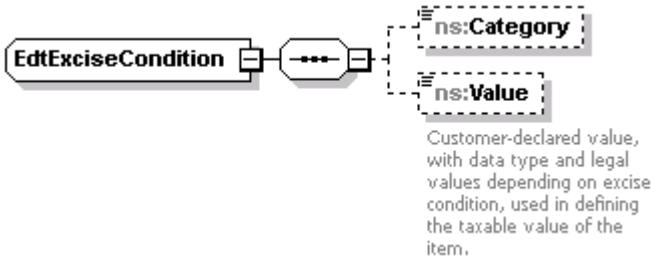
source

```
<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: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>
```

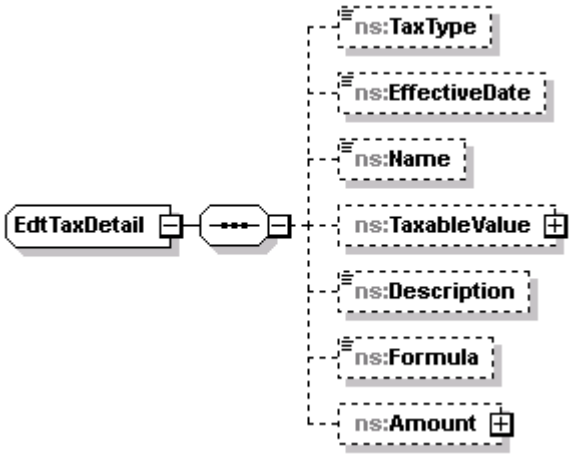
complexType **EdtCommodityTax**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:HarmonizedCode ns:Taxes**
used by	element **ShipmentRateDetail/DutiesAndTaxes**
source	<xs:complexType name="EdtCommodityTax"> <xs:sequence> <xs:element name="HarmonizedCode" type="xs:string" minOccurs="0"/> <xs:element name="Taxes" type="ns:EdtTaxDetail" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

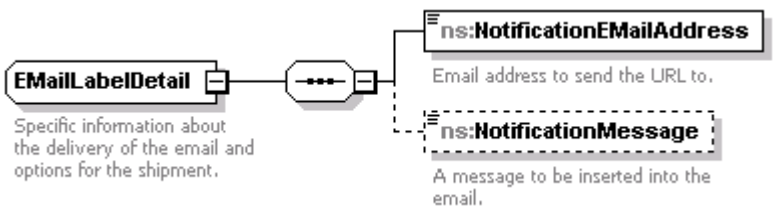
complexType **EdtExciseCondition**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Category ns:Value**
used by	element **Commodity/ExciseConditions**
source	<xs:complexType name="EdtExciseCondition"> <xs:sequence> <xs:element name="Category" type="xs:string" minOccurs="0"/> <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>

complexType **EdtTaxDetail**

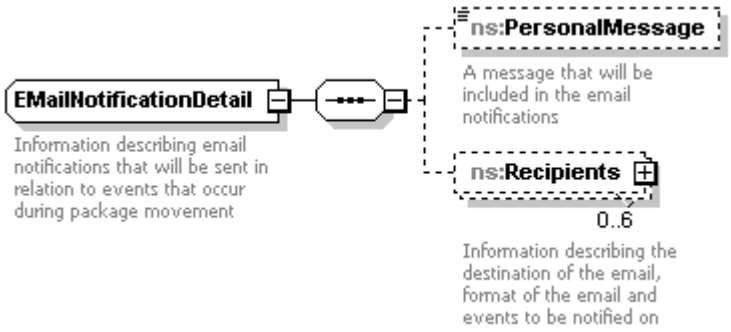
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:TaxType ns:EffectiveDate ns:Name ns:TaxableValue ns:Description ns:Formula ns:Amount**
used by	element **EdtCommodityTax/Taxes**
source	<xs:complexType name="EdtTaxDetail"> <xs:sequence> <xs:element name="TaxType" type="ns:EdtTaxType" minOccurs="0"/> <xs:element name="EffectiveDate" type="xs:date" minOccurs="0"/> <xs:element name="Name" type="xs:string" minOccurs="0"/> <xs:element name="TaxableValue" type="ns:Money" minOccurs="0"/> <xs:element name="Description" type="xs:string" minOccurs="0"/> <xs:element name="Formula" type="xs:string" minOccurs="0"/> <xs:element name="Amount" type="ns:Money" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **EMailLabelDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:NotificationEMailAddress ns:NotificationMessage**
used by	element **PendingShipmentDetail/EmailLabelDetail**
annotation	documentation Specific information about the delivery of the email and options for the shipment.
source	<xs:complexType name="EMailLabelDetail"> <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>
```

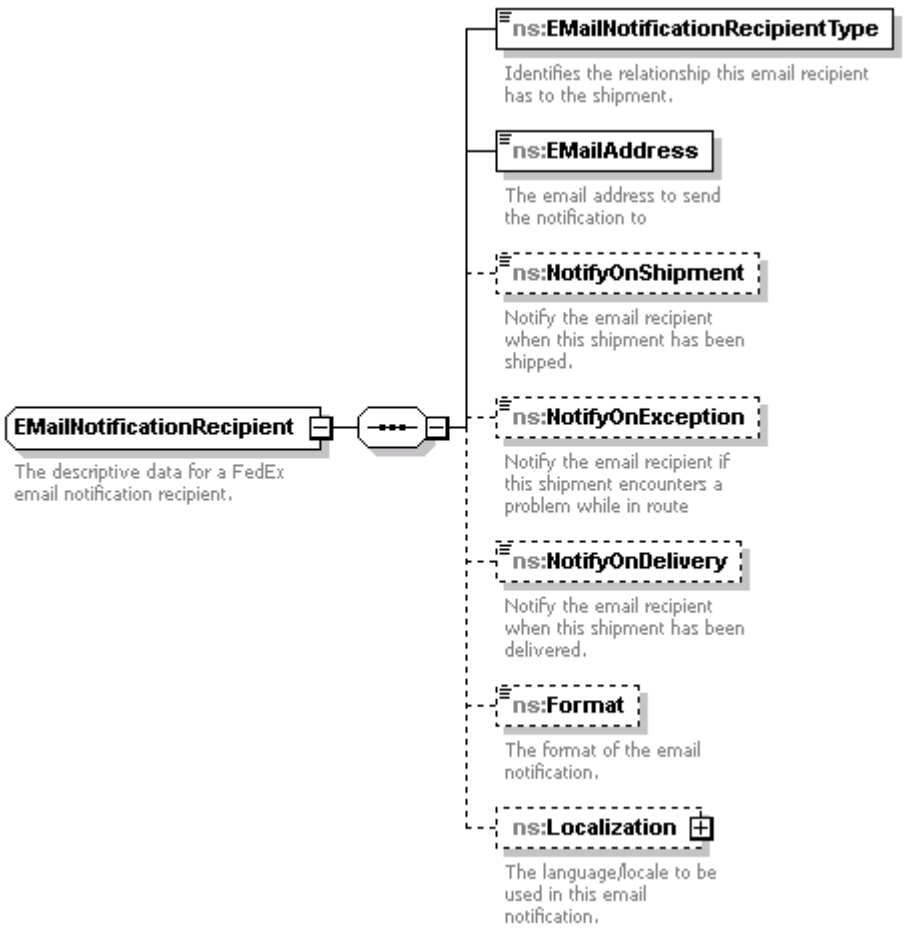
complexType **EMailNotificationDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PersonalMessage ns:Recipients**
used by	element **ShipmentSpecialServicesRequested/EMailNotificationDetail**
annotation	documentation Information describing email notifications that will be sent in relation to events that occur during package movement

source

```
<xs:complexType name="EMailNotificationDetail">
 <xs:annotation>
  <xs:documentation>Information describing email notifications that will be sent in relation to
events that occur during package movement</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="PersonalMessage" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>A message that will be included in the email
notifications</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>Information describing the destination of the email, format of the email
and events to be notified on</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType **EMailNotificationRecipient**

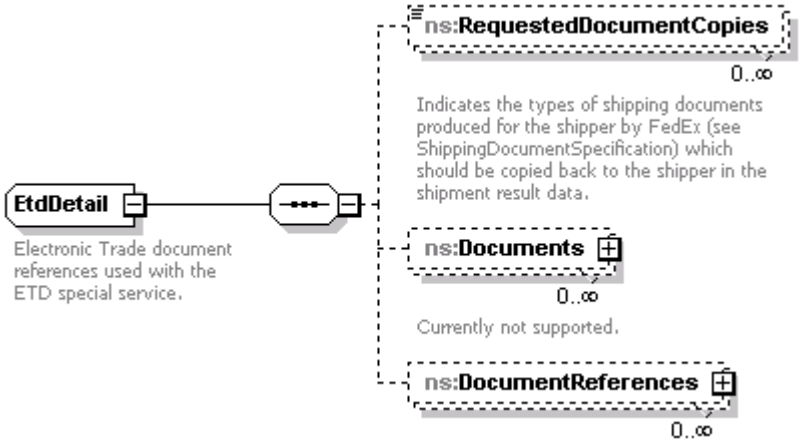
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:EMailNotificationRecipientType ns:EMailAddress ns:NotifyOnShipment ns:NotifyOnException ns:NotifyOnDelivery ns:Format ns:Localization**
used by	element **EMailNotificationDetail/Recipients**
annotation	documentation The descriptive data for a FedEx email notification recipient.

source

```
<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 relationship this email recipient has to the
shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="EMailAddress" type="xs:string">
   <xs:annotation>
    <xs:documentation>The email address to send the notification to</xs:documentation>
    <xs:appinfo>
     <xs:MaxLength>
      <ns:Express>120</ns:Express>
      <ns:Ground>35</ns:Ground>
     </xs:MaxLength>
    </xs:appinfo>
   </xs:annotation>
```

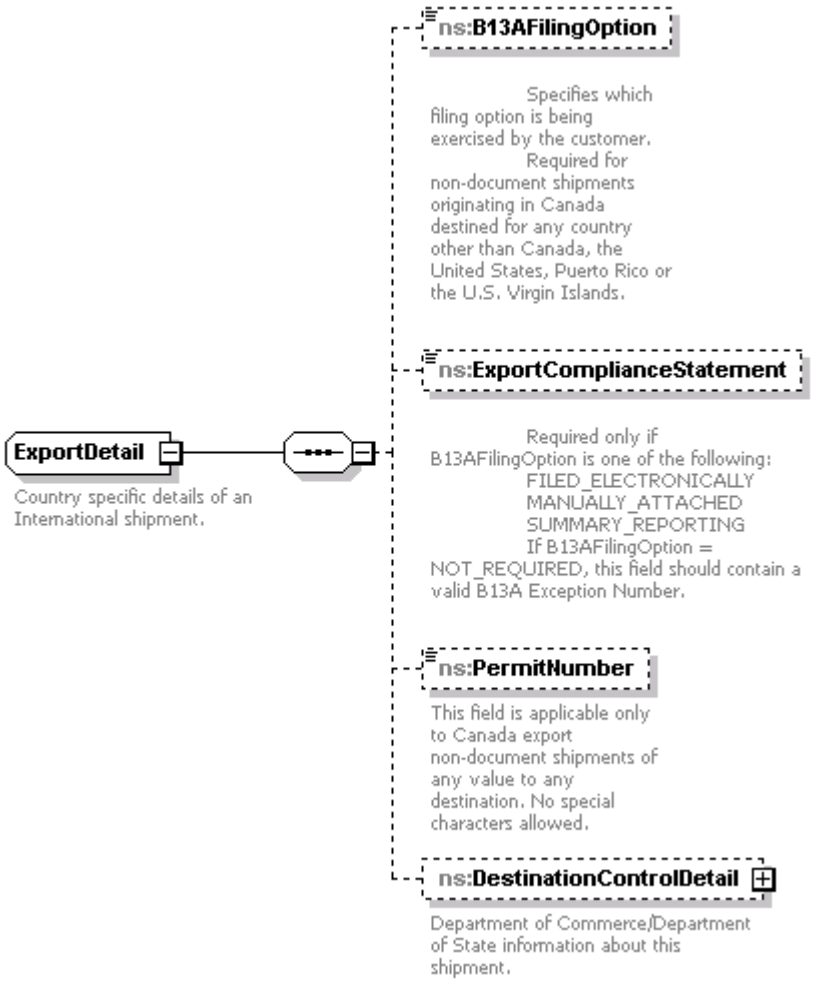
```
    </xs:element>
    <xs:element name="NotifyOnShipment" type="xs:boolean" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Notify the email recipient when this shipment has been
shipped.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NotifyOnException" type="xs:boolean" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Notify the email recipient if this shipment encounters a problem while in
route</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NotifyOnDelivery" type="xs:boolean" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Notify the email recipient when this shipment has been
delivered.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Format" type="ns:EMailNotificationFormatType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The format of the email notification.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Localization" type="ns:Localization" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The language/locale to be used in this email
notification.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **EtdDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:RequestedDocumentCopies ns:Documents ns:DocumentReferences**
used by	element **ShipmentSpecialServicesRequested/EtdDetail**
annotation	documentation Electronic Trade document references used with the ETD special service.
source	<xs:complexType name="EtdDetail"> <xs:annotation> <xs:documentation>Electronic Trade document references used with the ETD special service.</xs:documentation>

```
  </xs:annotation>
  <xs:sequence>
    <xs:element name="RequestedDocumentCopies" type="ns:RequestedShippingDocumentType"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Indicates the types of shipping documents produced for the shipper by
FedEx (see ShippingDocumentSpecification) which should be copied back to the shipper in the
shipment result data.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Documents" type="ns:UploadDocumentDetail" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Currently not supported.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentReferences" type="ns:UploadDocumentReferenceDetail"
minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

complexType **ExportDetail**

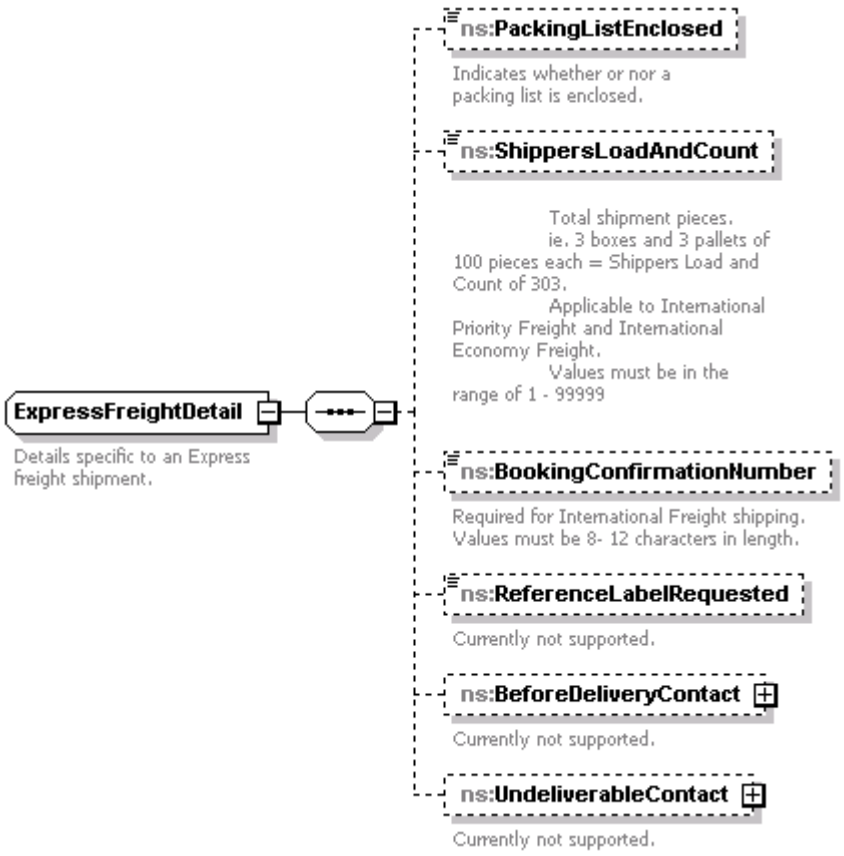
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:B13AFilingOption ns:ExportComplianceStatement ns:PermitNumber ns:DestinationControlDetail**
used by	element **CustomsClearanceDetail/ExportDetail**

annotation	documentation Country specific details of an International shipment.

source

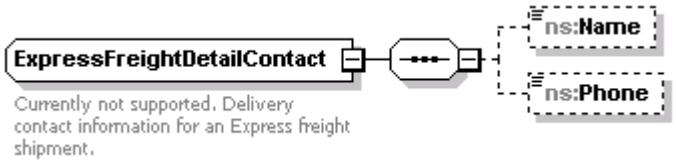
```
<xs:complexType name="ExportDetail">
  <xs:annotation>
    <xs:documentation>Country specific details of an International shipment.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="B13AFilingOption" type="ns:B13AFilingOptionType" minOccurs="0">
      <xs:annotation>
        <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">
      <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>
```

complexType **ExpressFreightDetail**

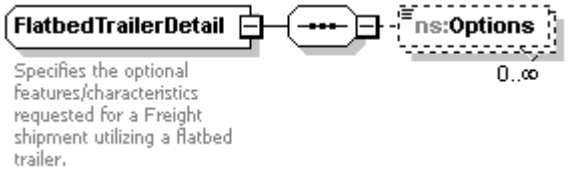
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PackingListEnclosed ns:ShippersLoadAndCount ns:BookingConfirmationNumber ns:ReferenceLabelRequested ns:BeforeDeliveryContact ns:UndeliverableContact**
used by	element **RequestedShipment/ExpressFreightDetail**
annotation	documentation Details specific to an Express freight shipment.
source	<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" 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>
```

complexType **ExpressFreightDetailContact**

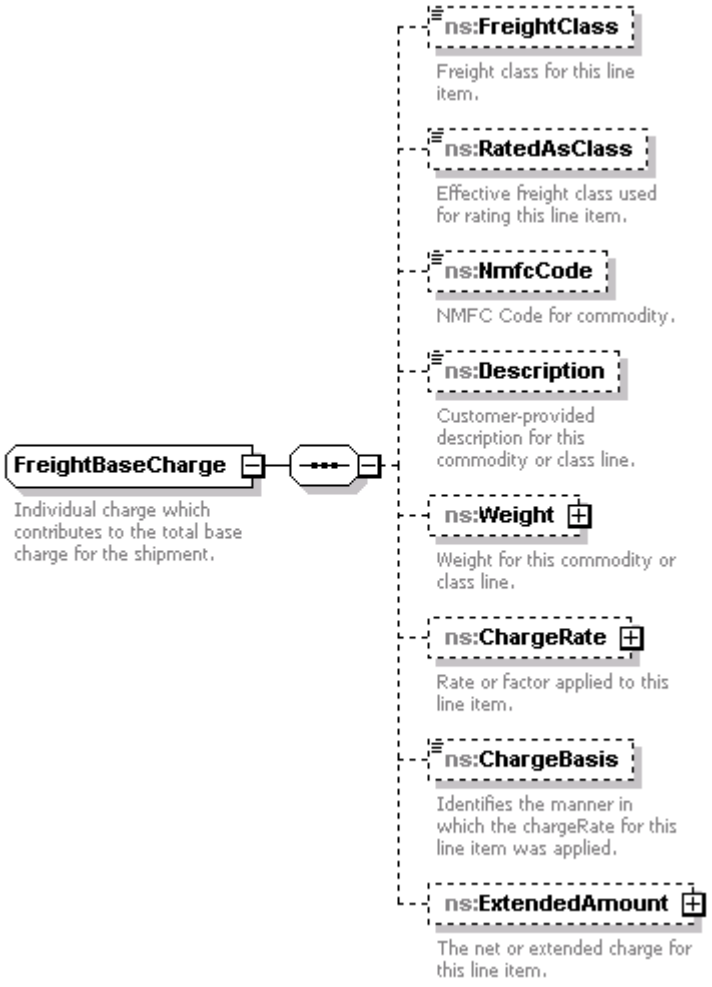
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Name ns:Phone**
used by	elements **ExpressFreightDetail/BeforeDeliveryContact ExpressFreightDetail/UndeliverableContact**
annotation	documentation Currently not supported. Delivery contact information for an Express freight shipment.
source	<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" minOccurs="0"/> <xs:element name="Phone" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **FlatbedTrailerDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9

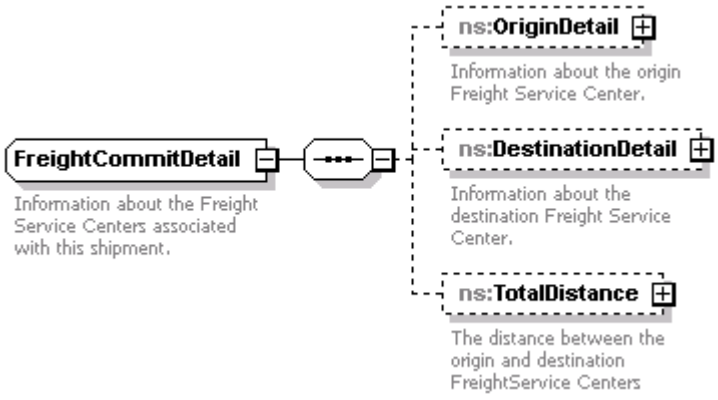
children	**ns:Options**
used by	element **ShipmentSpecialServicesRequested/FlatbedTrailerDetail**
annotation	documentation Specifies the optional features/characteristics requested for a Freight shipment utilizing a flatbed trailer.
source	<xs:complexType name="FlatbedTrailerDetail"> <xs:annotation> <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:sequence> </xs:complexType>

complexType **FreightBaseCharge**

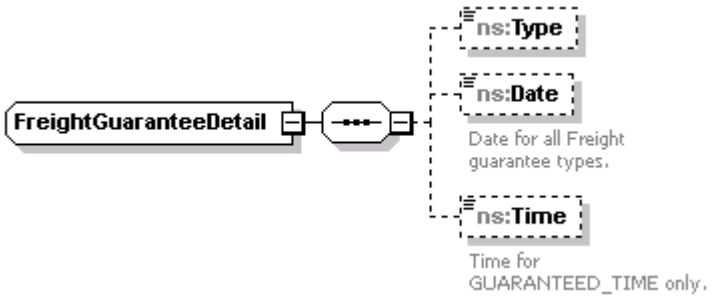
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:FreightClass ns:RatedAsClass ns:NmfcCode ns:Description ns:Weight ns:ChargeRate ns:ChargeBasis ns:ExtendedAmount**
used by	element **FreightRateDetail/BaseCharges**
annotation	documentation Individual charge which contributes to the total base charge for the shipment.
source	<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="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>
```

complexType **FreightCommitDetail**

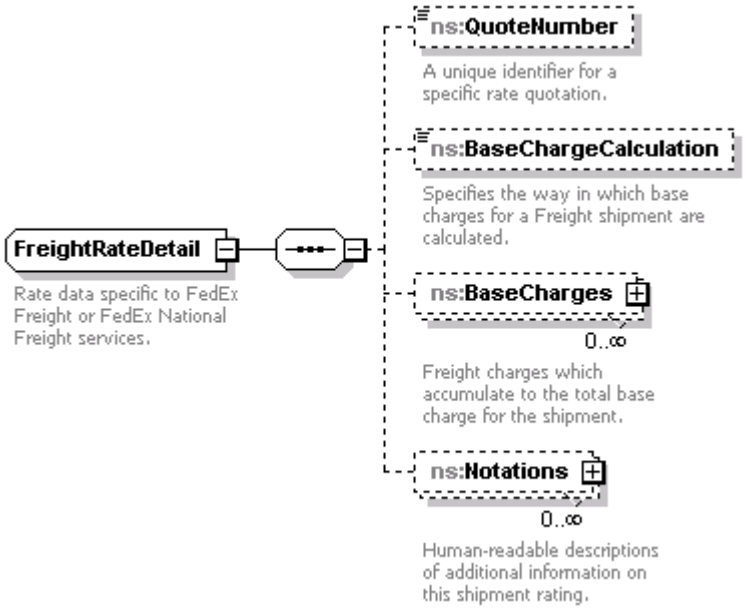
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:OriginDetail ns:DestinationDetail ns:TotalDistance**
used by	element **CommitDetail/FreightCommitDetail**
annotation	documentation Information about the Freight Service Centers associated with this shipment.
source	<xs:complexType name="FreightCommitDetail"> <xs:annotation> <xs:documentation>Information about the Freight Service Centers associated with this shipment.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="OriginDetail" type="ns:FreightServiceCenterDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Information about the origin Freight Service Center.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DestinationDetail" type="ns:FreightServiceCenterDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Information about the destination Freight Service Center.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalDistance" type="ns:Distance" minOccurs="0"> <xs:annotation> <xs:documentation>The distance between the origin and destination FreightService Centers</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **FreightGuaranteeDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9

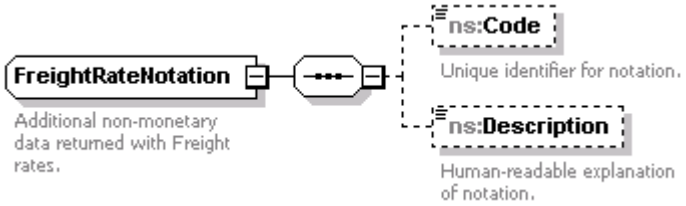
children	**ns:Type ns:Date ns:Time**
used by	element **ShipmentSpecialServicesRequested/FreightGuaranteeDetail**
source	<xs:complexType name="FreightGuaranteeDetail"> <xs:sequence> <xs:element name="Type" type="ns:FreightGuaranteeType" minOccurs="0"/> <xs:element name="Date" type="xs:date" minOccurs="0"> <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>

complexType **FreightRateDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:QuoteNumber ns:BaseChargeCalculation ns:BaseCharges ns:Notations**
used by	element **ShipmentRateDetail/FreightRateDetail**
annotation	documentation Rate data specific to FedEx Freight or FedEx National Freight services.
source	<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="BaseChargeCalculation" type="ns:FreightBaseChargeCalculationType" minOccurs="0">

```
      <xs:annotation>
        <xs:documentation>Specifies the way in which base charges for a Freight shipment are
calculated.</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>
    <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>
```

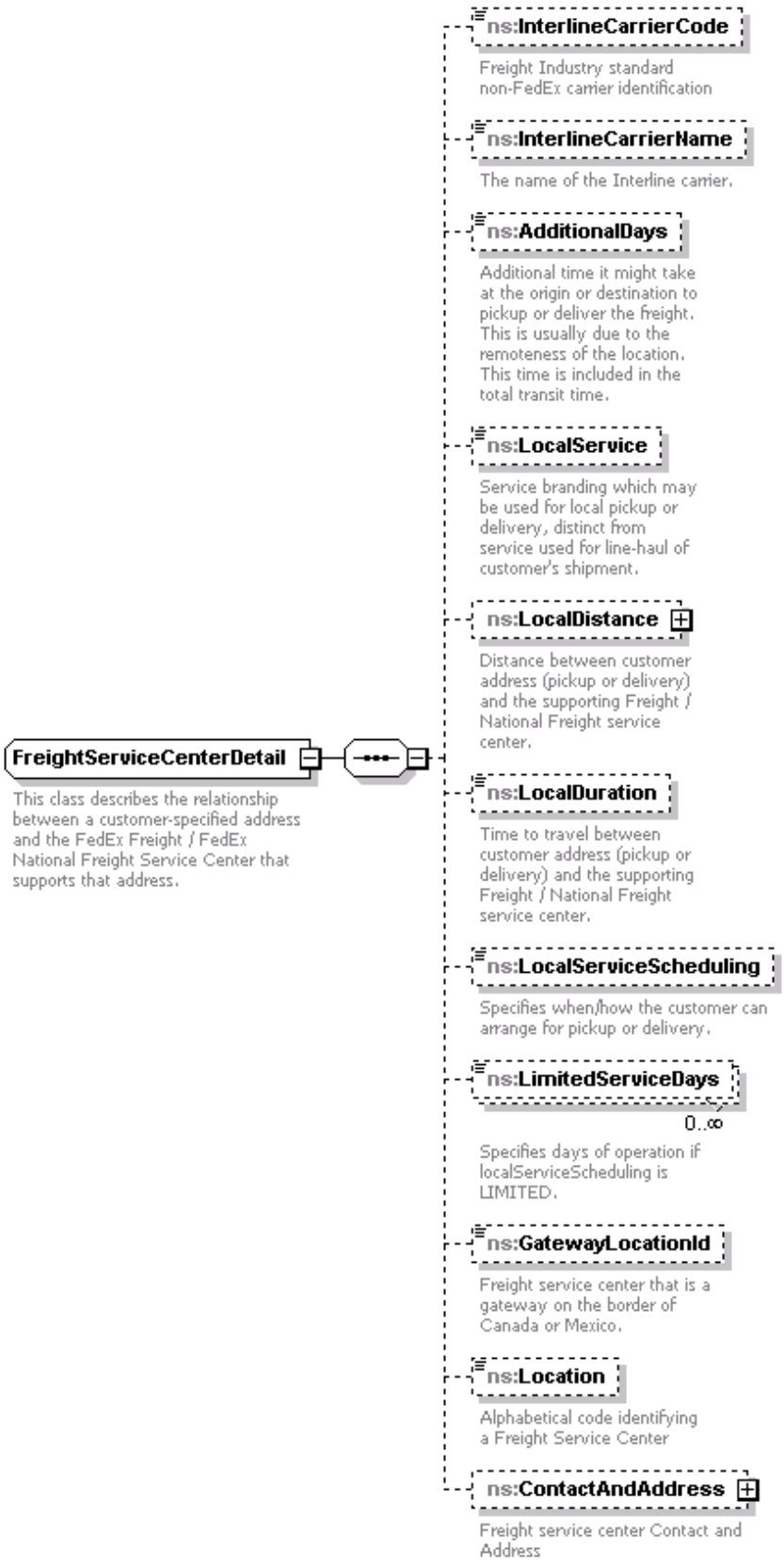
complexType **FreightRateNotation**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Code ns:Description**
used by	element **FreightRateDetail/Notations**
annotation	documentation Additional non-monetary data returned with Freight rates.

source

```
<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>
```

complexType **FreightServiceCenterDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:InterlineCarrierCode ns:InterlineCarrierName ns:AdditionalDays ns:LocalService ns:LocalDistance ns:LocalDuration ns:LocalServiceScheduling ns:LimitedServiceDays ns:GatewayLocationId ns:Location ns:ContactAndAddress**
used by	elements **FreightCommitDetail/DestinationDetail FreightCommitDetail/OriginDetail**

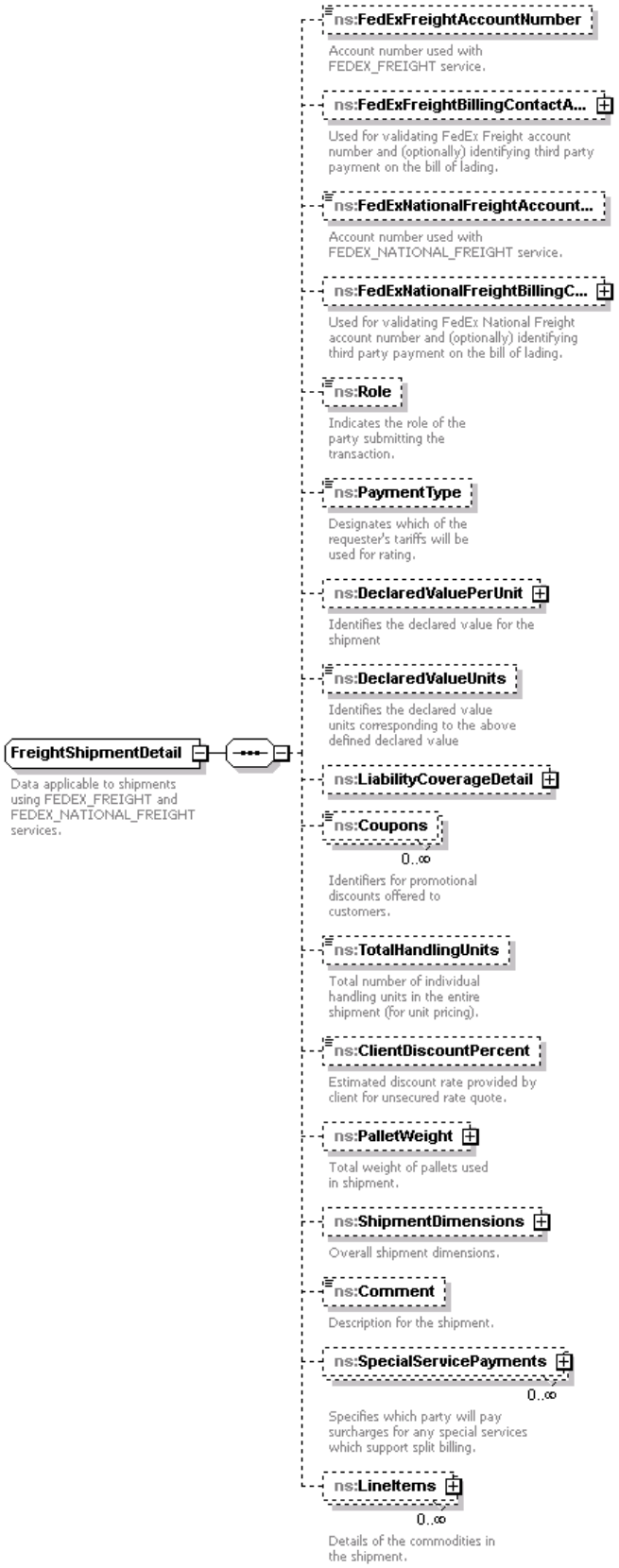
annotation	documentation This class describes the relationship between a customer-specified address and the FedEx Freight / FedEx National Freight Service Center that supports that address.

source

```
<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 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>The name of the Interline carrier.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AdditionalDays" type="xs:int" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Additional time it might take at the origin or destination to pickup or deliver the freight. This is usually due to the remoteness of the location. This time is included in the total transit time.</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>Freight service center that is a gateway on the border of Canada or
Mexico.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="Location" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Alphabetical code identifying a Freight Service
Center</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ContactAndAddress" type="ns:ContactAndAddress" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Freight service center Contact and Address</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **FreightShipmentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:FedExFreightAccountNumber ns:FedExFreightBillingContactAndAddress ns:FedExNationalFreightAccountNumber ns:FedExNationalFreightBillingContactAndAddress ns:Role ns:PaymentType ns:DeclaredValuePerUnit ns:DeclaredValueUnits ns:LiabilityCoverageDetail ns:Coupons ns:TotalHandlingUnits ns:ClientDiscountPercent ns:PalletWeight ns:ShipmentDimensions ns:Comment ns:SpecialServicePayments ns:LineItems**

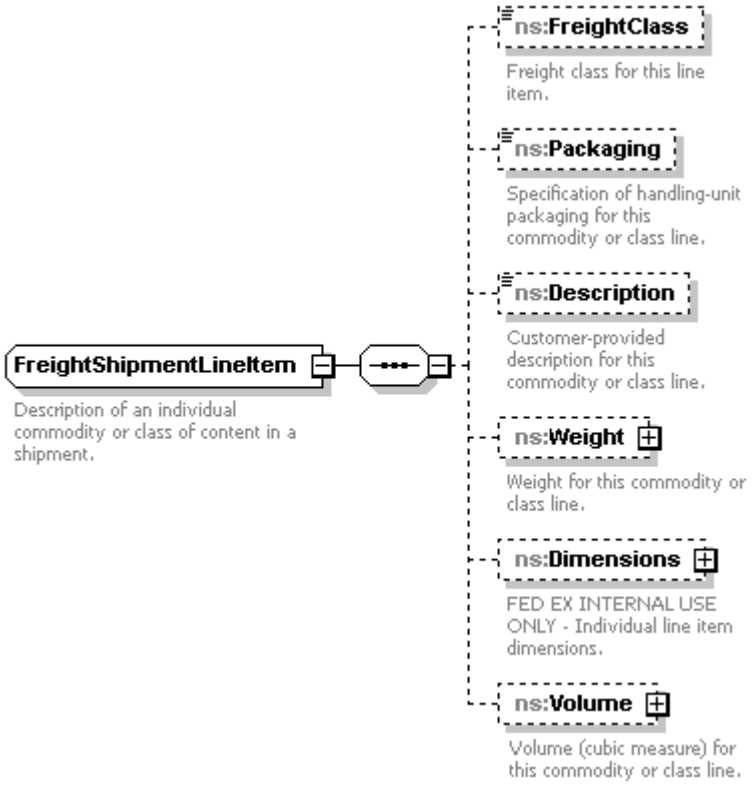
used by	element **RequestedShipment/FreightShipmentDetail**
annotation	documentation Data applicable to shipments using FEDEX_FREIGHT and FEDEX_NATIONAL_FREIGHT services.

source

```
<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="FedExFreightBillingContactAndAddress" type="ns:ContactAndAddress"
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Used for validating FedEx Freight account number and (optionally)
identifying third party payment on the bill of lading.</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="FedExNationalFreightBillingContactAndAddress"
type="ns:ContactAndAddress" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Used for validating FedEx National Freight account number and
(optionally) identifying third party payment on the bill of lading.</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="DeclaredValuePerUnit" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the declared value for the shipment</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DeclaredValueUnits" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the declared value units corresponding to the above defined
declared value</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LiabilityCoverageDetail" type="ns:LiabilityCoverageDetail" minOccurs="0"/>
  <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="TotalHandlingUnits" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Total number of individual handling units in the entire shipment (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="SpecialServicePayments" type="ns:FreightSpecialServicePayment"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Specifies which party will pay surcharges for any special services which
support split billing.</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**

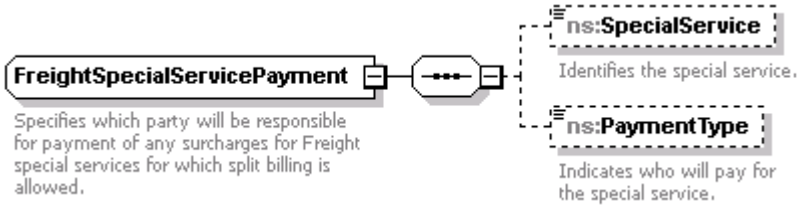
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:FreightClass ns:Packaging ns:Description ns:Weight ns:Dimensions ns:Volume**
used by	element **FreightShipmentDetail/LineItems**
annotation	documentation Description of an individual commodity or class of content in a shipment.

source

```
<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 handling-unit 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: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>
```

complexType **FreightSpecialServicePayment**

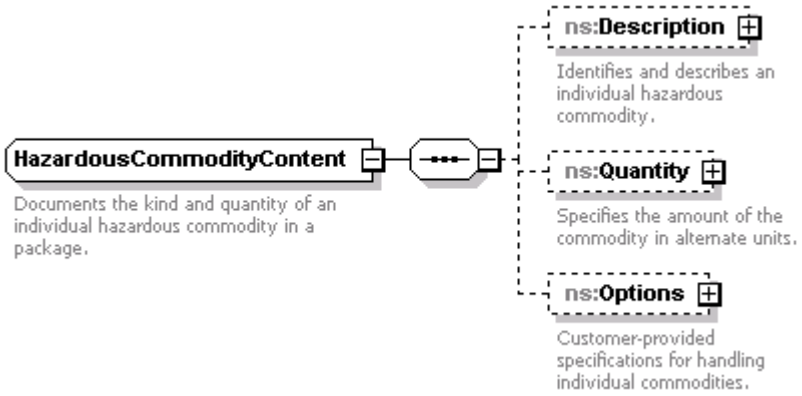
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:SpecialService ns:PaymentType**
used by	element **FreightShipmentDetail/SpecialServicePayments**
annotation	documentation Specifies which party will be responsible for payment of any surcharges for Freight special services for which split billing is allowed.
source	<xs:complexType name="FreightSpecialServicePayment"> <xs:annotation> <xs:documentation>Specifies which party will be responsible for payment of any surcharges for Freight special services for which split billing is allowed.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SpecialService" type="ns:ShipmentSpecialServiceType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the special service.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PaymentType" type="ns:FreightAccountPaymentType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates who will pay for the special service.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **GeneralAgencyAgreementDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9

children	**ns:Format**
used by	element **ShippingDocumentSpecification/GeneralAgencyAgreementDetail**
annotation	documentation Data required to produce a General Agency Agreement document. Remaining content (business data) to be defined once requirements have been completed.
source	<xs:complexType name="GeneralAgencyAgreementDetail"> <xs:annotation> <xs:documentation>Data required to produce a General Agency Agreement document. Remaining content (business data) to be defined once requirements have been completed.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/> </xs:sequence> </xs:complexType>

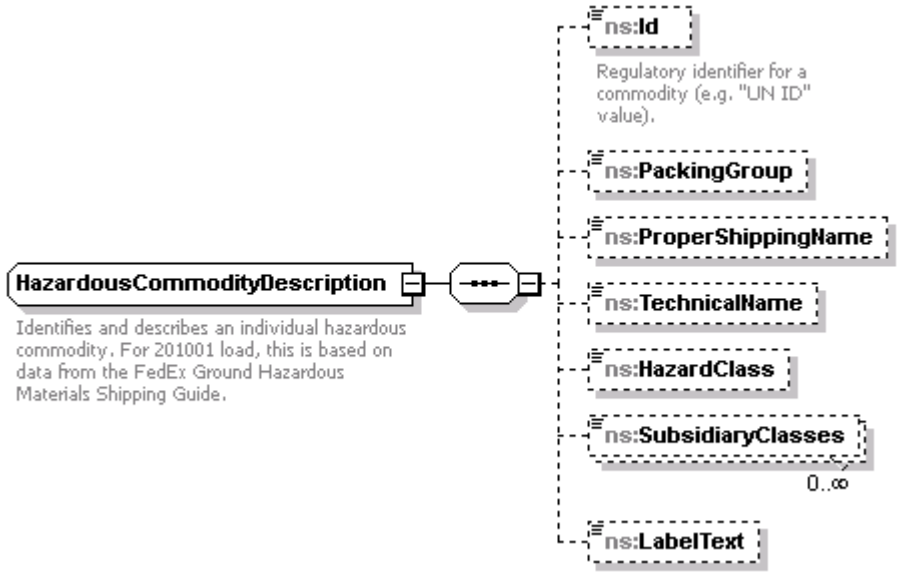
complexType **HazardousCommodityContent**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Description ns:Quantity ns:Options**
used by	element **DangerousGoodsDetail/HazardousCommodities**
annotation	documentation Documents the kind and quantity of an individual hazardous commodity in a package.
source	<xs:complexType name="HazardousCommodityContent"> <xs:annotation> <xs:documentation>Documents the kind and quantity of an individual hazardous commodity in a package.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Description" type="ns:HazardousCommodityDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies and describes an individual hazardous commodity.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Quantity" type="ns:HazardousCommodityQuantityDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the amount of the commodity in alternate units.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Options" type="ns:HazardousCommodityOptionDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Customer-provided specifications for handling individual commodities.</xs:documentation>

```
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **HazardousCommodityDescription**

diagram

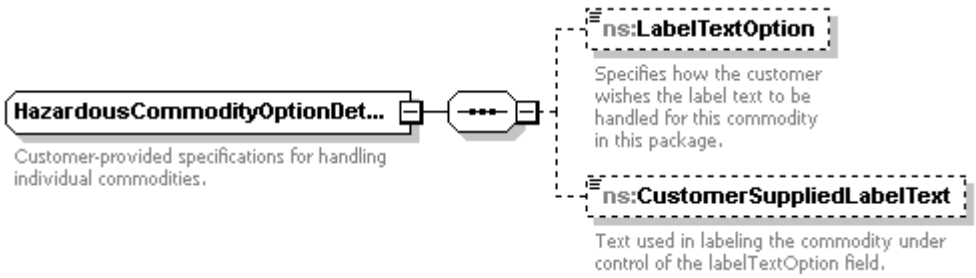


namespace	http://fedex.com/ws/rate/v9
children	**ns:Id ns:PackingGroup ns:ProperShippingName ns:TechnicalName ns:HazardClass ns:SubsidiaryClasses ns:LabelText**
used by	element **HazardousCommodityContent/Description**
annotation	documentation Identifies and describes an individual hazardous commodity. For 201001 load, this is based on data from the FedEx Ground Hazardous Materials Shipping Guide.

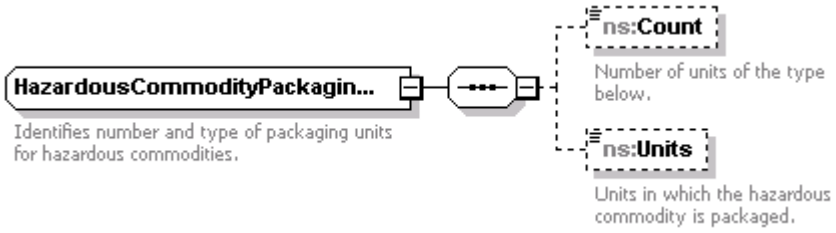
source

```
<xs:complexType name="HazardousCommodityDescription">
 <xs:annotation>
  <xs:documentation>Identifies and describes an individual hazardous commodity. For 201001 load, this is based on data from the FedEx Ground Hazardous Materials Shipping Guide.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="Id" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Regulatory identifier for a commodity (e.g. "UN ID" value).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackingGroup" type="ns:HazardousCommodityPackingGroupType" minOccurs="0"/>
  <xs:element name="ProperShippingName" type="xs:string" minOccurs="0"/>
  <xs:element name="TechnicalName" type="xs:string" minOccurs="0"/>
  <xs:element name="HazardClass" type="xs:string" minOccurs="0"/>
  <xs:element name="SubsidiaryClasses" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="LabelText" type="xs:string" minOccurs="0"/>
 </xs:sequence>
</xs:complexType>
```

complexType **HazardousCommodityOptionDetail**

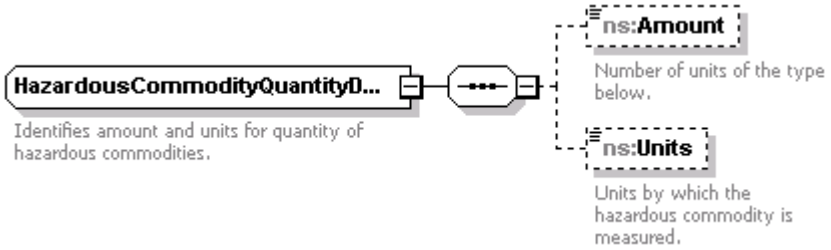
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:LabelTextOption ns:CustomerSuppliedLabelText**
used by	element **HazardousCommodityContent/Options**
annotation	documentation Customer-provided specifications for handling individual commodities.
source	<xs:complexType name="HazardousCommodityOptionDetail"> <xs:annotation> <xs:documentation>Customer-provided specifications for handling individual commodities.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LabelTextOption" type="ns:HazardousCommodityLabelTextOptionType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies how the customer wishes the label text to be handled for this commodity in this package.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomerSuppliedLabelText" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Text used in labeling the commodity under control of the labelTextOption field.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **HazardousCommodityPackagingDetail**

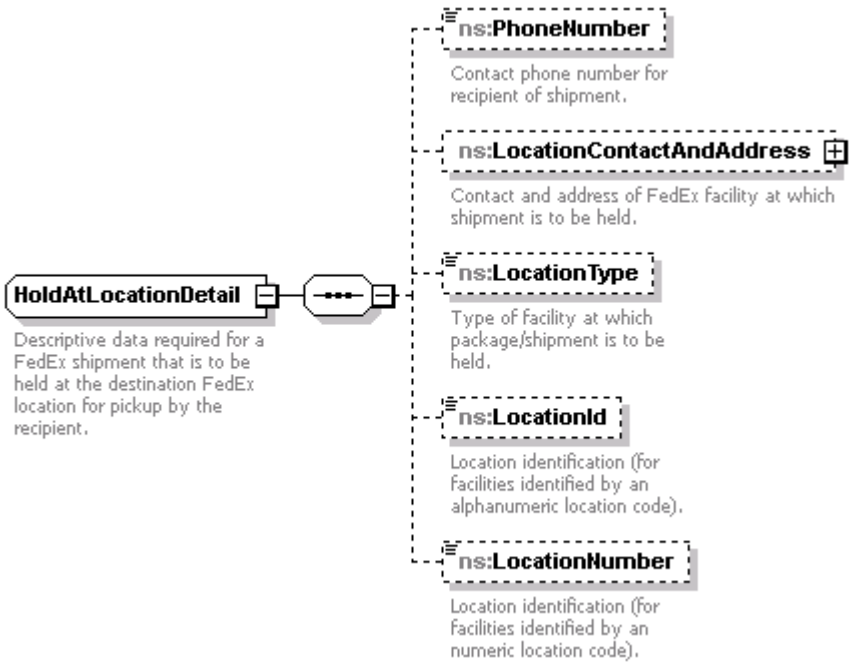
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Count ns:Units**
used by	element **DangerousGoodsDetail/Packaging**
annotation	documentation Identifies number and type of packaging units for hazardous commodities.
source	<xs:complexType name="HazardousCommodityPackagingDetail"> <xs:annotation> <xs:documentation>Identifies number and type of packaging units for hazardous commodities.</xs:documentation> </xs:annotation>

```
  <xs:sequence>
    <xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of units of the type below.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Units" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Units in which the hazardous commodity is
packaged.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **HazardousCommodityQuantityDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Amount ns:Units**
used by	element **HazardousCommodityContent/Quantity**
annotation	documentation Identifies amount and units for quantity of hazardous commodities.
source	<xs:complexType name="HazardousCommodityQuantityDetail"> <xs:annotation> <xs:documentation>Identifies amount and units for quantity of hazardous commodities.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Amount" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>Number of units of the type below.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Units by which the hazardous commodity is measured.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **HoldAtLocationDetail**

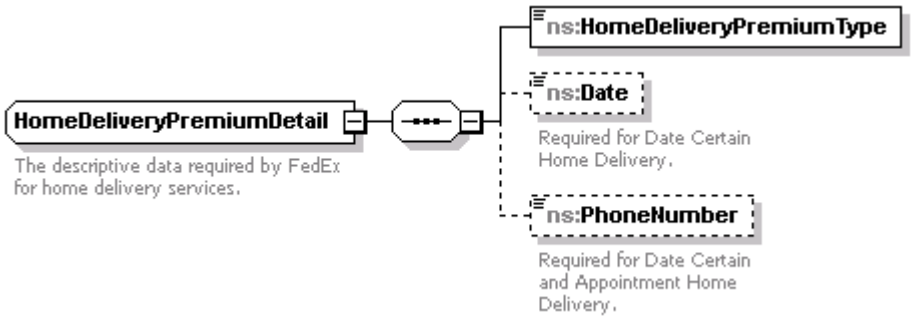
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PhoneNumber ns:LocationContactAndAddress ns:LocationType ns:LocationId ns:LocationNumber**
used by	element **ShipmentSpecialServicesRequested/HoldAtLocationDetail**
annotation	documentation Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient.

source

```
<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>Contact phone number for recipient of shipment.</xs:documentation>
    <xs:appinfo>
     <xs:MaxLength>15</xs:MaxLength>
    </xs:appinfo>
   </xs:annotation>
  </xs:element>
  <xs:element name="LocationContactAndAddress" type="ns:ContactAndAddress" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Contact and address of FedEx facility at which shipment is to be held.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LocationType" type="ns:FedExLocationType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Type of facility at which package/shipment is to be held.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LocationId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Location identification (for facilities identified by an alphanumeric location code).</xs:documentation>
```

```
    </xs:annotation>
   </xs:element>
   <xs:element name="LocationNumber" type="xs:int" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Location identification (for facilities identified by an numeric location
code).</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

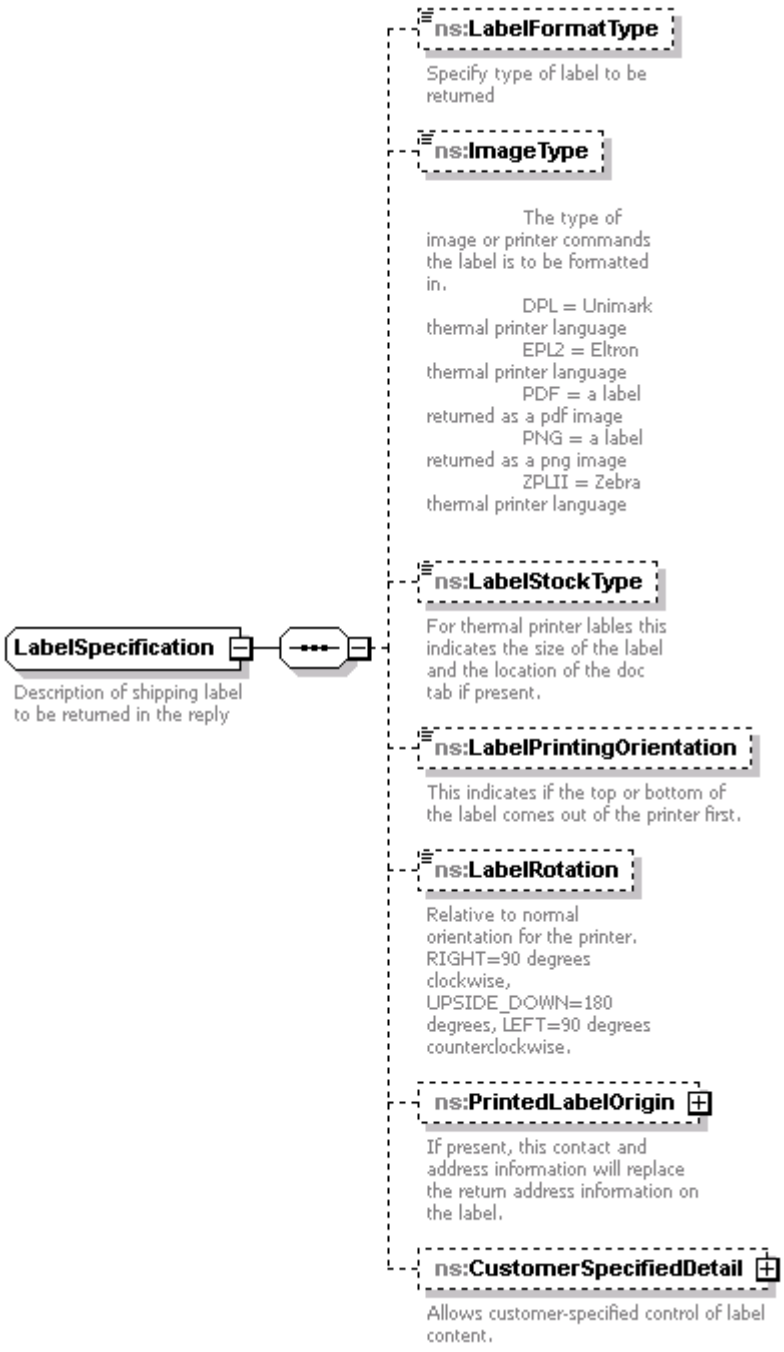
complexType **HomeDeliveryPremiumDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
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

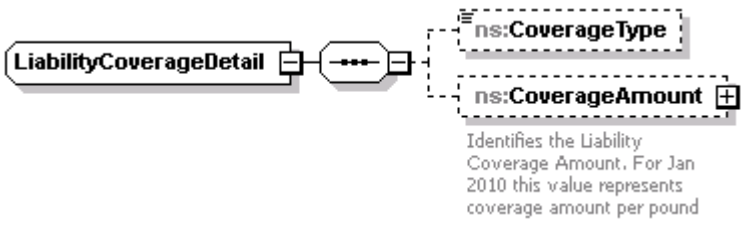
```
<xs:complexType name="HomeDeliveryPremiumDetail">
 <xs:annotation>
  <xs:documentation>The descriptive data required by FedEx for home delivery
services.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="HomeDeliveryPremiumType" type="ns:HomeDeliveryPremiumType"/>
  <xs:element 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 **LabelSpecification**

diagram	
namespace	http://fedex.com/ws/rate/v9
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	<xs:complexType name="LabelSpecification"> <xs:annotation> <xs:documentation>Description of shipping label to be returned in the reply</xs:documentation> </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>

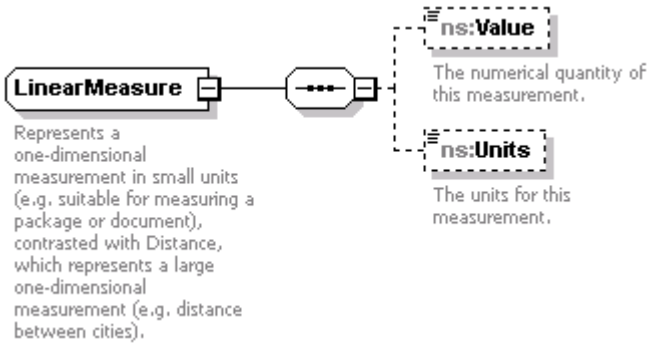
```
    </xs:element>
    <xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>
              The type of image or printer commands the label is to be formatted in.
              DPL = Unimark thermal printer language
              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 **LiabilityCoverageDetail**

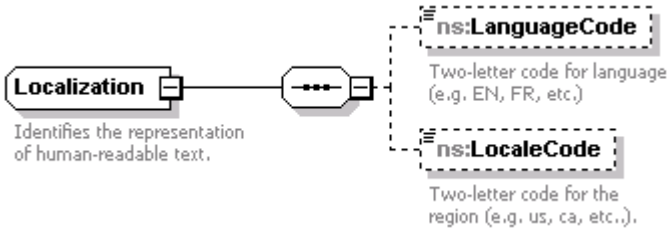
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CoverageType ns:CoverageAmount**

used by	element **FreightShipmentDetail/LiabilityCoverageDetail**
source	<xs:complexType name="LiabilityCoverageDetail"> <xs:sequence> <xs:element name="CoverageType" type="ns:LiabilityCoverageType" minOccurs="0"/> <xs:element name="CoverageAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the Liability Coverage Amount. For Jan 2010 this value represents coverage amount per pound</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

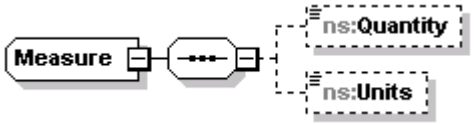
complexType **LinearMeasure**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Value ns:Units**
used by	element **ShippingDocumentFormat/TopOfPageOffset**
annotation	documentation Represents a one-dimensional measurement in small units (e.g. suitable for measuring a package or document), contrasted with Distance, which represents a large one-dimensional measurement (e.g. distance between cities).
source	<xs:complexType name="LinearMeasure"> <xs:annotation> <xs:documentation>Represents a one-dimensional measurement in small units (e.g. suitable for measuring a package or document), contrasted with Distance, which represents a large one-dimensional measurement (e.g. distance between cities).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Value" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>The numerical quantity of this measurement.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="ns:LinearUnits" minOccurs="0"> <xs:annotation> <xs:documentation>The units for this measurement.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

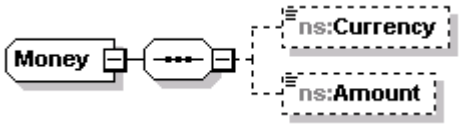
complexType **Localization**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:LanguageCode ns:LocaleCode**
used by	elements **ClientDetail/Localization EMailNotificationRecipient/Localization ShippingDocumentFormat/Localization TransactionDetail/Localization CustomerSpecifiedLabelDetail/TermsAndConditionsLocalization**
annotation	documentation Identifies the representation of human-readable text.
source	<xs:complexType name="Localization"> <xs:annotation> <xs:documentation>Identifies the representation of human-readable text.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LanguageCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Two-letter code for language (e.g. EN, FR, etc.)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LocaleCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Two-letter code for the region (e.g. us, ca, etc..).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

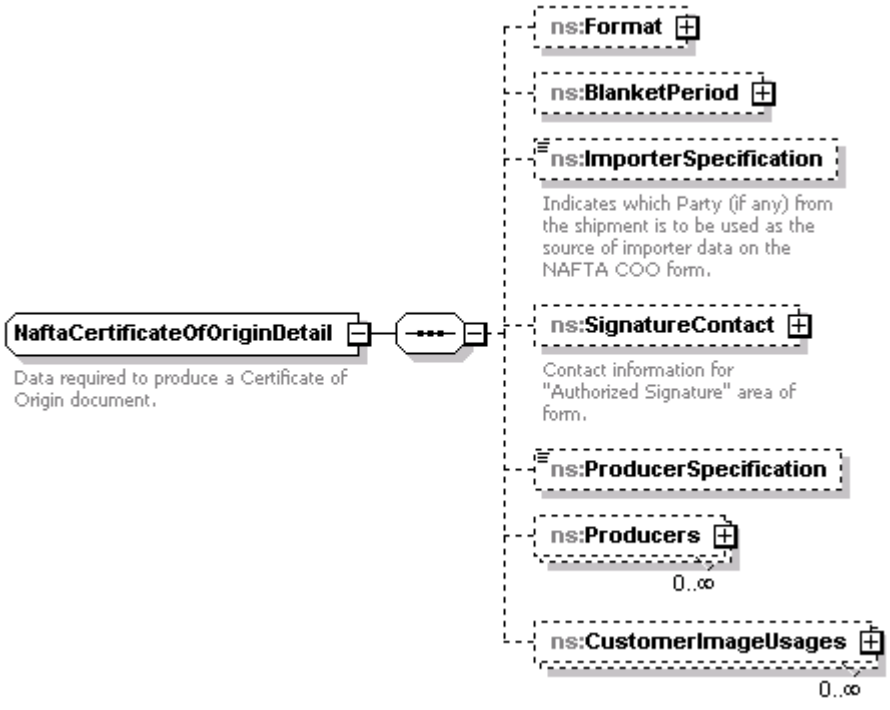
complexType **Measure**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Quantity ns:Units**
used by	element **Commodity/AdditionalMeasures**
source	<xs:complexType name="Measure"> <xs:sequence> <xs:element name="Quantity" type="xs:decimal" minOccurs="0"/> <xs:element name="Units" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **Money**

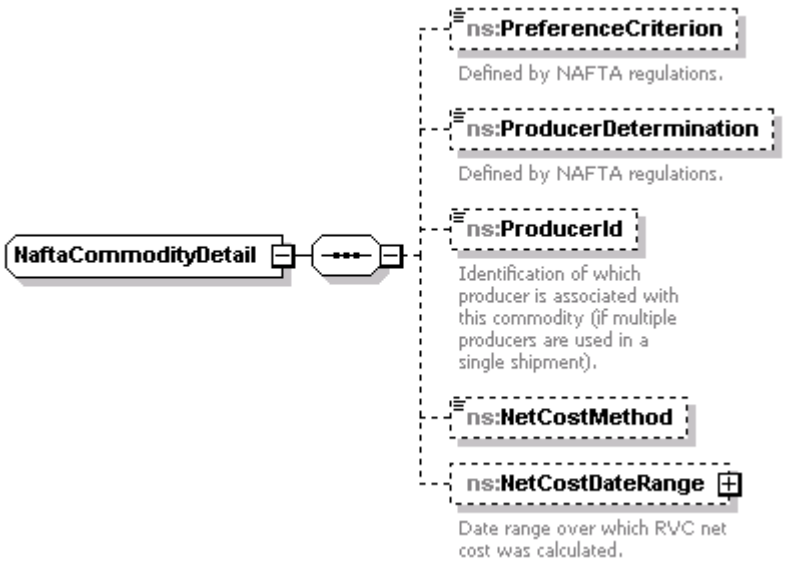
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Currency ns:Amount**
used by	elements **RatedShipmentDetail/AdjustedCodCollectionAmount RatedPackageDetail/AdjustedCodCollectionAmount EdtTaxDetail/Amount RateDiscount/Amount Rebate/Amount Tax/Amount Surcharge/Amount PackageRateDetail/BaseCharge FreightBaseCharge/ChargeRate CodDetail/CodCollectionAmount LiabilityCoverageDetail/CoverageAmount Commodity/CustomsValue CustomsClearanceDetail/CustomsValue FreightShipmentDetail/DeclaredValuePerUnit RatedPackageDetail/EffectiveNetDiscount RatedShipmentDetail/EffectiveNetDiscount FreightBaseCharge/ExtendedAmount VariableHandlingChargeDetail/FixedValue CommercialInvoice/FreightCharge CommercialInvoice/HandlingCosts CustomsClearanceDetail/InsuranceCharges RequestedPackageLineItem/InsuredValue PackageRateDetail/NetCharge PackageRateDetail/NetFedExCharge PackageRateDetail/NetFreight CommercialInvoice/PackingCosts EdtTaxDetail/TaxableValue CommercialInvoice/TaxesOrMiscellaneousCharge ShipmentRateDetail/TotalBaseCharge VariableHandlingCharges/TotalCustomerCharge ShipmentRateDetail/TotalDutiesAndTaxes PackageRateDetail/TotalFreightDiscounts ShipmentRateDetail/TotalFreightDiscounts RequestedShipment/TotalInsuredValue ShipmentRateDetail/TotalNetCharge ShipmentRateDetail/TotalNetChargeWithDutiesAndTaxes ShipmentRateDetail/TotalNetFedExCharge ShipmentRateDetail/TotalNetFreight ShipmentRateDetail/TotalRebates PackageRateDetail/TotalRebates ShipmentRateDetail/TotalSurcharges PackageRateDetail/TotalSurcharges PackageRateDetail/TotalTaxes ShipmentRateDetail/TotalTaxes Commodity/UnitPrice VariableHandlingCharges/VariableHandlingCharge**
source	<xs:complexType name="Money"> <xs:sequence> <xs:element name="Currency" type="xs:string" minOccurs="0"/> <xs:element name="Amount" type="xs:decimal" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **NaftaCertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9

children	**ns:Format ns:BlanketPeriod ns:ImporterSpecification ns:SignatureContact ns:ProducerSpecification ns:Producers ns:CustomerImageUsages**
used by	element **ShippingDocumentSpecification/NaftaCertificateOfOriginDetail**
annotation	documentation Data required to produce a Certificate of Origin document.
source	<xs:complexType name="NaftaCertificateOfOriginDetail"> <xs:annotation> <xs:documentation>Data required to produce a Certificate of Origin document.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/> <xs:element name="BlanketPeriod" type="ns:DateRange" minOccurs="0"/> <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>Contact information for "Authorized Signature" area of form.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProducerSpecification" type="ns:NaftaProducerSpecificationType" minOccurs="0"/> <xs:element name="Producers" type="ns:NaftaProducer" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

complexType **NaftaCommodityDetail**

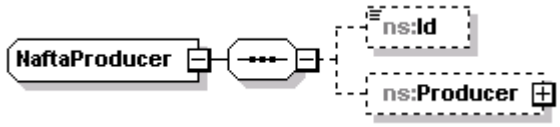
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PreferenceCriterion ns:ProducerDetermination ns:ProducerId ns:NetCostMethod ns:NetCostDateRange**
used by	element **Commodity/NaftaDetail**

source

```
<xs:complexType name="NaftaCommodityDetail">
  <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">
      <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: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>
```

complexType **NaftaProducer**

diagram

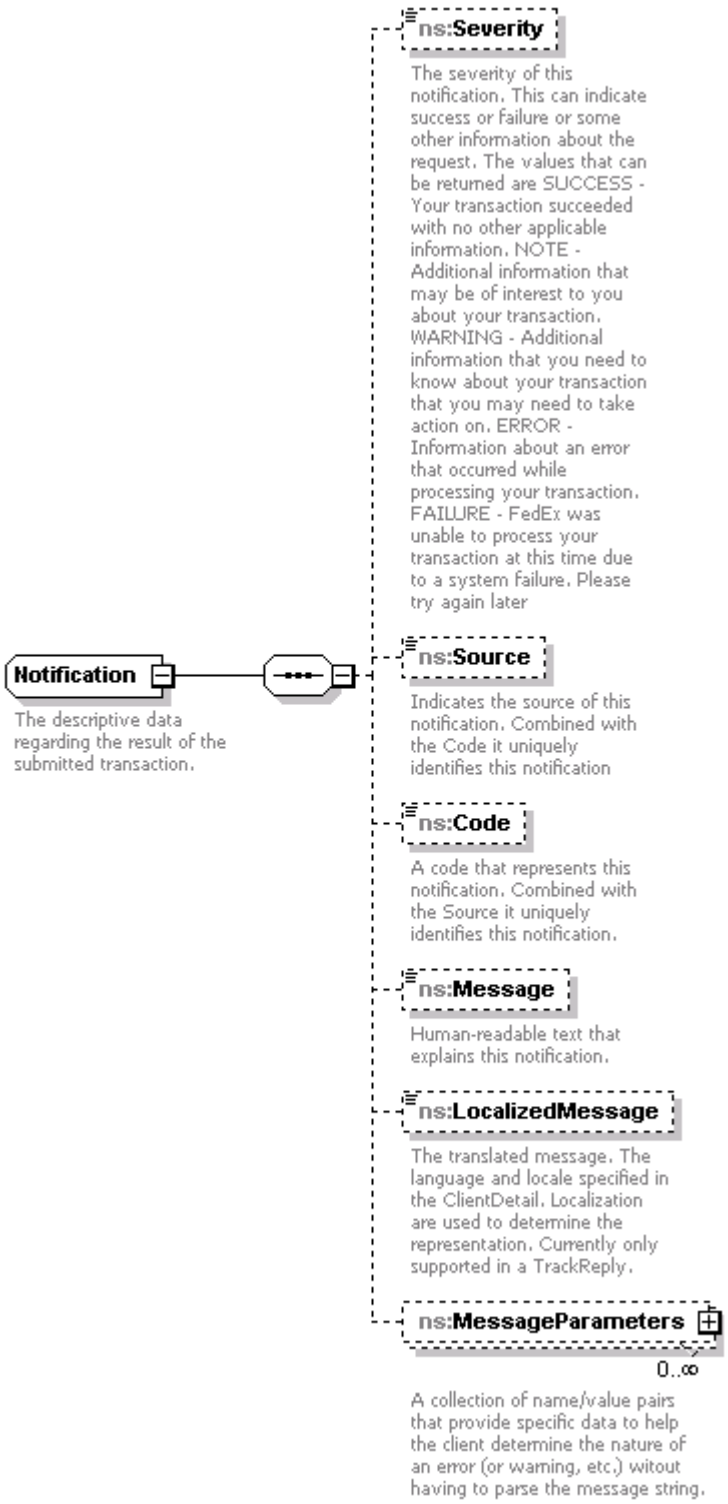


namespace	http://fedex.com/ws/rate/v9
children	**ns:Id ns:Producer**
used by	element **NaftaCertificateOfOriginDetail/Producers**

source

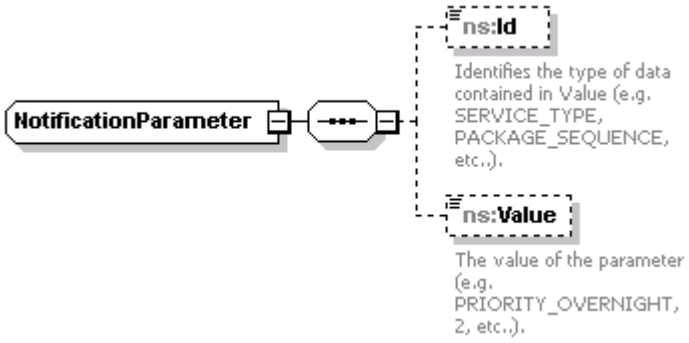
```
<xs:complexType name="NaftaProducer">
  <xs:sequence>
    <xs:element name="Id" type="xs:string" minOccurs="0"/>
    <xs:element name="Producer" type="ns:Party" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **Notification**

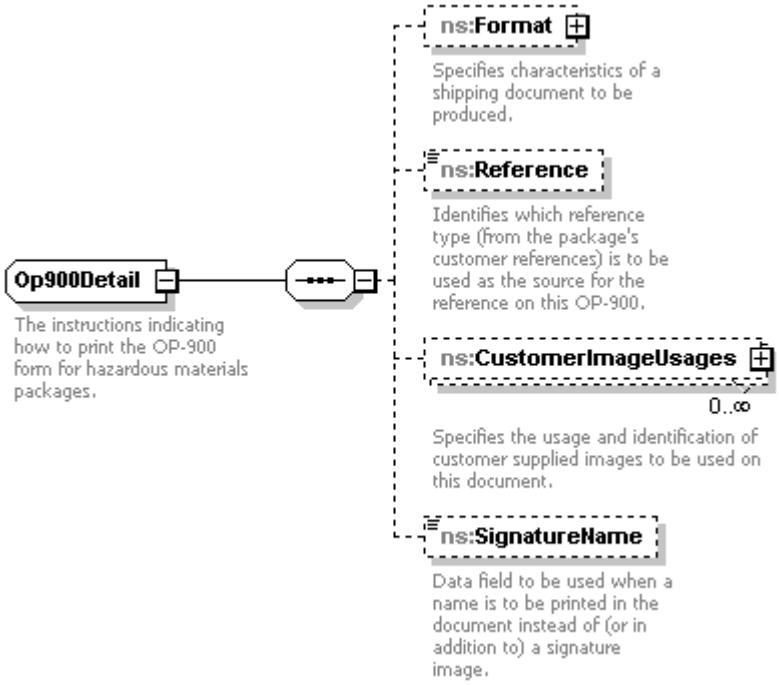
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Severity ns:Source ns:Code ns:Message ns:LocalizedMessage ns:MessageParameters**
used by	elements **CommitDetail/CommitMessages RateReply/Notifications**
annotation	documentation The descriptive data regarding the result of the submitted transaction.
source	<xs:complexType name="Notification"> <xs:annotation> <xs:documentation>The descriptive data regarding the result of the submitted transaction.</xs:documentation> </xs:annotation>

```
  <xs:sequence>
    <xs:element name="Severity" type="ns:NotificationSeverityType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The severity of this notification. This can indicate success or failure or some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Source" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Indicates the source of this notification. Combined with the Code it uniquely identifies this notification</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 the Source it uniquely identifies this notification.</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>Human-readable 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>The translated message. The language and locale specified in the ClientDetail. Localization are used to determine the representation. Currently only supported in a TrackReply.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="MessageParameters" type="ns:NotificationParameter" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>A collection of name/value pairs that provide specific data to help the client determine the nature of an error (or warning, etc.) witout having to parse the message string.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **NotificationParameter**

diagram	
namespace	http://fedex.com/ws/rate/v9
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>Identifies the type of data contained in Value (e.g. SERVICE_TYPE, PACKAGE_SEQUENCE, etc..).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The value of the parameter (e.g. PRIORITY_OVERNIGHT, 2, etc..).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **Op900Detail**

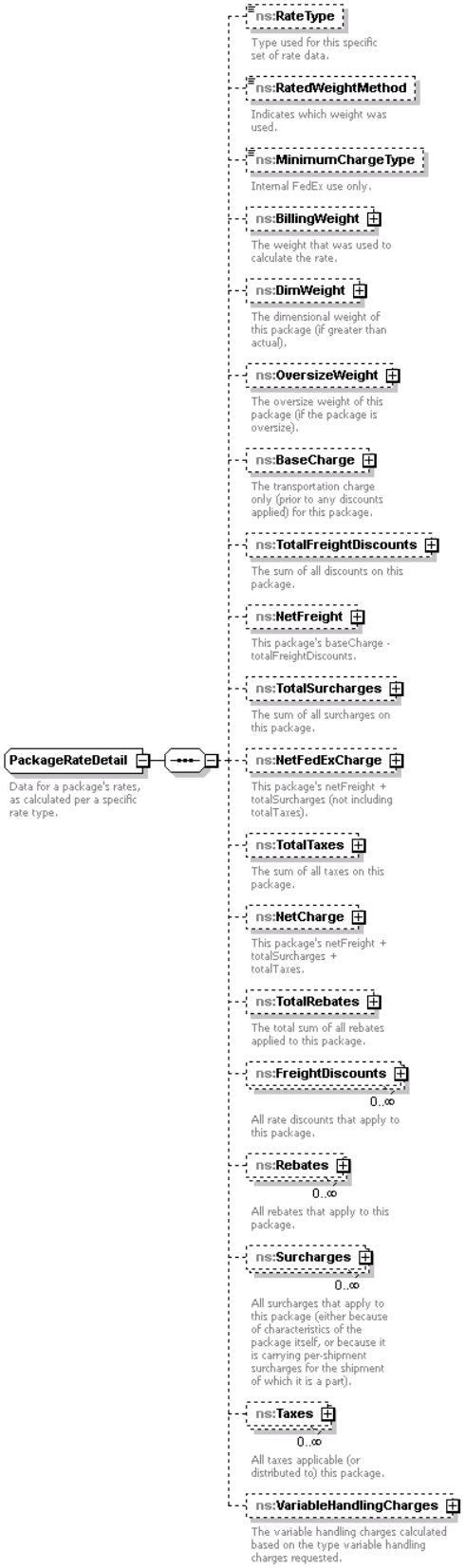
diagram	
namespace	http://fedex.com/ws/rate/v9

children	**ns:Format ns:Reference ns:CustomerImageUsages ns:SignatureName**
used by	element **ShippingDocumentSpecification/Op900Detail**
annotation	documentation The instructions indicating how to print the OP-900 form for hazardous materials packages.

source

```
<xs:complexType name="Op900Detail">
  <xs:annotation>
    <xs:documentation>The instructions indicating how to print the OP-900 form for hazardous materials packages.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies characteristics of a shipping document to be produced.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Reference" type="ns:CustomerReferenceType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies which reference type (from the package's customer references) is to be used as the source for the reference on this OP-900.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CustomerImageUsages" type="ns:CustomerImageUsage" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Specifies the usage and identification of customer supplied images to be used on this document.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SignatureName" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Data field to be used when a name is to be printed in the document instead of (or in addition to) a signature image.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **PackageRateDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
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**

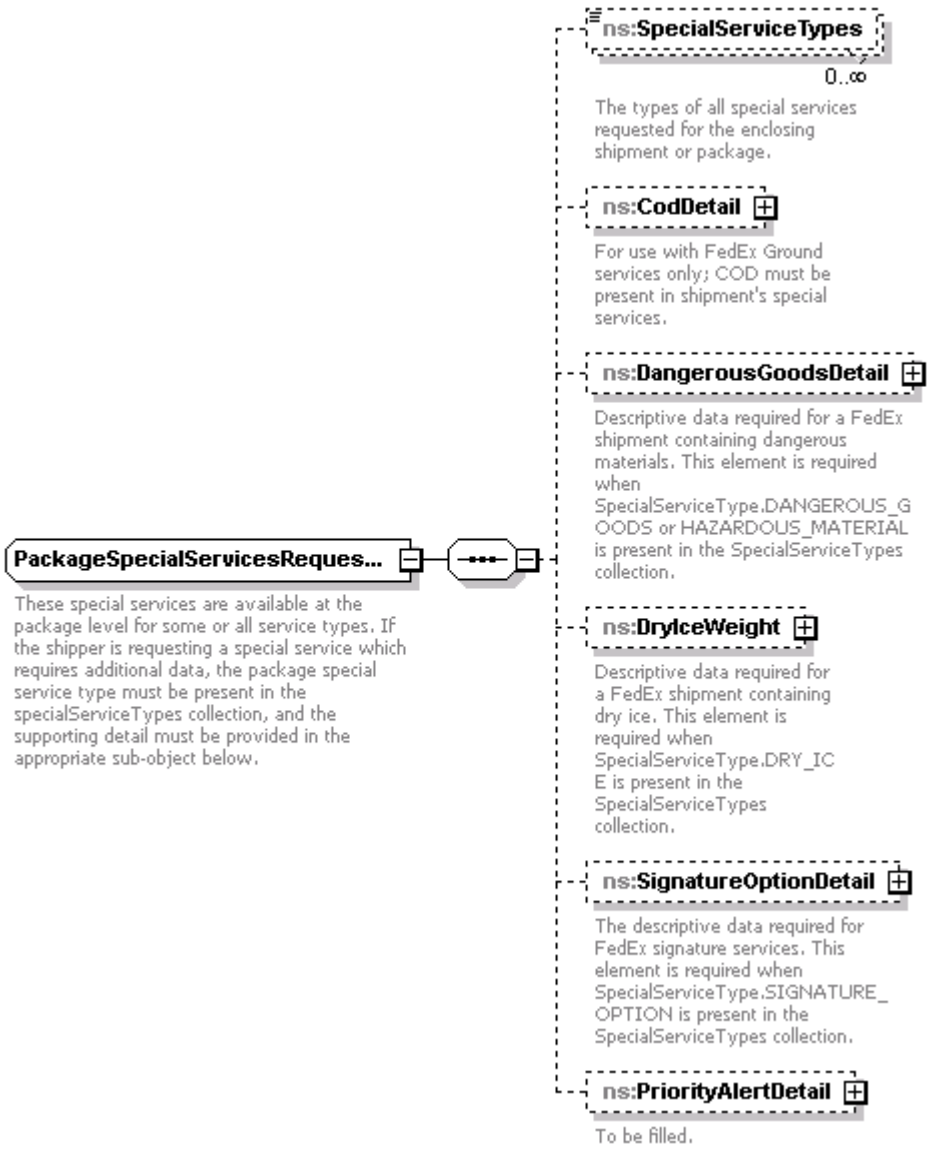
annotation
documentation
Data for a package's rates, as calculated per a specific rate type.

source

```
<xs:complexType name="PackageRateDetail">
 <xs:annotation>
  <xs:documentation>Data for a package's rates, as calculated per a specific rate
type.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Type used for this specific set of rate data.</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="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 of this package (if greater than
actual).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OversizeWeight" type="ns:Weight" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The oversize weight of this package (if the package is
oversize).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="BaseCharge" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The transportation charge only (prior to any discounts applied) for this
package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The sum of all discounts on this package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="NetFreight" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>This package's baseCharge - totalFreightDiscounts.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TotalSurcharges" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The sum of all surcharges on this package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="NetFedExCharge" type="ns:Money" minOccurs="0">
```

```
      <xs:annotation>
        <xs:documentation>This package's netFreight + totalSurcharges (not including
totalTaxes).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The sum of all taxes on this package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NetCharge" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>This package's netFreight + totalSurcharges +
totalTaxes.</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>All rate discounts that apply to this package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All rebates that apply to this package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All surcharges that apply to this package (either because of
characteristics of the package itself, or because it is carrying per-shipment surcharges for the
shipment of which it is a part).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All taxes applicable (or distributed 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
handling charges requested.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **PackageSpecialServicesRequested**

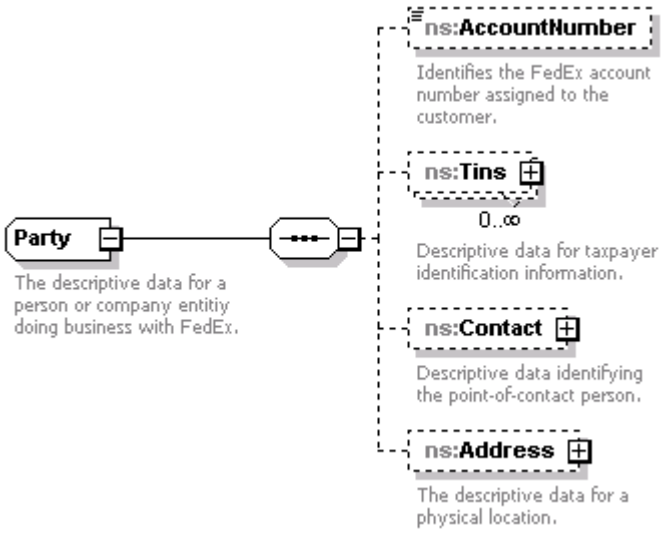
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:SpecialServiceTypes ns:CodDetail ns:DangerousGoodsDetail ns:DryIceWeight ns:SignatureOptionDetail ns:PriorityAlertDetail**
used by	element **RequestedPackageLineItem/SpecialServicesRequested**
annotation	documentation These special services are available at the package level for some or all service types. If the shipper is requesting a special service which requires additional data, the package special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.

source

```
<xs:complexType name="PackageSpecialServicesRequested">
  <xs:annotation>
    <xs:documentation>These special services are available at the package level for some or all service types. If the shipper is requesting a special service which requires additional data, the package special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SpecialServiceTypes" type="ns:PackageSpecialServiceType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The types of all special services requested for the enclosing shipment or package.</xs:documentation>
      </xs:annotation>
```

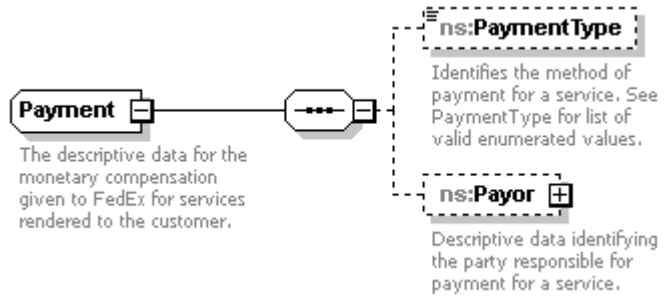
```
    </xs:element>
    <xs:element name="CodDetail" type="ns:CodDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>For use with FedEx Ground services only; COD must be present in shipment's special services.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element 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>
```

complexType **Party**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:AccountNumber ns:Tins ns:Contact ns:Address**
used by	elements **CustomsClearanceDetail/Broker CodDetail/CodRecipient CustomsClearanceDetail/ImporterOfRecord NaftaProducer/Producer RequestedShipment/Recipient RequestedShipment/Shipper**

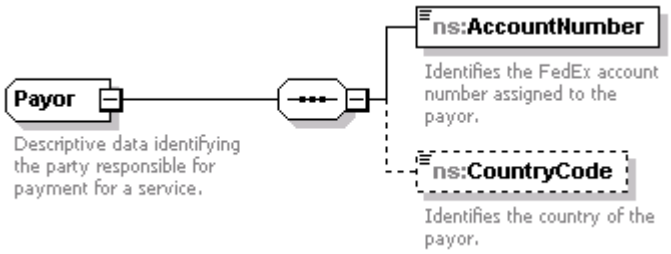
annotation	documentation The descriptive data for a person or company entitiy doing business with FedEx.
source	<xs:complexType name="Party"> <xs:annotation> <xs:documentation>The descriptive data for a person or company entitiy doing business with FedEx.</xs:documentation> </xs:annotation> <xs:sequence> <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:appinfo> <xs:MaxLength>12</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Tins" type="ns:TaxpayerIdentification" minOccurs="0" maxOccurs="unbounded"> <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>

complexType **Payment**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PaymentType ns:Payor**
used by	elements **CustomsClearanceDetail/DutiesPayment RequestedShipment/ShippingChargesPayment**
annotation	documentation The descriptive data for the monetary compensation given to FedEx for services rendered to the customer.
source	<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>
```

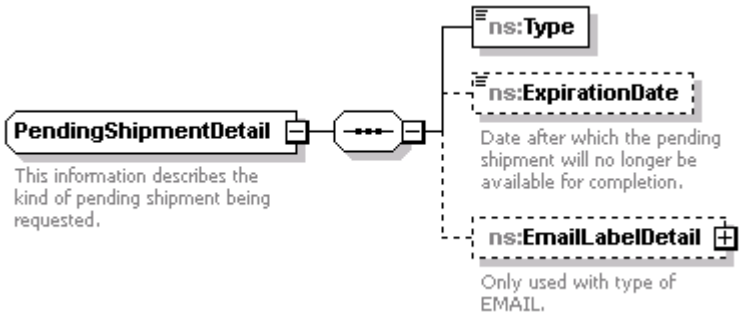
complexType **Payor**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:AccountNumber ns:CountryCode**
used by	element **Payment/Payor**
annotation	documentation Descriptive data identifying the party responsible for payment for a service.

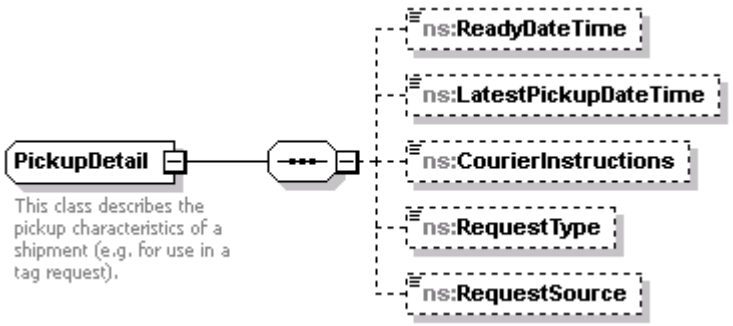
source

```
<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:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **PendingShipmentDetail**

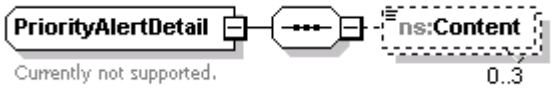
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Type ns:ExpirationDate ns:EmailLabelDetail**
used by	element **ShipmentSpecialServicesRequested/PendingShipmentDetail**
annotation	documentation This information describes the kind of pending shipment being requested.
source	<xs:complexType name="PendingShipmentDetail"> <xs:annotation> <xs:documentation>This information describes the kind of pending shipment being requested.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:PendingShipmentType"/> <xs:element name="ExpirationDate" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Date after which the pending shipment will no longer be available for completion.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EmailLabelDetail" type="ns:EMailLabelDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Only used with type of EMAIL.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **PickupDetail**

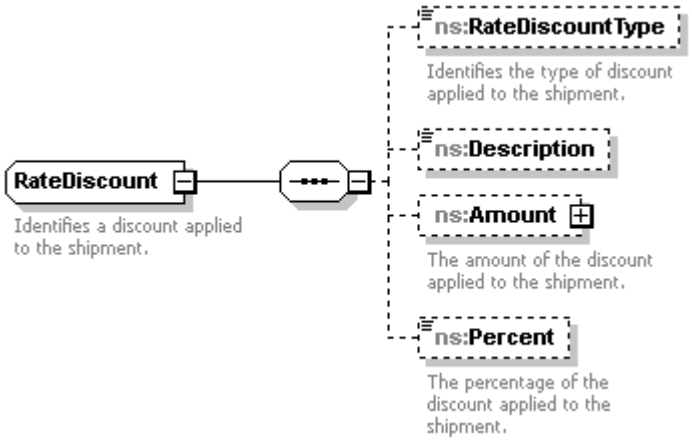
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:ReadyDateTime ns:LatestPickupDateTime ns:CourierInstructions ns:RequestType ns:RequestSource**
used by	element **RequestedShipment/PickupDetail**
annotation	documentation This class describes the pickup characteristics of a shipment (e.g. for use in a tag request).
source	<xs:complexType name="PickupDetail">

```
  <xs:annotation>
    <xs:documentation>This class describes the pickup characteristics of a shipment (e.g. for use in a tag request).</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="ReadyDateTime" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="LatestPickupDateTime" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="CourierInstructions" type="xs:string" minOccurs="0"/>
    <xs:element name="RequestType" type="ns:PickupRequestType" minOccurs="0"/>
    <xs:element name="RequestSource" type="ns:PickupRequestSourceType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **PriorityAlertDetail**

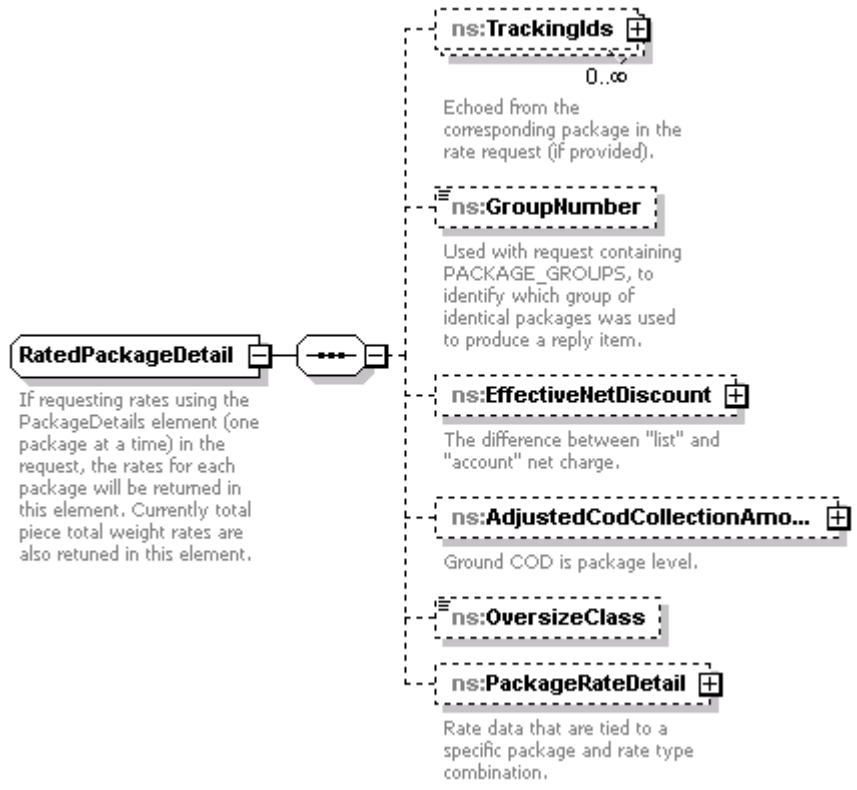
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Content**
used by	element **PackageSpecialServicesRequested/PriorityAlertDetail**
annotation	documentation Currently not supported.
source	<xs:complexType name="PriorityAlertDetail"> <xs:annotation> <xs:documentation>Currently not supported.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Content" type="xs:string" minOccurs="0" maxOccurs="3"/> </xs:sequence> </xs:complexType>

complexType **RateDiscount**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:RateDiscountType ns:Description ns:Amount ns:Percent**
used by	elements **PackageRateDetail/FreightDiscounts ShipmentRateDetail/FreightDiscounts**
annotation	documentation Identifies a discount applied to the shipment.
source	<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:element name="Description" type="xs:string" minOccurs="0"/>
    <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>
```

complexType **RatedPackageDetail**

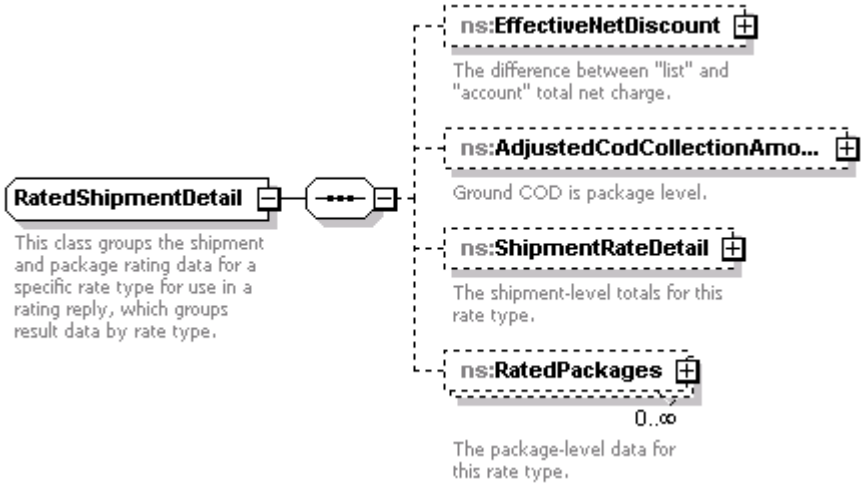
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:TrackingIds ns:GroupNumber ns:EffectiveNetDiscount ns:AdjustedCodCollectionAmount ns:OversizeClass ns:PackageRateDetail**
used by	element **RatedShipmentDetail/RatedPackages**
annotation	documentation If requesting rates using the PackageDetails 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 retuned in this element.

source

```
<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 retuned 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>The difference between "list" and "account" net charge.</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="OversizeClass" type="ns:OversizeClassType" minOccurs="0"/>
    <xs:element name="PackageRateDetail" type="ns:PackageRateDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Rate data that are tied to a specific package and rate type combination.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **RatedShipmentDetail**

diagram



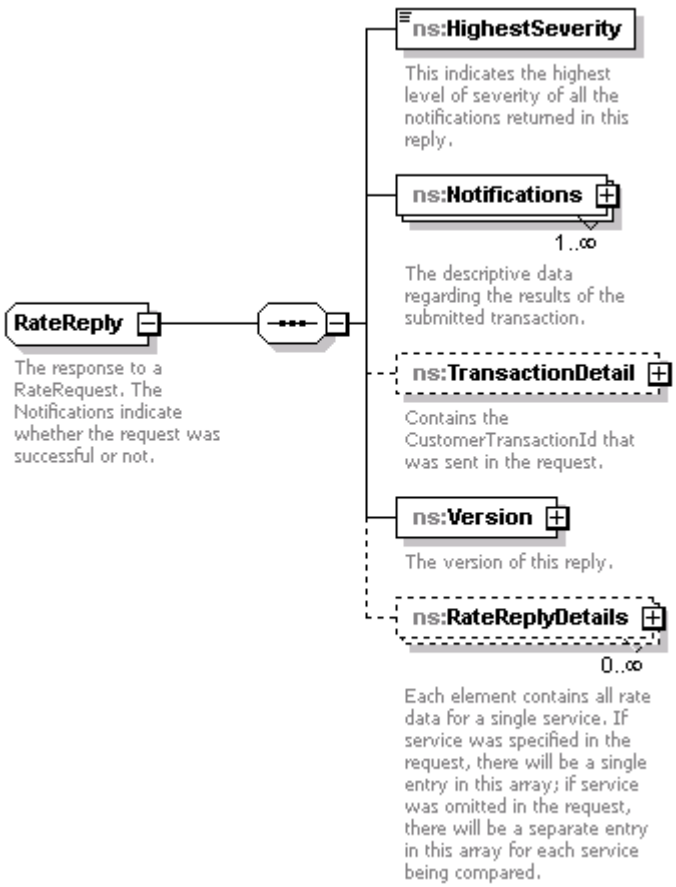
namespace http://fedex.com/ws/rate/v9

children	**ns:EffectiveNetDiscount ns:AdjustedCodCollectionAmount ns:ShipmentRateDetail ns:RatedPackages**
used by	element **RateReplyDetail/RatedShipmentDetails**
annotation	documentation This class groups the shipment and package rating data for a specific rate type for use in a rating reply, which groups result data by rate type.

source

```
<xs:complexType name="RatedShipmentDetail">
  <xs:annotation>
    <xs:documentation>This class groups the shipment and package rating data for a specific rate type for use in a rating reply, which groups result data by rate type.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The difference between "list" and "account" total net charge.</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">
      <xs:annotation>
        <xs:documentation>The shipment-level totals for this rate type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RatedPackages" type="ns:RatedPackageDetail" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The package-level data for this rate type.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **RateReply**

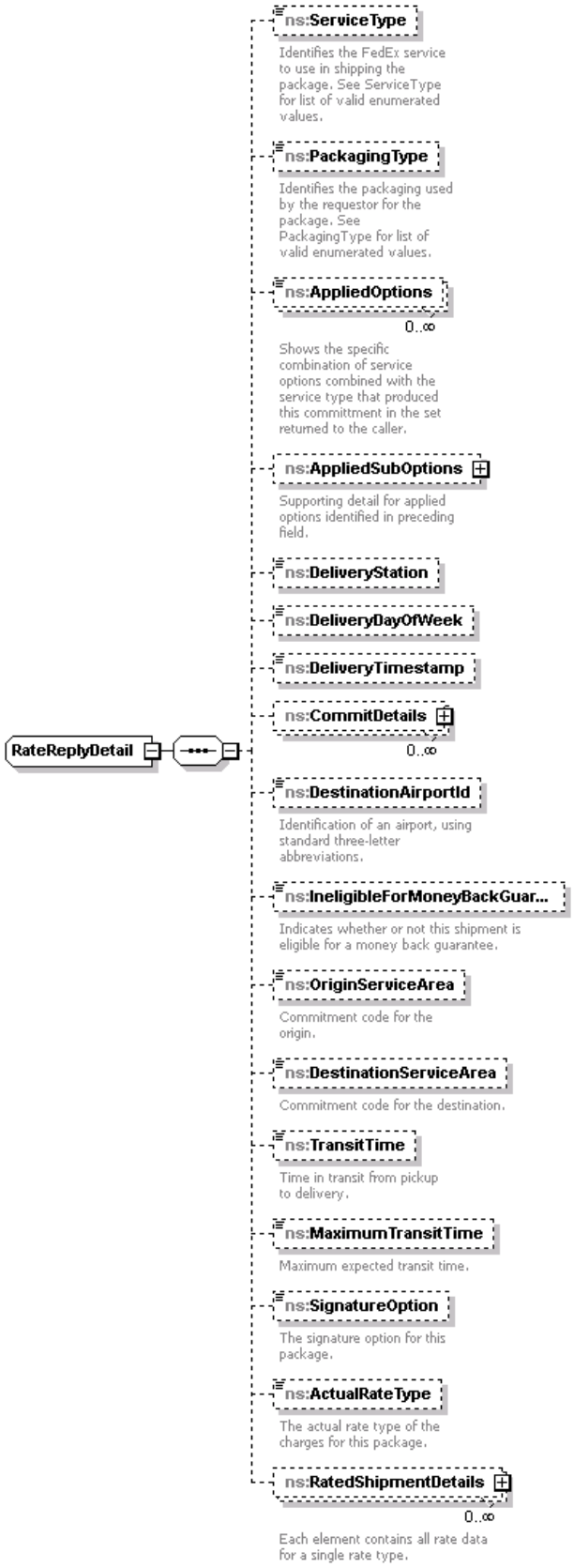
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:RateReplyDetails**
used by	element **RateReply**
annotation	documentation The response to a RateRequest. The Notifications indicate whether the request was successful or not.

source

```
<xs:complexType name="RateReply">
 <xs:annotation>
  <xs:documentation>The response to a RateRequest. The Notifications indicate whether the request was successful or not.</xs:documentation>
 </xs:annotation>
 <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>Contains the CustomerTransactionId that was sent in the request.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Version" type="ns:VersionId">
```

```
      <xs:annotation>
        <xs:documentation>The version of this reply.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RateReplyDetails" type="ns:RateReplyDetail" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Each element contains all rate data for a single service. If service was
specified in the request, there will be a single entry in this array; if service was omitted in the
request, there will be a separate entry in this array for each service being
compared.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **RateReplyDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
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:MaximumTransitTime ns:SignatureOption ns:ActualRateType ns:RatedShipmentDetails**

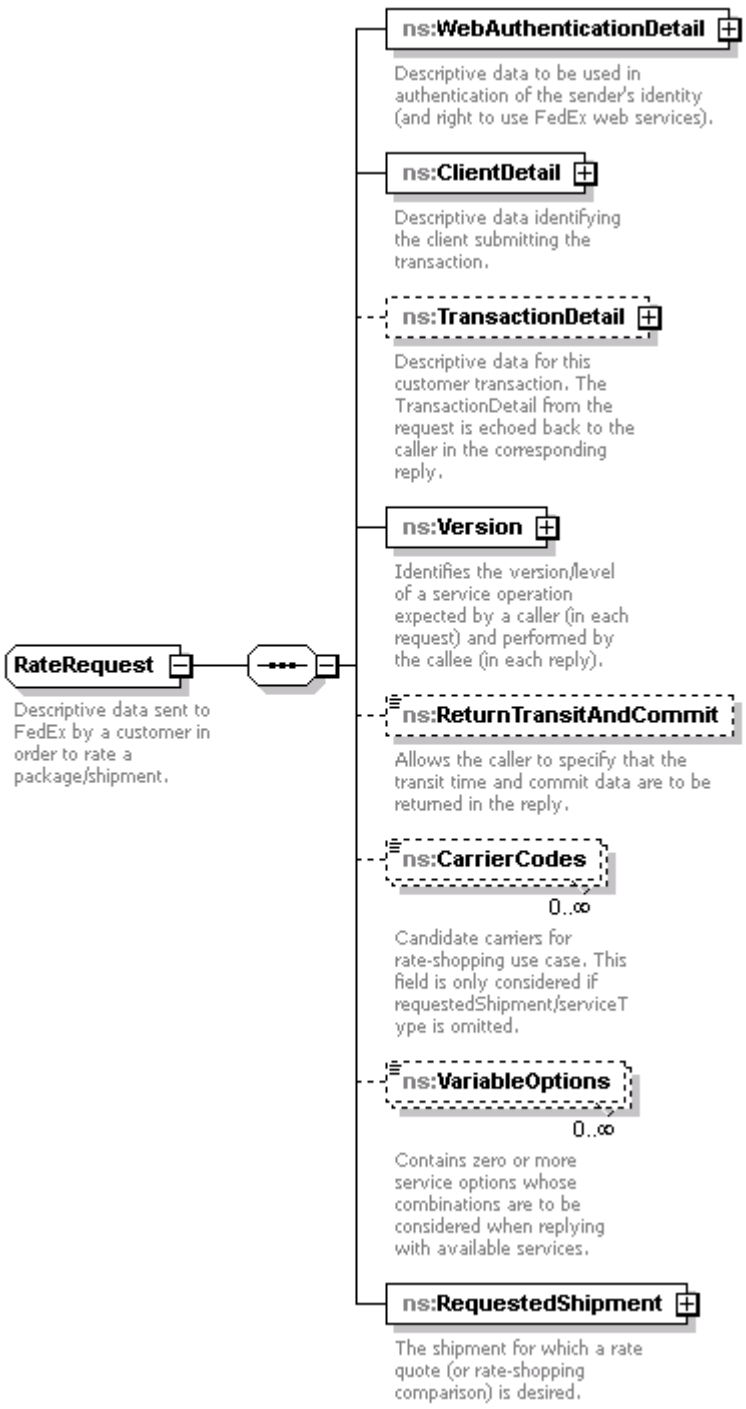
used by element **RateReply/RateReplyDetails**

source

```
<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:annotation>
    <xs:documentation>Shows the specific combination of service options combined with the
service type that produced this committment in the set returned to the caller.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <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:element name="DeliveryDayOfWeek" type="ns:DayOfWeekType" minOccurs="0"/>
  <xs:element name="DeliveryTimestamp" type="xs:dateTime" minOccurs="0"/>
  <xs:element name="CommitDetails" type="ns:CommitDetail" minOccurs="0"
maxOccurs="unbounded"/>
  <xs:element name="DestinationAirportId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identification of an airport, using standard three-letter
abbreviations.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <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="MaximumTransitTime" type="ns:TransitTimeType" minOccurs="0">
```

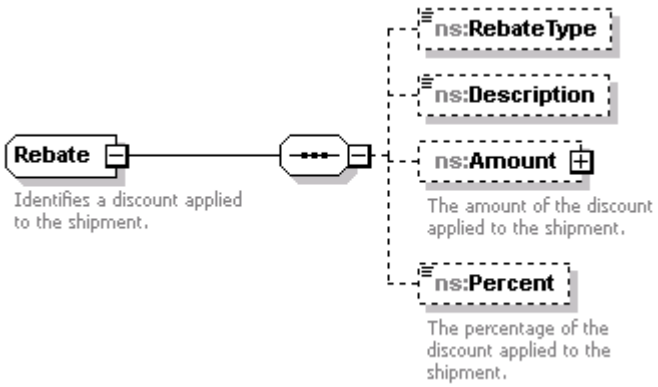
```
      <xs:annotation>
        <xs:documentation>Maximum expected transit time.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SignatureOption" type="ns:SignatureOptionType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The signature option for this 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>Each element contains all rate data for a single rate
type.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **RateRequest**

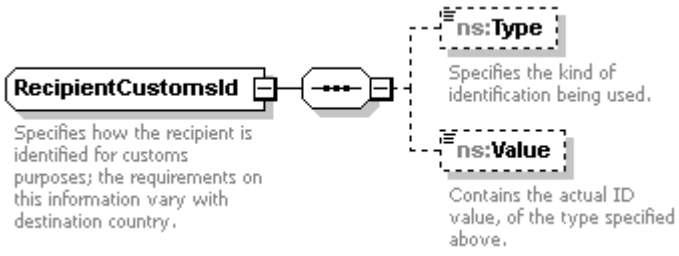
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ReturnTransitAndCommit ns:CarrierCodes ns:VariableOptions ns:RequestedShipment**
used by	element **RateRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to rate a package/shipment.
source	<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" 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>Allows the caller to specify that the transit time and commit data are to be
returned in the reply.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CarrierCodes" type="ns:CarrierCodeType" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Candidate carriers for rate-shopping use case. This field is only
considered if requestedShipment/serviceType is omitted.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="VariableOptions" type="ns:ServiceOptionType" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Contains zero or more service options whose combinations are to be
considered when replying with available services.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RequestedShipment" type="ns:RequestedShipment">
      <xs:annotation>
        <xs:documentation>The shipment for which a rate quote (or rate-shopping comparison) is
desired.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **Rebate**

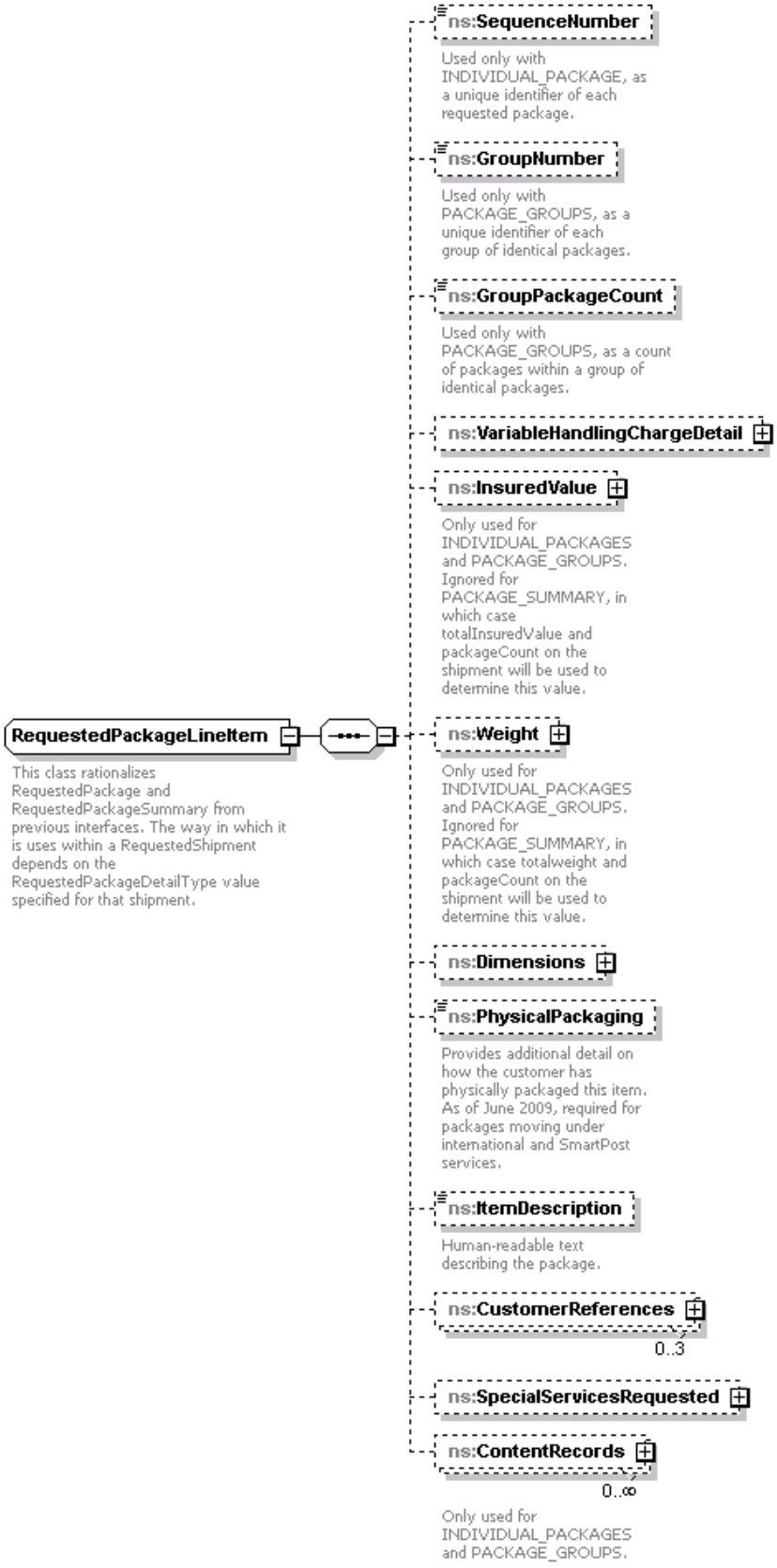
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:RebateType ns:Description ns:Amount ns:Percent**
used by	elements **PackageRateDetail/Rebates ShipmentRateDetail/Rebates**
annotation	documentation Identifies a discount applied to the shipment.
source	<xs:complexType name="Rebate"> <xs:annotation> <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:element name="Description" type="xs:string" minOccurs="0"/> <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>

complexType **RecipientCustomsId**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Type ns:Value**
used by	element **CustomsClearanceDetail/RecipientCustomsId**
annotation	documentation Specifies how the recipient is identified for customs purposes; the requirements on this information vary with destination country.
source	<xs:complexType name="RecipientCustomsId">

```
  <xs:annotation>
    <xs:documentation>Specifies how the recipient is identified for customs purposes; the
requirements on this information vary with destination country.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Type" type="ns:RecipientCustomsIdType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the kind of identification being used.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Value" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Contains the actual ID value, of the type specified
above.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

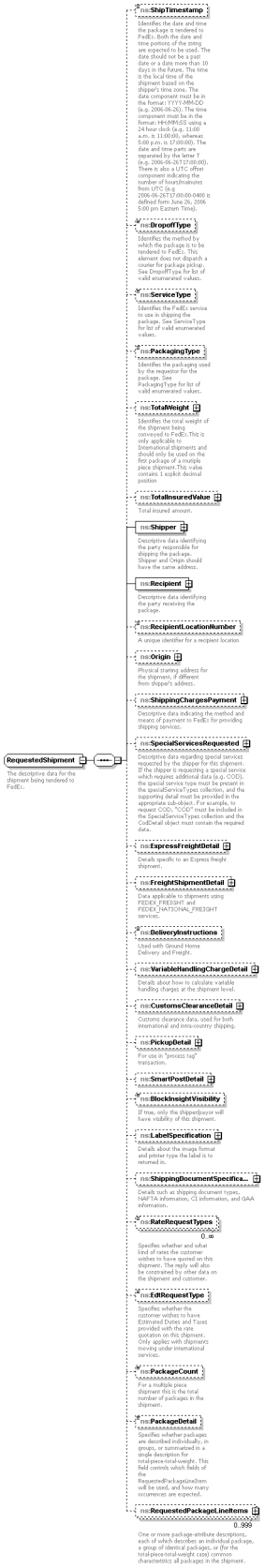
complexType **RequestedPackageLineItem**

diagram	
namespace	http://fedex.com/ws/rate/v9
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	<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:nonNegativeInteger" 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: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"/> <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:element name="SpecialServicesRequested" type="ns:PackageSpecialServicesRequested" minOccurs="0"/>

	<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	
namespace	http://fedex.com/ws/rate/v9
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:CustomsClearanceDetail 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	

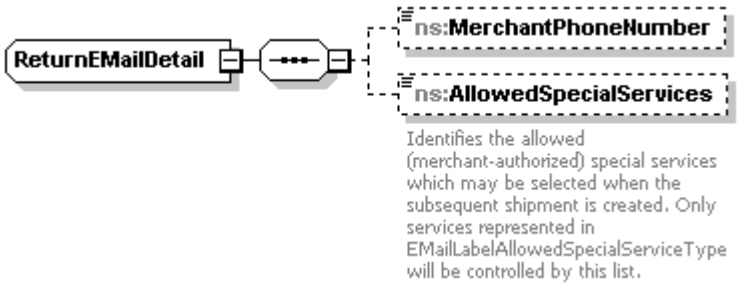
```
<xs:complexType name="RequestedShipment">
 <xs:annotation>
  <xs:documentation>The descriptive data for the shipment being tendered to
FedEx.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="ShipTimestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies 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>
  <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
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="CustomsClearanceDetail" type="ns:CustomsClearanceDetail"
minOccurs="0">
      <xs:annotation>
```

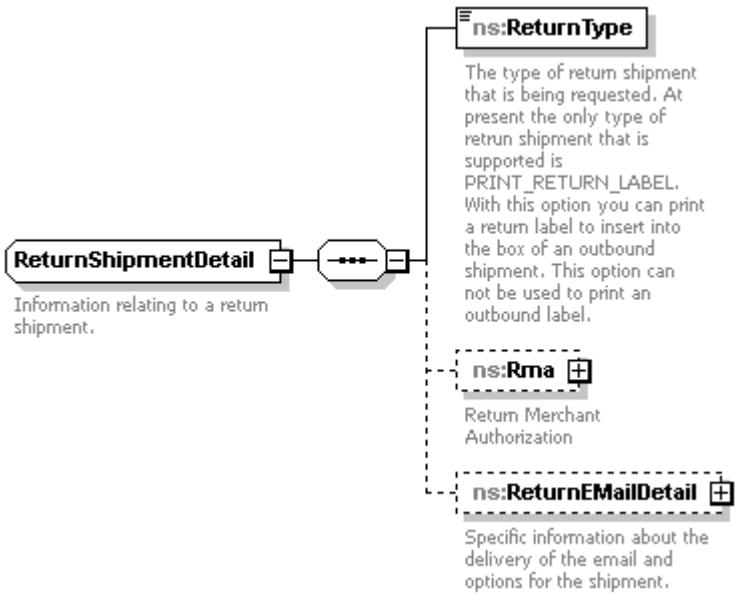
```
      <xs:documentation>Customs clearance data, used for both international and intra-country
shipping.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="PickupDetail" type="ns:PickupDetail" minOccurs="0">
    <xs:annotation>
      <xs:documentation>For use in "process tag" transaction.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SmartPostDetail" type="ns:SmartPostShipmentDetail" minOccurs="0"/>
  <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>Specifies whether and what kind of rates the customer wishes to have
quoted on this shipment. The reply will also be constrained by other data on the shipment and
customer.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <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>Specifies whether packages are described individually, in groups, or
summarized in a single description for total-piece-total-weight. This field controls which fields of the
RequestedPackageLineItem will be used, and how many occurrences are
expected.</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>

complexType **ReturnEMailDetail**

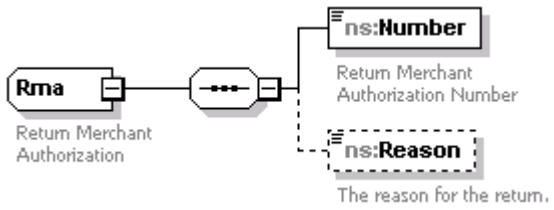
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:MerchantPhoneNumber ns:AllowedSpecialServices**
used by	element **ReturnShipmentDetail/ReturnEMailDetail**
source	<xs:complexType name="ReturnEMailDetail"> <xs:sequence> <xs:element name="MerchantPhoneNumber" type="xs:string" minOccurs="0"/> <xs:element name="AllowedSpecialServices" type="ns:ReturnEMailAllowedSpecialServiceType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the allowed (merchant-authorized) special services which may be selected when the subsequent shipment is created. Only services represented in EMailLabelAllowedSpecialServiceType will be controlled by this list.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **ReturnShipmentDetail**

diagram	

namespace	http://fedex.com/ws/rate/v9
children	**ns:ReturnType ns:Rma ns:ReturnEMailDetail**
used by	element **ShipmentSpecialServicesRequested/ReturnShipmentDetail**
annotation	documentation Information relating to a return shipment.
source	<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 shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

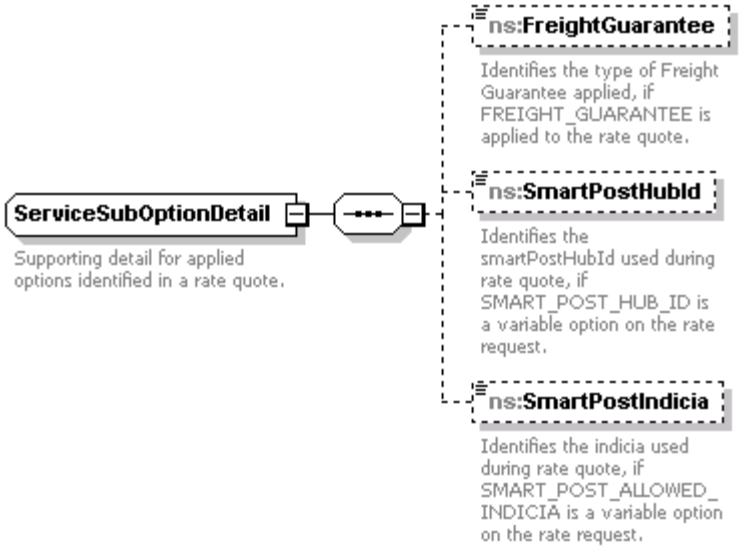
complexType **Rma**

diagram	
namespace	http://fedex.com/ws/rate/v9
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



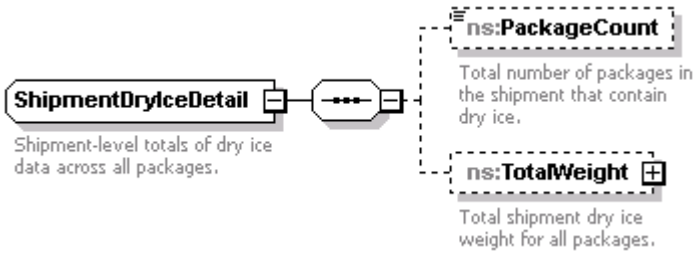
namespace	http://fedex.com/ws/rate/v9
children	**ns:FreightGuarantee ns:SmartPostHubId ns:SmartPostIndicia**
used by	elements **CommitDetail/AppliedSubOptions RateReplyDetail/AppliedSubOptions**
annotation	documentation Supporting detail for applied options identified in a rate quote.

source

```
<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
SMART_POST_HUB_ID is a variable option on the rate request.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SmartPostIndicia" type="ns:SmartPostIndiciaType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the indicia used during rate quote, if
```

```
SMART_POST_ALLOWED_INDICIA is a variable option on the rate request.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

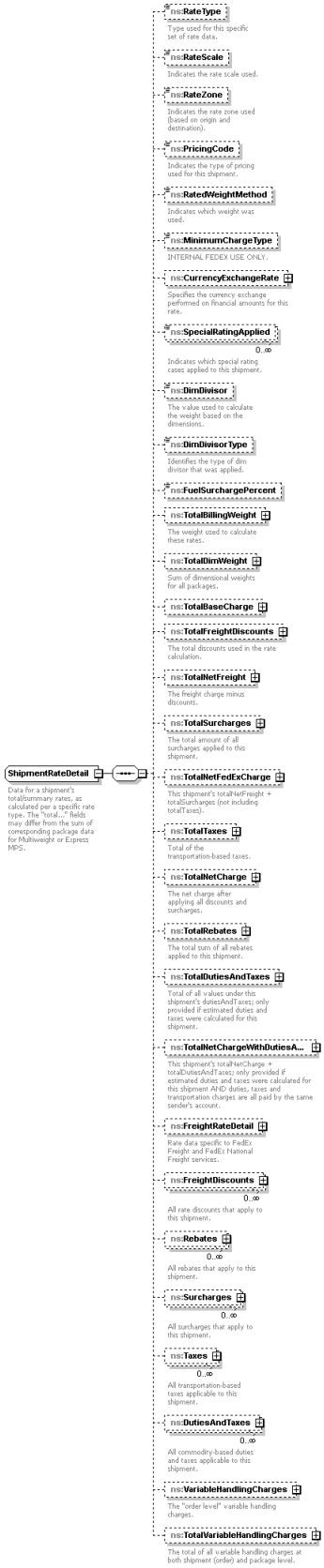
complexType **ShipmentDryIceDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PackageCount ns:TotalWeight**
used by	element **ShipmentSpecialServicesRequested/ShipmentDryIceDetail**
annotation	documentation Shipment-level totals of dry ice data across all packages.

source

```
<xs:complexType name="ShipmentDryIceDetail">
  <xs:annotation>
    <xs:documentation>Shipment-level totals of dry ice data across all
packages.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="PackageCount" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Total number of packages in the shipment that contain dry
ice.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TotalWeight" type="ns:Weight" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Total shipment dry ice weight for all packages.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **ShipmentRateDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:RateType ns:RateScale ns:RateZone ns:PricingCode ns:RatedWeightMethod ns:MinimumChargeType ns:CurrencyExchangeRate ns:SpecialRatingApplied ns:DimDivisor ns:DimDivisorType 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 Data for a shipment's total/summary rates, as calculated per a specific rate type. The "total..." fields may differ from the sum of corresponding package data for Multiweight or Express MPS.

source

```
<xs:complexType name="ShipmentRateDetail">
 <xs:annotation>
  <xs:documentation>Data for a shipment's total/summary rates, as calculated per a specific rate type. The "total..." fields may differ from the sum of corresponding package data for Multiweight or Express MPS.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="RateType" type="ns:ReturnedRateType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Type used for this specific set of rate data.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="RateScale" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Indicates the rate scale used.</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>Indicates the rate zone used (based on origin and destination).</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">
   <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>
```

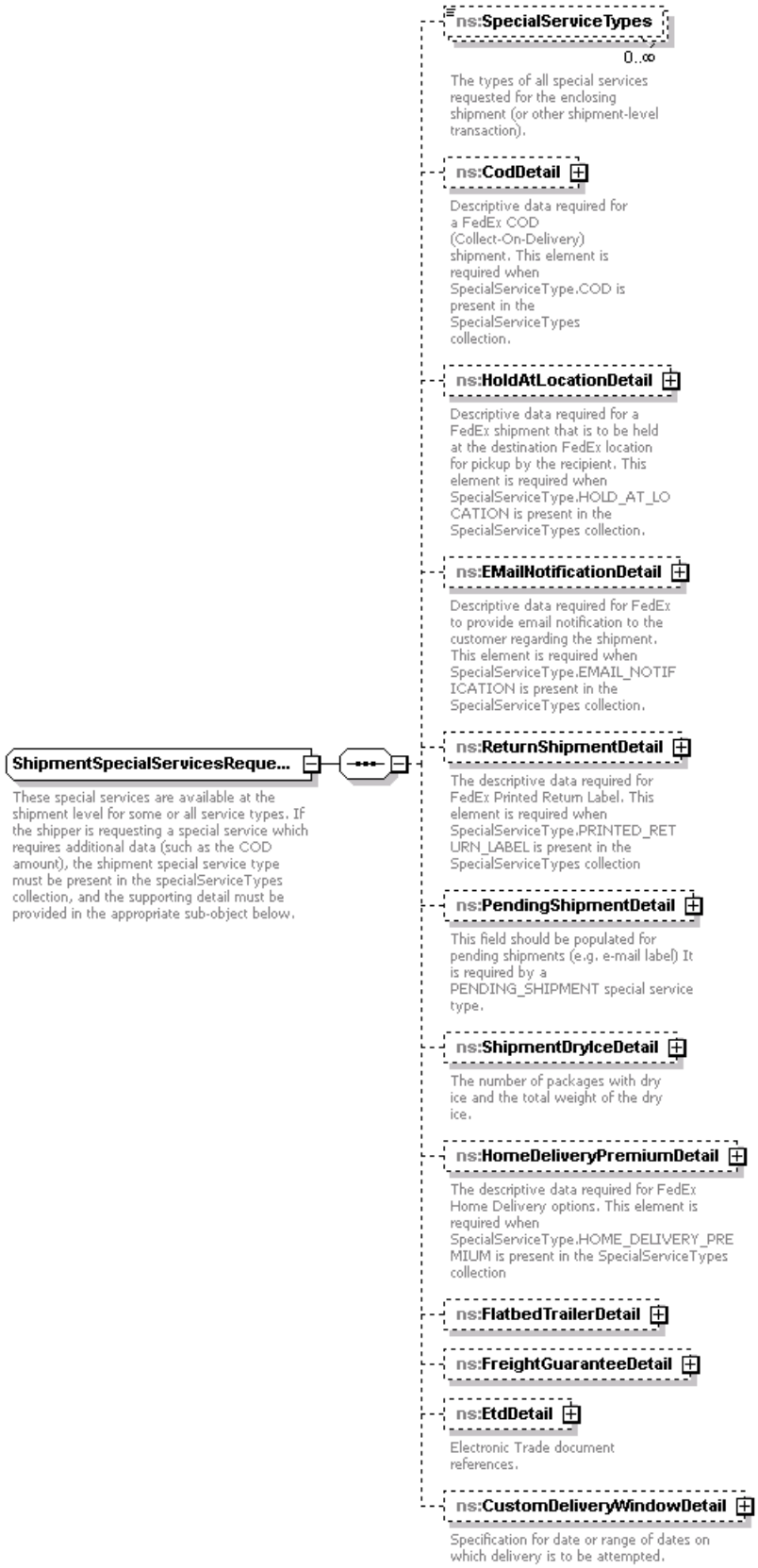
```
      </xs:annotation>
    </xs:element>
    <xs:element name="DimDivisor" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The value used to calculate the weight based on the
dimensions.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DimDivisorType" type="ns:RateDimensionalDivisorType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the type of dim divisor that was applied.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FuelSurchargePercent" type="xs:decimal" minOccurs="0"/>
    <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>Sum of dimensional weights for all packages.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TotalBaseCharge" type="ns:Money" minOccurs="0"/>
    <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:annotation>
        <xs:documentation>This shipment's totalNetFreight + totalSurcharges (not including
totalTaxes).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TotalTaxes" type="ns:Money" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Total of the transportation-based taxes.</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>All rate discounts that apply to this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Rebates" type="ns:Rebate" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All rebates that apply to this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Surcharges" type="ns:Surcharge" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All surcharges that apply to this shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Taxes" type="ns:Tax" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All transportation-based taxes applicable to this shipment.</xs:documentation>
      </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 "order level" variable handling charges.</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



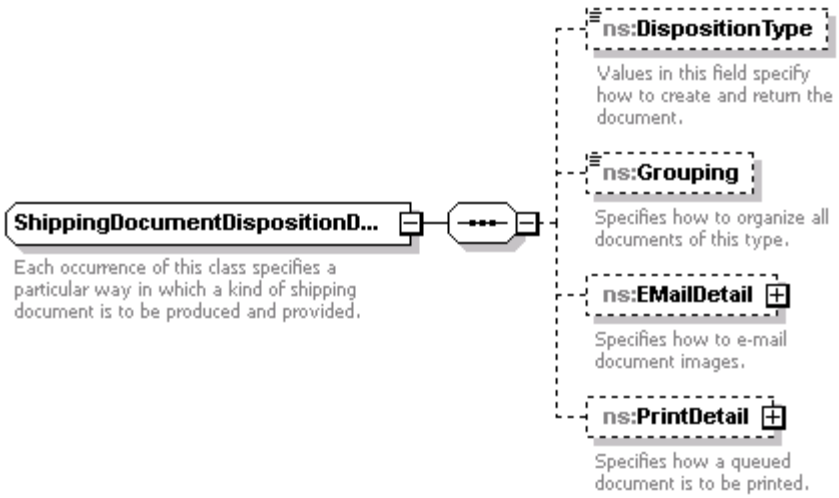
namespace	http://fedex.com/ws/rate/v9
children	**ns:SpecialServiceTypes ns:CodDetail ns:HoldAtLocationDetail ns:EMailNotificationDetail ns:ReturnShipmentDetail ns:PendingShipmentDetail ns:ShipmentDryIceDetail ns:HomeDeliveryPremiumDetail ns:FlatbedTrailerDetail ns:FreightGuaranteeDetail ns:EtdDetail ns:CustomDeliveryWindowDetail**
used by	element **RequestedShipment/SpecialServicesRequested**
annotation	documentation These special services are available at the shipment level for some or all service types. If the shipper is requesting a special service which requires additional data (such as the COD amount), the shipment special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.

source

```
<xs:complexType name="ShipmentSpecialServicesRequested">
  <xs:annotation>
    <xs:documentation>These special services are available at the shipment level for some or all service types. If the shipper is requesting a special service which requires additional data (such as the COD amount), the shipment special service type must be present in the specialServiceTypes collection, and the supporting detail must be provided in the appropriate sub-object below.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SpecialServiceTypes" type="ns:ShipmentSpecialServiceType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The types of all special services requested for the enclosing shipment (or other shipment-level transaction).</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="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 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>This field should be populated for pending shipments (e.g. e-mail label) It is required by a PENDING_SHIPMENT special service type.</xs:documentation>
      </xs:annotation>
    </xs:element>
```

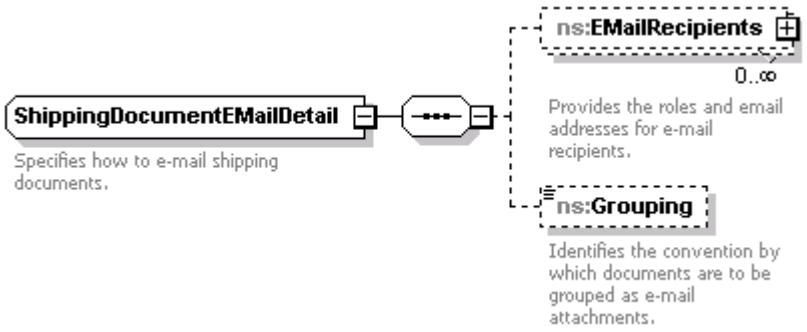
```
    <xs:element name="ShipmentDryIceDetail" type="ns:ShipmentDryIceDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The number of packages with dry ice and the total weight of the dry
ice.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="HomeDeliveryPremiumDetail" 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:element name="FreightGuaranteeDetail" type="ns:FreightGuaranteeDetail" minOccurs="0"/>
    <xs:element name="EtdDetail" type="ns:EtdDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Electronic Trade document references.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CustomDeliveryWindowDetail" type="ns:CustomDeliveryWindowDetail"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specification for date or range of dates on which delivery is to be
attempted.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **ShippingDocumentDispositionDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:DispositionType ns:Grouping ns:EMailDetail ns:PrintDetail**
used by	element **ShippingDocumentFormat/Dispositions**
annotation	documentation Each occurrence of this class specifies a particular way in which a kind of shipping document is to be produced and provided.
source	<xs:complexType name="ShippingDocumentDispositionDetail"> <xs:annotation> <xs:documentation>Each occurrence of this class specifies a particular way in which a kind of shipping document is to be produced and provided.</xs:documentation>

```
  </xs:annotation>
  <xs:sequence>
    <xs:element name="DispositionType" type="ns:ShippingDocumentDispositionType"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Values in this field specify how to create and return the
document.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Grouping" type="ns:ShippingDocumentGroupingType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies how to organize all documents of this type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EMailDetail" type="ns:ShippingDocumentEMailDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies how to e-mail document images.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PrintDetail" type="ns:ShippingDocumentPrintDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies how a queued document is to be printed.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **ShippingDocumentEMailDetail**

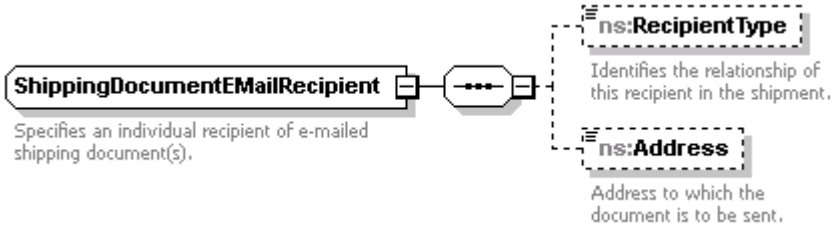
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:EMailRecipients ns:Grouping**
used by	element **ShippingDocumentDispositionDetail/EMailDetail**
annotation	documentation Specifies how to e-mail shipping documents.

source

```
<xs:complexType name="ShippingDocumentEMailDetail">
  <xs:annotation>
    <xs:documentation>Specifies how to e-mail shipping documents.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="EMailRecipients" type="ns:ShippingDocumentEMailRecipient"
minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Provides the roles and email addresses for e-mail
recipients.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Grouping" type="ns:ShippingDocumentEMailGroupingType"
minOccurs="0">
```

```
    <xs:annotation>
      <xs:documentation>Identifies the convention by which documents are to be grouped as e-mail attachments.</xs:documentation>
    </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

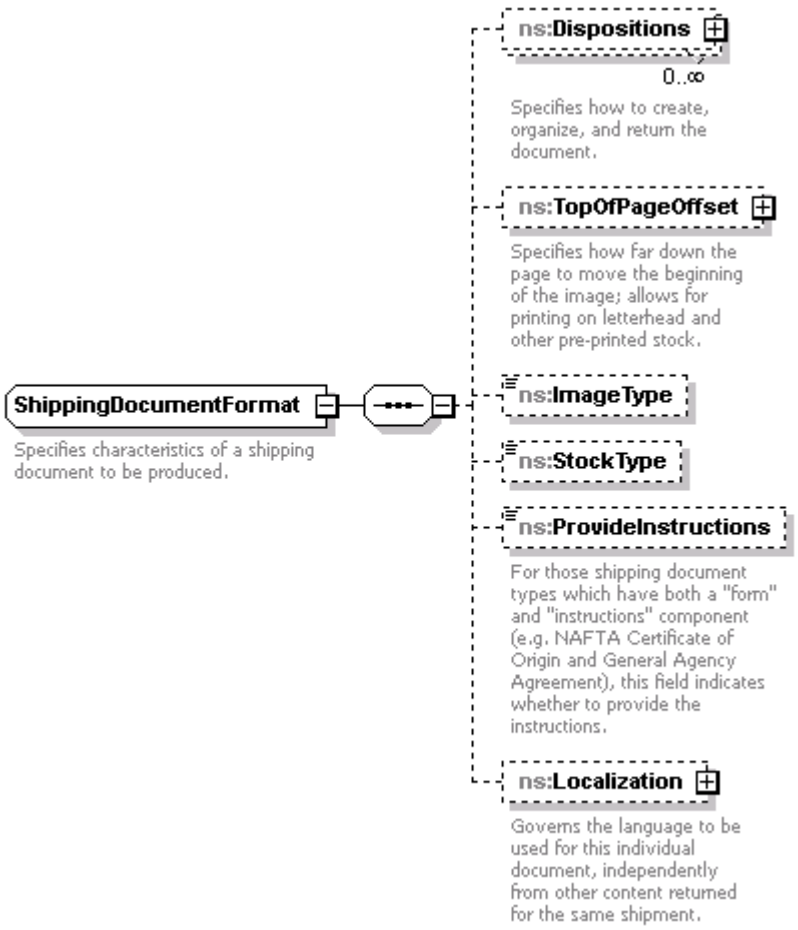
complexType **ShippingDocumentEMailRecipient**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:RecipientType ns:Address**
used by	element **ShippingDocumentEMailDetail/EMailRecipients**
annotation	documentation Specifies an individual recipient of e-mailed shipping document(s).

source

```
<xs:complexType name="ShippingDocumentEMailRecipient">
 <xs:annotation>
  <xs:documentation>Specifies an individual recipient of e-mailed shipping document(s).</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="RecipientType" type="ns:EMailNotificationRecipientType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the relationship of this recipient in the shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Address" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Address to which the document is to be sent.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType **ShippingDocumentFormat**

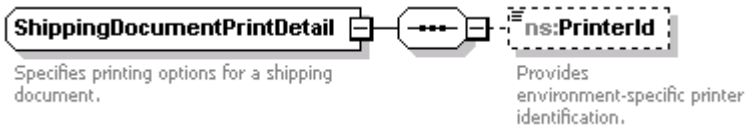
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Dispositions ns:TopOfPageOffset ns:ImageType ns:StockType ns:ProvideInstructions ns:Localization**
used by	elements **CertificateOfOriginDetail/DocumentFormat CommercialInvoiceDetail/Format CustomDocumentDetail/Format GeneralAgencyAgreementDetail/Format NaftaCertificateOfOriginDetail/Format Op900Detail/Format**
annotation	documentation Specifies characteristics of a shipping document to be produced.

source

```
<xs:complexType name="ShippingDocumentFormat">
 <xs:annotation>
  <xs:documentation>Specifies characteristics of a shipping document to be
produced.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="Dispositions" type="ns:ShippingDocumentDispositionDetail" minOccurs="0"
maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Specifies how to create, organize, and return the
document.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TopOfPageOffset" type="ns:LinearMeasure" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Specifies how far down the page to move the beginning of the image;
allows for printing on letterhead and other pre-printed stock.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ImageType" type="ns:ShippingDocumentImageType" minOccurs="0"/>
  <xs:element name="StockType" type="ns:ShippingDocumentStockType" minOccurs="0"/>
  <xs:element name="ProvideInstructions" type="xs:boolean" minOccurs="0">
```

```
      <xs:annotation>
        <xs:documentation>For those shipping document types which have both a "form" and
"instructions" component (e.g. NAFTA Certificate of Origin and General Agency Agreement), this
field indicates whether to provide the instructions.</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>
```

complexType **ShippingDocumentPrintDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:PrinterId**
used by	element **ShippingDocumentDispositionDetail/PrintDetail**
annotation	documentation Specifies printing options for a shipping document.
source	<xs:complexType name="ShippingDocumentPrintDetail"> <xs:annotation> <xs:documentation>Specifies printing options for a shipping document.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PrinterId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Provides environment-specific printer identification.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **ShippingDocumentSpecification**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:ShippingDocumentTypes ns:CertificateOfOrigin ns:CommercialInvoiceDetail ns:CustomPackageDocumentDetail ns:CustomShipmentDocumentDetail ns:GeneralAgencyAgreementDetail ns:NaftaCertificateOfOriginDetail ns:Op900Detail**
used by	element **RequestedShipment/ShippingDocumentSpecification**
annotation	documentation Contains all data required for additional (non-label) shipping documents to be produced in conjunction with a specific shipment.

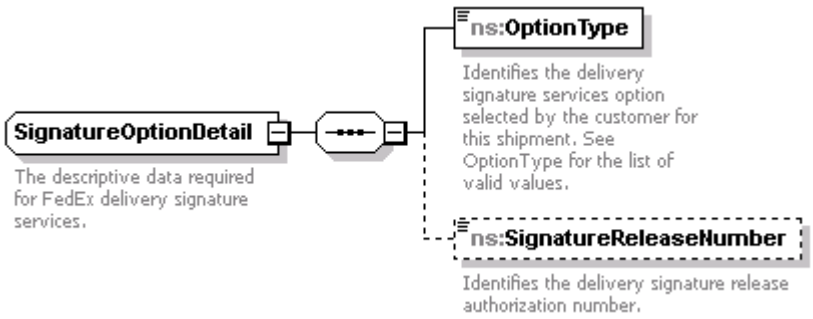
source

```
<xs:complexType name="ShippingDocumentSpecification">
  <xs:annotation>
    <xs:documentation>Contains all data required for additional (non-label) shipping documents to be produced in conjunction with a specific shipment.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="ShippingDocumentTypes" type="ns:RequestedShippingDocumentType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Indicates the types of shipping documents requested by the shipper.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CertificateOfOrigin" type="ns:CertificateOfOriginDetail" minOccurs="0"/>
    <xs:element name="CommercialInvoiceDetail" type="ns:CommercialInvoiceDetail" minOccurs="0"/>
    <xs:element name="CustomPackageDocumentDetail" type="ns:CustomDocumentDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the production of each package-level custom document (the same specification is used for all packages).</xs:documentation>
      </xs:annotation>
```

```
    </xs:element>
    <xs:element name="CustomShipmentDocumentDetail" type="ns:CustomDocumentDetail"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the production of a shipment-level custom
document.</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="NaftaCertificateOfOriginDetail" type="ns:NaftaCertificateOfOriginDetail"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Details pertaining to NAFTA COO.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Op900Detail" type="ns:Op900Detail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the production of the OP-900 document for hazardous materials
packages.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **SignatureOptionDetail**

diagram



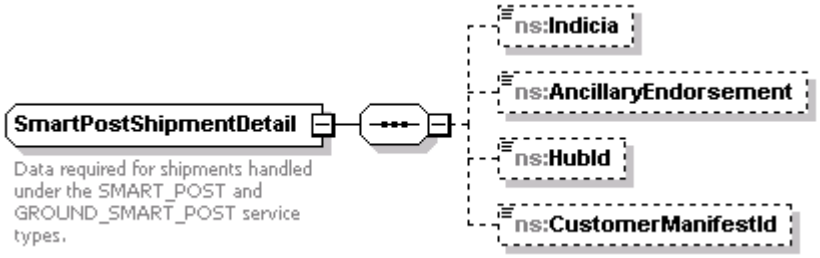
namespace	http://fedex.com/ws/rate/v9
children	**ns:OptionType ns:SignatureReleaseNumber**
used by	element **PackageSpecialServicesRequested/SignatureOptionDetail**
annotation	documentation The descriptive data required for FedEx delivery signature services.

source

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

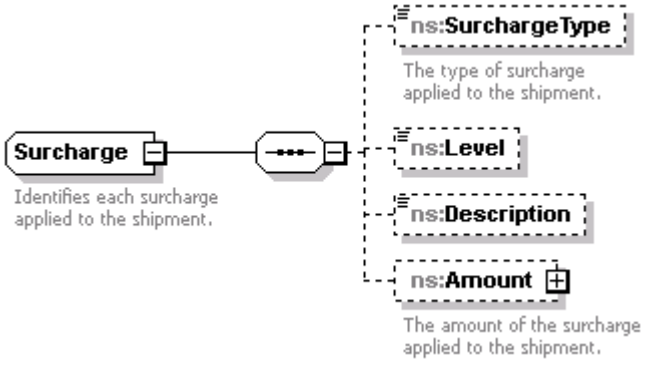
complexType **SmartPostShipmentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Indicia ns:AncillaryEndorsement 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

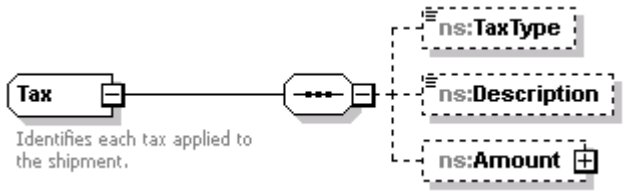
```
<xs:complexType name="SmartPostShipmentDetail">
  <xs:annotation>
    <xs:documentation>Data required for shipments handled under the SMART_POST and
GROUND_SMART_POST service types.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Indicia" type="ns:SmartPostIndiciaType" minOccurs="0"/>
    <xs:element name="AncillaryEndorsement" type="ns:SmartPostAncillaryEndorsementType"
minOccurs="0"/>
    <xs:element name="HubId" type="xs:string" minOccurs="0"/>
    <xs:element name="CustomerManifestId" type="xs:string" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **Surcharge**

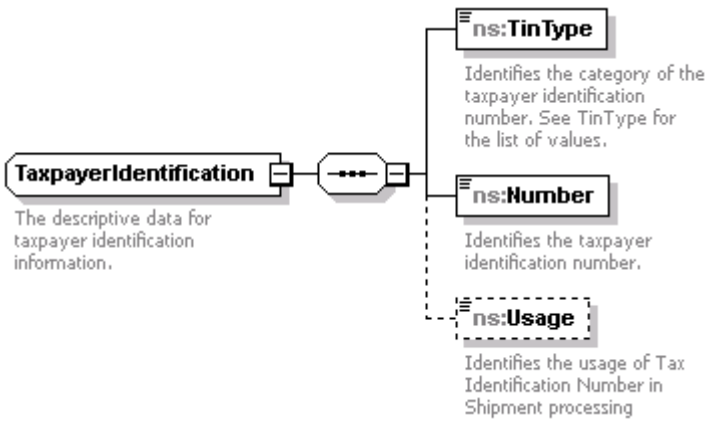
diagram	
namespace	http://fedex.com/ws/rate/v9

children	**ns:SurchargeType ns:Level ns:Description ns:Amount**
used by	elements **PackageRateDetail/Surcharges ShipmentRateDetail/Surcharges**
annotation	documentation Identifies each surcharge applied to the shipment.
source	<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:element name="Description" type="xs:string" minOccurs="0"/> <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>

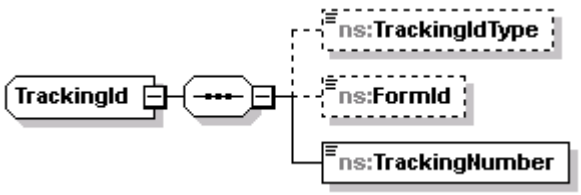
complexType **Tax**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:TaxType ns:Description ns:Amount**
used by	elements **PackageRateDetail/Taxes ShipmentRateDetail/Taxes**
annotation	documentation Identifies each tax applied to the shipment.
source	<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:element name="Description" type="xs:string" minOccurs="0"/> <xs:element name="Amount" type="ns:Money" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **TaxpayerIdentification**

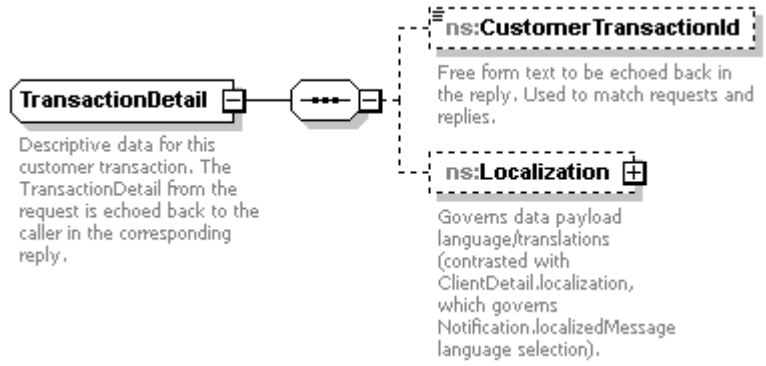
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:TinType ns:Number ns:Usage**
used by	element **Party/Tins**
annotation	documentation The descriptive data for taxpayer identification information.
source	<xs:complexType name="TaxpayerIdentification"> <xs:annotation> <xs:documentation>The descriptive 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:appinfo> <xs:MaxLength>18</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="Usage" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the usage of Tax Identification Number in Shipment processing</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **TrackingId**

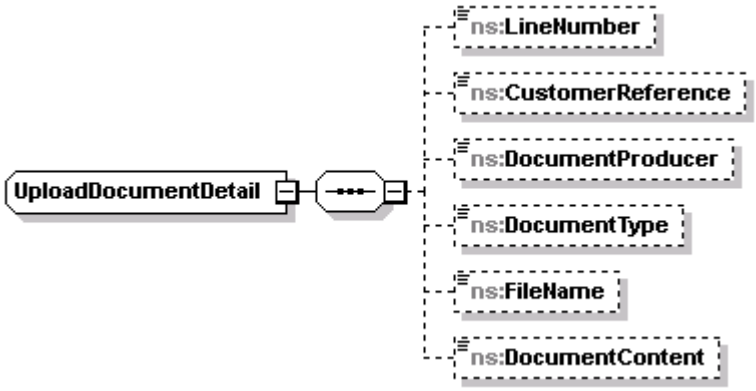
diagram	

namespace	http://fedex.com/ws/rate/v9
children	**ns:TrackingIdType ns:FormId ns:TrackingNumber**
used by	element **RatedPackageDetail/TrackingIds**
source	<xs:complexType name="TrackingId"> <xs:sequence> <xs:element name="TrackingIdType" type="ns:TrackingIdType" minOccurs="0"/> <xs:element name="FormId" type="xs:string" minOccurs="0"/> <xs:element name="TrackingNumber" type="xs:string"/> </xs:sequence> </xs:complexType>

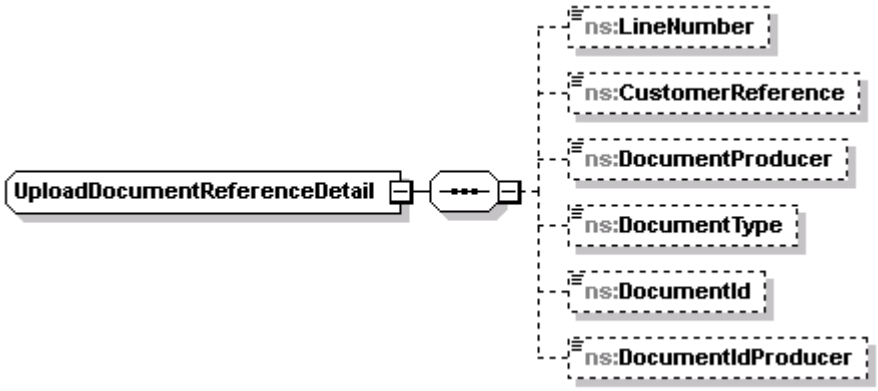
complexType **TransactionDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:CustomerTransactionId ns:Localization**
used by	elements **RateReply/TransactionDetail RateRequest/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	<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>Free form text to be echoed back in the reply. Used to match requests and 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 data payload language/translations (contrasted with ClientDetail.localization, which governs Notification.localizedMessage language selection).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **UploadDocumentDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:LineNumber ns:CustomerReference ns:DocumentProducer ns:DocumentType ns:FileName ns:DocumentContent**
used by	element **EtdDetail/Documents**
source	<xs:complexType name="UploadDocumentDetail"> <xs:sequence> <xs:element name="LineNumber" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="CustomerReference" type="xs:string" minOccurs="0"/> <xs:element name="DocumentProducer" type="ns:UploadDocumentProducerType" minOccurs="0"/> <xs:element name="DocumentType" type="ns:UploadDocumentType" minOccurs="0"/> <xs:element name="FileName" type="xs:string" minOccurs="0"/> <xs:element name="DocumentContent" type="xs:base64Binary" minOccurs="0"/> </xs:sequence> </xs:complexType>

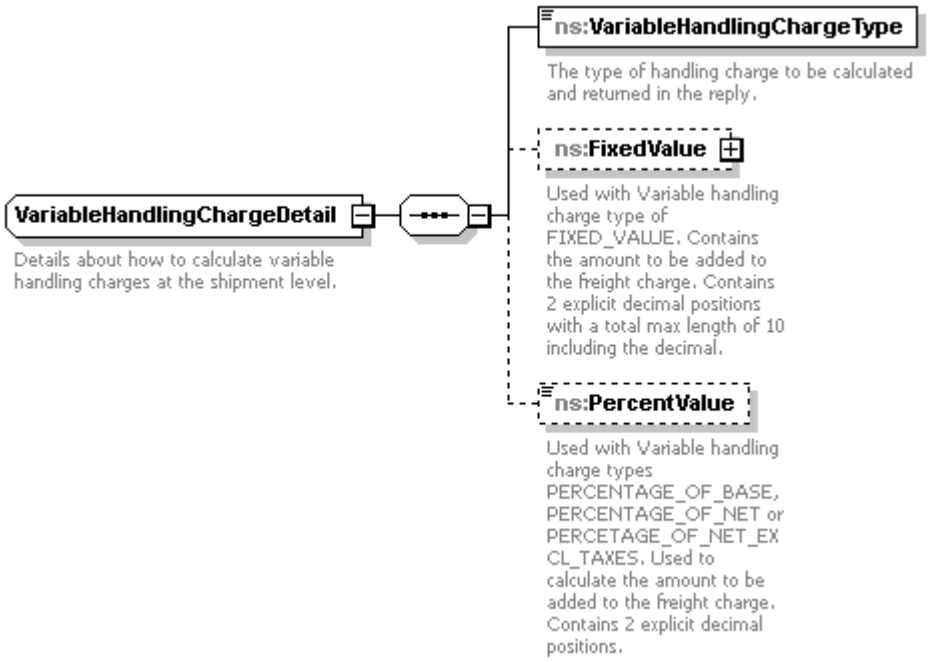
complexType **UploadDocumentReferenceDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:LineNumber ns:CustomerReference ns:DocumentProducer ns:DocumentType ns:DocumentId ns:DocumentIdProducer**
used by	element **EtdDetail/DocumentReferences**
source	<xs:complexType name="UploadDocumentReferenceDetail"> <xs:sequence> <xs:element name="LineNumber" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="CustomerReference" type="xs:string" minOccurs="0"/> <xs:element name="DocumentProducer" type="ns:UploadDocumentProducerType" minOccurs="0"/> <xs:element name="DocumentType" type="ns:UploadDocumentType" minOccurs="0"/> <xs:element name="DocumentId" type="xs:string" minOccurs="0"/>

```
    <xs:element name="DocumentIdProducer" type="ns:UploadDocumentIdProducer"
minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **VariableHandlingChargeDetail**

diagram



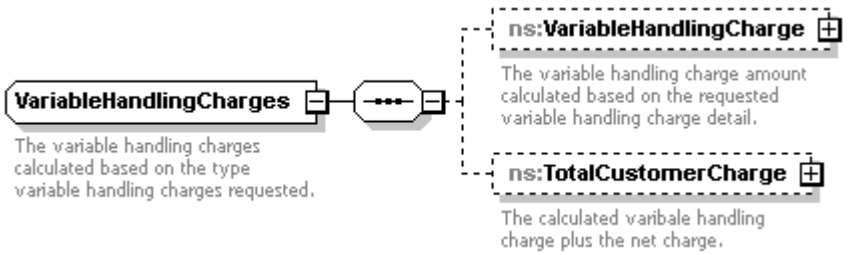
namespace	http://fedex.com/ws/rate/v9
children	**ns:VariableHandlingChargeType ns:FixedValue ns:PercentValue**
used by	elements **RequestedPackageLineItem/VariableHandlingChargeDetail** **RequestedShipment/VariableHandlingChargeDetail**
annotation	documentation Details about how to calculate variable handling charges at the shipment level.

source

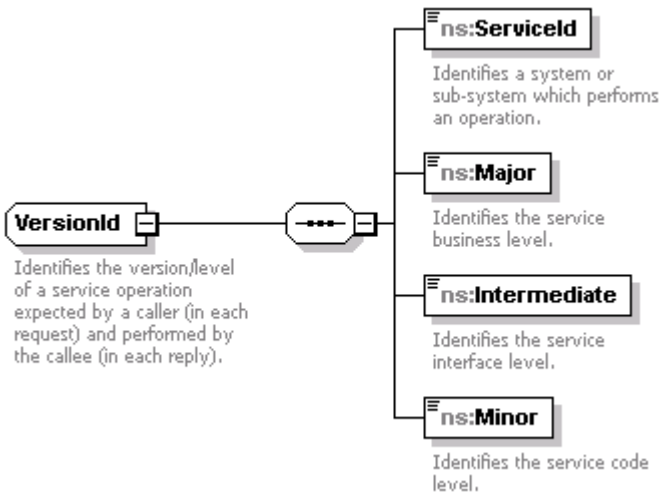
```
<xs:complexType name="VariableHandlingChargeDetail">
  <xs:annotation>
    <xs:documentation>Details about how to calculate variable handling charges at the shipment
level.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="VariableHandlingChargeType" type="ns:VariableHandlingChargeType">
      <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">
      <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 PERCETAGE_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>
```

complexType **VariableHandlingCharges**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:VariableHandlingCharge ns:TotalCustomerCharge**
used by	elements **ShipmentRateDetail/TotalVariableHandlingCharges PackageRateDetail/VariableHandlingCharges ShipmentRateDetail/VariableHandlingCharges**
annotation	documentation The variable handling charges calculated based on the type variable handling charges requested.
source	<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> <xs:documentation>The calculated varibale handling charge plus the net charge.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

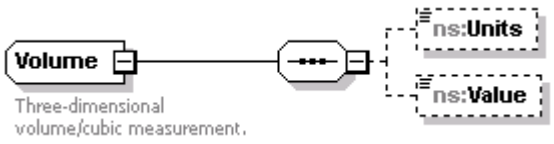
complexType **VersionId**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:ServiceId ns:Major ns:Intermediate ns:Minor**
used by	elements **RateReply/Version RateRequest/Version**
annotation	documentation Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).

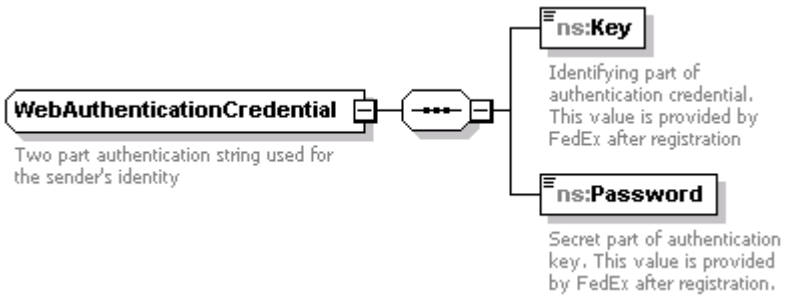
source

```
<xs:complexType name="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: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="9">
   <xs:annotation>
    <xs:documentation>Identifies the service business level.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Intermediate" type="xs:int" fixed="0">
   <xs:annotation>
    <xs:documentation>Identifies the service interface level.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Minor" type="xs:int" fixed="0">
   <xs:annotation>
    <xs:documentation>Identifies the service code level.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType **Volume**

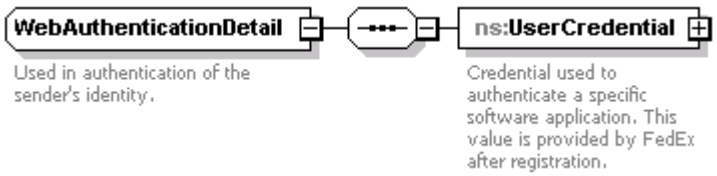
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Units ns:Value**
used by	element **FreightShipmentLineItem/Volume**
annotation	documentation Three-dimensional volume/cubic measurement.
source	<xs:complexType name="Volume"> <xs:annotation> <xs:documentation>Three-dimensional volume/cubic measurement.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Units" type="ns:VolumeUnits" minOccurs="0"/> <xs:element name="Value" type="xs:decimal" minOccurs="0"/> </xs:sequence> </xs:complexType>

complexType **WebAuthenticationCredential**

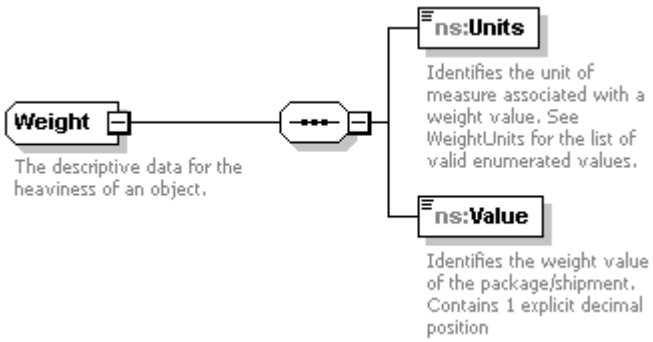
diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:Key ns:Password**
used by	element **WebAuthenticationDetail/UserCredential**
annotation	documentation Two part authentication string used for the sender's identity
source	<xs:complexType name="WebAuthenticationCredential"> <xs:annotation> <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>
```

complexType **WebAuthenticationDetail**

diagram	
namespace	http://fedex.com/ws/rate/v9
children	**ns:UserCredential**
used by	element **RateRequest/WebAuthenticationDetail**
annotation	documentation Used in authentication of the sender's identity.
source	<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>

complexType **Weight**

diagram	
namespace	http://fedex.com/ws/rate/v9
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

```
<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">
      <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>
```

simpleType **AdditionalLabelsType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **B13AFilingOptionType**

namespace	http://fedex.com/ws/rate/v9
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> </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>

simpleType **BarcodeSymbologyType**

namespace	http://fedex.com/ws/rate/v9
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
annotation	documentation Identification of the type of barcode (symbology) used on FedEx documents and labels.
source	<xs:simpleType name="BarcodeSymbologyType"> <xs:annotation> <xs:documentation>Identification of the type of barcode (symbology) used on FedEx documents and labels.</xs:documentation> </xs:annotation> <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>
```

simpleType **CarrierCodeType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **RateRequest/CarrierCodes**
facets	Kind / Value / annotation enumeration FDXC enumeration FDXE enumeration FDXG enumeration FXCC enumeration FXFR enumeration FXSP
annotation	documentation Identification of a FedEx operating company (transportation).

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

simpleType **ClearanceBrokerageType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomsClearanceDetail/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	`<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>
```

simpleType **CodAddTransportationChargesType**

namespace	http://fedex.com/ws/rate/v9
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_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

```
<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_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>
```

simpleType **CodCollectionType**

namespace	http://fedex.com/ws/rate/v9
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 shipment delivery.
source	<xs:simpleType name="CodCollectionType"> <xs:annotation> <xs:documentation>Identifies the type of funds FedEx should collect upon shipment 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>

simpleType **CodReturnReferenceIndicatorType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **CommitmentDelayType**

namespace	http://fedex.com/ws/rate/v9
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 The type of delay this shipment will encounter.
source	<xs:simpleType name="CommitmentDelayType"> <xs:annotation> <xs:documentation>The type of delay this shipment will encounter.</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>

simpleType **CustomDeliveryWindowType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomDeliveryWindowDetail/Type**
facets	Kind Value annotation enumeration AFTER enumeration BEFORE enumeration BETWEEN enumeration ON
source	<xs:simpleType name="CustomDeliveryWindowType"> <xs:restriction base="xs:string"> <xs:enumeration value="AFTER"/> <xs:enumeration value="BEFORE"/> <xs:enumeration value="BETWEEN"/> <xs:enumeration value="ON"/> </xs:restriction> </xs:simpleType>

simpleType **CustomerImageUsageType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomerImageUsage/Type**
facets	Kind Value annotation enumeration LETTER_HEAD enumeration SIGNATURE
source	<xs:simpleType name="CustomerImageUsageType">

```
  <xs:restriction base="xs:string">
    <xs:enumeration value="LETTER_HEAD"/>
    <xs:enumeration value="SIGNATURE"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **CustomerReferenceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **CustomerReference/CustomerReferenceType Op900Detail/Reference**

facets

Kind	Value	annotation
enumeration	BILL_OF_LADING	
enumeration	CUSTOMER_REFERENCE	
enumeration	DEPARTMENT_NUMBER	
enumeration	ELECTRONIC_PRODUCT_CODE	
enumeration	INTRACOUNTRY_REGULATORY_REFERENCE	
enumeration	INVOICE_NUMBER	
enumeration	P_O_NUMBER	
enumeration	SHIPMENT_INTEGRITY	
enumeration	STORE_NUMBER	

source

```
<xs:simpleType name="CustomerReferenceType">
  <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="INTRACOUNTRY_REGULATORY_REFERENCE"/>
    <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>
```

simpleType **CustomLabelCoordinateUnits**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomLabelDetail/CoordinateUnits**

facets

Kind	Value	annotation
enumeration	MILS	
enumeration	PIXELS	

source

```
<xs:simpleType name="CustomLabelCoordinateUnits">
  <xs:restriction base="xs:string">
    <xs:enumeration value="MILS"/>
    <xs:enumeration value="PIXELS"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **DangerousGoodsAccessibilityType**

namespace	http://fedex.com/ws/rate/v9

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	<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>

simpleType **DayOfWeekType**

namespace	http://fedex.com/ws/rate/v9
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
source	<xs:simpleType name="DayOfWeekType"> <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>

simpleType **DelayLevelType**

namespace	http://fedex.com/ws/rate/v9
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 The attribute of the shipment that caused the delay(e.g. Country, City, LocationId, Zip, service area, special handling)
source	<xs:simpleType name="DelayLevelType"> <xs:annotation> <xs:documentation>The attribute of the shipment that caused the delay(e.g. Country, City, LocationId, Zip, service area, special handling)</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>

simpleType **DelayPointType**

namespace	http://fedex.com/ws/rate/v9
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 The point where the delay is occurring (e.g. Origin, Destination, Broker location).
source	<xs:simpleType name="DelayPointType"> <xs:annotation> <xs:documentation>The point where the delay is occurring (e.g. Origin, Destination, Broker location).</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="BROKER"/> <xs:enumeration value="DESTINATION"/> <xs:enumeration value="ORIGIN"/> <xs:enumeration value="ORIGIN_DESTINATION_PAIR"/> <xs:enumeration value="PROOF_OF_DELIVERY_POINT"/> </xs:restriction> </xs:simpleType>

simpleType **DestinationControlStatementType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **DestinationControlDetail/StatementTypes**
facets	Kind Value annotation enumeration DEPARTMENT_OF_COMMERCE enumeration DEPARTMENT_OF_STATE

annotation	documentation Used to indicate whether the Destination Control Statement is of type Department of Commerce, Department of State or both.
source	<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>

simpleType **DistanceUnits**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Distance/Units**
facets	Kind Value annotation enumeration KM enumeration MI
source	<xs:simpleType name="DistanceUnits"> <xs:restriction base="xs:string"> <xs:enumeration value="KM"/> <xs:enumeration value="MI"/> </xs:restriction> </xs:simpleType>

simpleType **DocTabContentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **DocTabContent/DocTabContentType**
facets	Kind Value annotation enumeration BARCODED enumeration MINIMUM enumeration STANDARD enumeration ZONE001
source	<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>

simpleType **DocTabZoneJustificationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **DocTabZoneSpecification/Justification**

facets	Kind / Value / annotation enumeration LEFT enumeration RIGHT
source	<xs:simpleType name="DocTabZoneJustificationType"> <xs:restriction base="xs:string"> <xs:enumeration value="LEFT"/> <xs:enumeration value="RIGHT"/> </xs:restriction> </xs:simpleType>

simpleType **DropoffType**

namespace	http://fedex.com/ws/rate/v9
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	<xs:simpleType name="DropoffType"> <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.</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>

simpleType **EdtRequestType**

namespace	http://fedex.com/ws/rate/v9
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	<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>
```

simpleType **EdtTaxType**

namespace	http://fedex.com/ws/rate/v9
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	

source

```
<xs:simpleType name="EdtTaxType">
  <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>
```

simpleType **EMailNotificationFormatType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **EMailNotificationRecipient/Format**

facets

Kind	Value	annotation
enumeration	HTML	
enumeration	TEXT	
enumeration	WIRELESS	

annotation	documentation The format of the email.
source	<xs:simpleType name="EMailNotificationFormatType"> <xs:annotation> <xs:documentation>The format of the email.</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>

simpleType **EMailNotificationRecipientType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **EMailNotificationRecipient/EMailNotificationRecipientType** **ShippingDocumentEMailRecipient/RecipientType**
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 asssociated 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="EMailNotificationRecipientType"> <xs:annotation> <xs:documentation>Identifies the set of valid email notification recipient types. For SHIPPER, RECIPIENT and BROKER the email address asssociated 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>

simpleType **ExpressRegionCode**

namespace	http://fedex.com/ws/rate/v9
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	<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:enumeration value="EMEA"/>
  <xs:enumeration value="LAC"/>
  <xs:enumeration value="US"/>
</xs:restriction>
</xs:simpleType>
```

simpleType **FedExLocationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **HoldAtLocationDetail/LocationType**
facets	Kind / Value / annotation enumeration FEDEX_EXPRESS_STATION enumeration FEDEX_GROUND_TERMINAL enumeration FEDEX_OFFICE
annotation	documentation Identifies a kind of FedEx facility.
source	<xs:simpleType name="FedExLocationType"> <xs:annotation> <xs:documentation>Identifies a kind of FedEx facility.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FEDEX_EXPRESS_STATION"/> <xs:enumeration value="FEDEX_GROUND_TERMINAL"/> <xs:enumeration value="FEDEX_OFFICE"/> </xs:restriction> </xs:simpleType>

simpleType **FlatbedTrailerOption**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **FlatbedTrailerDetail/Options**
facets	Kind / Value / annotation enumeration OVER_DIMENSION enumeration TARP
source	<xs:simpleType name="FlatbedTrailerOption"> <xs:restriction base="xs:string"> <xs:enumeration value="OVER_DIMENSION"/> <xs:enumeration value="TARP"/> </xs:restriction> </xs:simpleType>

simpleType **FreightAccountPaymentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **FreightShipmentDetail/PaymentType FreightSpecialServicePayment/PaymentType**

facets	Kind Value annotation enumeration COLLECT enumeration PREPAID
source	<xs:simpleType name="FreightAccountPaymentType"> <xs:restriction base="xs:string"> <xs:enumeration value="COLLECT"/> <xs:enumeration value="PREPAID"/> </xs:restriction> </xs:simpleType>

simpleType **FreightBaseChargeCalculationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **FreightRateDetail/BaseChargeCalculation**
facets	Kind Value annotation enumeration LINE_ITEMS enumeration UNIT_PRICING
source	<xs:simpleType name="FreightBaseChargeCalculationType"> <xs:restriction base="xs:string"> <xs:enumeration value="LINE_ITEMS"/> <xs:enumeration value="UNIT_PRICING"/> </xs:restriction> </xs:simpleType>

simpleType **FreightChargeBasisType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **FreightBaseCharge/ChargeBasis**
facets	Kind Value annotation enumeration CWT enumeration FLAT enumeration MINIMUM
source	<xs:simpleType name="FreightChargeBasisType"> <xs:restriction base="xs:string"> <xs:enumeration value="CWT"/> <xs:enumeration value="FLAT"/> <xs:enumeration value="MINIMUM"/> </xs:restriction> </xs:simpleType>

simpleType **FreightClassType**

namespace	http://fedex.com/ws/rate/v9
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> <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>

simpleType **FreightGuaranteeType**

namespace	http://fedex.com/ws/rate/v9
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

source	<xs:simpleType name="FreightGuaranteeType"> <xs:restriction base="xs:string"> <xs:enumeration value="GUARANTEED_DATE"/> <xs:enumeration value="GUARANTEED_MORNING"/> <xs:enumeration value="GUARANTEED_TIME"/> </xs:restriction> </xs:simpleType>

simpleType **FreightOnValueType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomsClearanceDetail/FreightOnValue**
facets	Kind / Value / annotation enumeration CARRIER_RISK enumeration OWN_RISK
annotation	documentation Identifies responsibilities with respect to loss, damage, etc.
source	<xs:simpleType name="FreightOnValueType"> <xs:annotation> <xs:documentation>Identifies responsibilities with respect to loss, damage, etc.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CARRIER_RISK"/> <xs:enumeration value="OWN_RISK"/> </xs:restriction> </xs:simpleType>

simpleType **FreightServiceSchedulingType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **FreightShipmentRoleType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **HazardousCommodityLabelTextOptionType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **HazardousCommodityOptionDetail/LabelTextOption**
facets	Kind / Value / annotation enumeration APPEND enumeration OVERRIDE enumeration STANDARD
annotation	documentation Specifies how the commodity is to be labeled.
source	<xs:simpleType name="HazardousCommodityLabelTextOptionType"> <xs:annotation> <xs:documentation>Specifies how the commodity is to be labeled.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="APPEND"/> <xs:enumeration value="OVERRIDE"/> <xs:enumeration value="STANDARD"/> </xs:restriction> </xs:simpleType>

simpleType **HazardousCommodityOptionType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **DangerousGoodsDetail/Options**
facets	Kind / Value / annotation enumeration HAZARDOUS_MATERIALS enumeration LITHIUM_BATTERY_EXCEPTION enumeration ORM_D enumeration REPORTABLE_QUANTITIES

	enumeration SMALL_QUANTITY_EXCEPTION
annotation	documentation Indicates which kind of hazardous content (as defined by DOT) is being reported.
source	<xs:simpleType name="HazardousCommodityOptionType"> <xs:annotation> <xs:documentation>Indicates which kind of hazardous content (as defined by DOT) is being reported.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="HAZARDOUS_MATERIALS"/> <xs:enumeration value="LITHIUM_BATTERY_EXCEPTION"/> <xs:enumeration value="ORM_D"/> <xs:enumeration value="REPORTABLE_QUANTITIES"/> <xs:enumeration value="SMALL_QUANTITY_EXCEPTION"/> </xs:restriction> </xs:simpleType>

simpleType **HazardousCommodityPackingGroupType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **HazardousCommodityDescription/PackingGroup**
facets	Kind Value annotation enumeration I enumeration II enumeration III
annotation	documentation Identifies DOT packing group for a hazardous commodity.
source	<xs:simpleType name="HazardousCommodityPackingGroupType"> <xs:annotation> <xs:documentation>Identifies DOT packing group for a hazardous commodity.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="I"/> <xs:enumeration value="II"/> <xs:enumeration value="III"/> </xs:restriction> </xs:simpleType>

simpleType **HomeDeliveryPremiumType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **HomeDeliveryPremiumDetail/HomeDeliveryPremiumType**
facets	Kind Value annotation enumeration APPOINTMENT enumeration DATE_CERTAIN enumeration EVENING
source	<xs:simpleType name="HomeDeliveryPremiumType"> <xs:restriction base="xs:string"> <xs:enumeration value="APPOINTMENT"/> <xs:enumeration value="DATE_CERTAIN"/> <xs:enumeration value="EVENING"/> </xs:restriction> </xs:simpleType>

simpleType **ImageId**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomerImageUsage/Id**
facets	Kind Value annotation enumeration IMAGE_1 enumeration IMAGE_2 enumeration IMAGE_3 enumeration IMAGE_4 enumeration IMAGE_5
source	<xs:simpleType name="ImageId"> <xs:restriction base="xs:string"> <xs:enumeration value="IMAGE_1"/> <xs:enumeration value="IMAGE_2"/> <xs:enumeration value="IMAGE_3"/> <xs:enumeration value="IMAGE_4"/> <xs:enumeration value="IMAGE_5"/> </xs:restriction> </xs:simpleType>

simpleType **InternationalDocumentContentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **CommitDetail/DocumentContent CustomsClearanceDetail/DocumentContent**
facets	Kind Value annotation enumeration DOCUMENTS_ONLY enumeration NON_DOCUMENTS
annotation	documentation The type of International shipment.
source	<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>

simpleType **LabelFormatType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **LabelSpecification/LabelFormatType**
facets	Kind Value annotation enumeration COMMON2D enumeration LABEL_DATA_ONLY enumeration MAILROOM enumeration NO_LABEL enumeration PRE_COMMON2D

annotation	documentation Specifies the type of label to be returned.
source	<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>

simpleType **LabelMaskableDataType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **LabelPrintingOrientationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**

used by	elements **CustomDocumentDetail/LabelPrintingOrientation 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	<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>

simpleType **LabelRotationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **CustomDocumentDetail/LabelRotation LabelSpecification/LabelRotation**
facets	Kind Value annotation enumeration LEFT enumeration NONE enumeration RIGHT enumeration UPSIDE_DOWN
annotation	documentation Relative to normal orientation for the printer. RIGHT=90 degrees clockwise, UPSIDE_DOWN=180 degrees, LEFT=90 degrees counterclockwise.
source	<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="LEFT"/> <xs:enumeration value="NONE"/> <xs:enumeration value="RIGHT"/> <xs:enumeration value="UPSIDE_DOWN"/> </xs:restriction> </xs:simpleType>

simpleType **LabelStockType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **LiabilityCoverageType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **LiabilityCoverageDetail/CoverageType**
facets	Kind Value annotation enumeration NEW enumeration USED_OR_RECONDITIONED
source	<xs:simpleType name="LiabilityCoverageType"> <xs:restriction base="xs:string"> <xs:enumeration value="NEW"/> <xs:enumeration value="USED_OR_RECONDITIONED"/> </xs:restriction> </xs:simpleType>

simpleType **LinearUnits**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **Dimensions/Units LinearMeasure/Units**
facets	Kind Value annotation enumeration CM enumeration IN
annotation	documentation CM = centimeters, IN = inches
source	<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>
```

simpleType **MinimumChargeType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **PackageRateDetail/MinimumChargeType ShipmentRateDetail/MinimumChargeType**
facets	Kind / Value / annotation enumeration CUSTOMER enumeration CUSTOMER_FREIGHT_WEIGHT enumeration EARNED_DISCOUNT enumeration MIXED enumeration RATE_SCALE
annotation	documentation Internal FedEx use only.
source	<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="MIXED"/> <xs:enumeration value="RATE_SCALE"/> </xs:restriction> </xs:simpleType>

simpleType **NaftaImporterSpecificationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **NaftaCertificateOfOriginDetail/ImporterSpecification**
facets	Kind / Value / annotation enumeration IMPORTER_OF_RECORD enumeration RECIPIENT enumeration UNKNOWN enumeration VARIOUS
source	<xs:simpleType name="NaftaImporterSpecificationType"> <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>

simpleType **NaftaNetCostMethodCode**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **NaftaPreferenceCriterionCode**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **NaftaProducerDeterminationCode**

namespace	http://fedex.com/ws/rate/v9

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	<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>

simpleType **NaftaProducerSpecificationType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **NaftaCertificateOfOriginDetail/ProducerSpecification**
facets	Kind / Value / annotation enumeration AVAILABLE_UPON_REQUEST enumeration MULTIPLE_SPECIFIED enumeration SAME enumeration SINGLE_SPECIFIED enumeration UNKNOWN
source	<xs:simpleType name="NaftaProducerSpecificationType"> <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>

simpleType **NotificationSeverityType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **RateReply/HighestSeverity Notification/Severity**
facets	Kind / Value / annotation enumeration ERROR enumeration FAILURE enumeration NOTE enumeration SUCCESS enumeration WARNING

annotation	documentation Identifies the set of severity values for a Notification.
source	<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="ERROR"/> <xs:enumeration value="FAILURE"/> <xs:enumeration value="NOTE"/> <xs:enumeration value="SUCCESS"/> <xs:enumeration value="WARNING"/> </xs:restriction> </xs:simpleType>

simpleType **OversizeClassType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **PackageSpecialServiceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **PackageSpecialServicesRequested/SpecialServiceTypes**
facets	Kind / Value / annotation enumeration APPOINTMENT_DELIVERY enumeration COD 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	<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="COD"/>
    <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>
```

simpleType **PackagingType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **RateReplyDetail/PackagingType RequestedShipment/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	<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>

simpleType **PaymentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Payment/PaymentType**
facets	Kind / Value / annotation enumeration SENDER
annotation	documentation Identifies the method of payment for a service.
source	<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>
```

simpleType **PendingShipmentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **PendingShipmentDetail/Type**
facets	Kind Value annotation enumeration EMAIL
source	<xs:simpleType name="PendingShipmentType"> <xs:restriction base="xs:string"> <xs:enumeration value="EMAIL"/> </xs:restriction> </xs:simpleType>

simpleType **PhysicalPackagingType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **FreightShipmentLineItem/Packaging RequestedPackageLineItem/PhysicalPackaging**
facets	Kind Value annotation enumeration BAG 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	<xs:simpleType name="PhysicalPackagingType"> <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>

simpleType **PickupRequestSourceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **PickupDetail/RequestSource**
facets	Kind Value annotation enumeration AUTOMATION enumeration CUSTOMER_SERVICE
source	<xs:simpleType name="PickupRequestSourceType"> <xs:restriction base="xs:string"> <xs:enumeration value="AUTOMATION"/> <xs:enumeration value="CUSTOMER_SERVICE"/> </xs:restriction> </xs:simpleType>

simpleType **PickupRequestType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **PickupDetail/RequestType**
facets	Kind Value annotation enumeration FUTURE_DAY enumeration SAME_DAY
source	<xs:simpleType name="PickupRequestType"> <xs:restriction base="xs:string"> <xs:enumeration value="FUTURE_DAY"/>

```
    <xs:enumeration value="SAME_DAY"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **PricingCodeType**

namespace	http://fedex.com/ws/rate/v9
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

```
<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"/>
    <xs:enumeration value="SHIPMENT"/>
    <xs:enumeration value="SHIPMENT_FIVE_POUND_OPTIONAL"/>
    <xs:enumeration value="SHIPMENT_OPTIONAL"/>
    <xs:enumeration value="SPECIAL"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **PurposeOfShipmentType**

namespace	http://fedex.com/ws/rate/v9
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	

source	<xs:simpleType name="PurposeOfShipmentType"> <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>

simpleType **RateDimensionalDivisorType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ShipmentRateDetail/DimDivisorType**
facets	Kind / Value / annotation enumeration COUNTRY enumeration CUSTOMER enumeration OTHER enumeration PRODUCT enumeration WAIVED
annotation	documentation Identifies the type of dim divisor that was applied.
source	<xs:simpleType name="RateDimensionalDivisorType"> <xs:annotation> <xs:documentation>Identifies the type of dim divisor that was applied.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="COUNTRY"/> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="PRODUCT"/> <xs:enumeration value="WAIVED"/> </xs:restriction> </xs:simpleType>

simpleType **RateDiscountType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **RateDiscount/RateDiscountType**
facets	Kind / Value / annotation enumeration BONUS enumeration COUPON enumeration EARNED enumeration OTHER enumeration VOLUME
annotation	documentation Identifies the type of discount applied to the shipment.
source	<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="COUPON"/>
    <xs:enumeration value="EARNED"/>
    <xs:enumeration value="OTHER"/>
    <xs:enumeration value="VOLUME"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **RatedWeightMethod**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **PackageRateDetail/RatedWeightMethod ShipmentRateDetail/RatedWeightMethod**

facets

Kind	Value	annotation
enumeration	ACTUAL	
enumeration	AVERAGE_PACKAGE_WEIGHT_MINIMUM	
enumeration	BALLOON	
enumeration	DIM	
enumeration	FREIGHT_MINIMUM	
enumeration	MIXED	
enumeration	OVERSIZE	
enumeration	OVERSIZE_1	
enumeration	OVERSIZE_2	
enumeration	OVERSIZE_3	
enumeration	PACKAGING_MINIMUM	
enumeration	WEIGHT_BREAK	

annotation

documentation
The method used to calculate the weight to be used in rating the package..

source

```
<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="AVERAGE_PACKAGE_WEIGHT_MINIMUM"/>
    <xs:enumeration value="BALLOON"/>
    <xs:enumeration value="DIM"/>
    <xs:enumeration value="FREIGHT_MINIMUM"/>
    <xs:enumeration value="MIXED"/>
    <xs:enumeration value="OVERSIZE"/>
    <xs:enumeration value="OVERSIZE_1"/>
    <xs:enumeration value="OVERSIZE_2"/>
    <xs:enumeration value="OVERSIZE_3"/>
    <xs:enumeration value="PACKAGING_MINIMUM"/>
    <xs:enumeration value="WEIGHT_BREAK"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **RateRequestType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **RequestedShipment/RateRequestTypes**

facets

Kind	Value	annotation

	enumeration ACCOUNT enumeration LIST
annotation	documentation Indicates the type of rates to be returned.
source	<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:restriction> </xs:simpleType>

simpleType **RebateType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Rebate/RebateType**
facets	Kind Value annotation enumeration BONUS enumeration EARNED enumeration OTHER
annotation	documentation Identifies the type of discount applied to the shipment.
source	<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="BONUS"/> <xs:enumeration value="EARNED"/> <xs:enumeration value="OTHER"/> </xs:restriction> </xs:simpleType>

simpleType **RecipientCustomsIdType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **RecipientCustomsId/Type**
facets	Kind Value annotation enumeration COMPANY enumeration INDIVIDUAL enumeration PASSPORT
annotation	documentation Type of Brazilian taxpayer identifier provided in Recipient/TaxPayerIdentification/Number. For shipments bound for Brazil this overrides the value in Recipient/TaxPayerIdentification/TinType
source	<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>
```

simpleType **RegulatoryControlType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **CustomsClearanceDetail/RegulatoryControls**
facets	Kind / Value / annotation enumeration EU_CIRCULATION enumeration FOOD_OR_PERISHABLE enumeration NAFTA
annotation	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
source	<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>

simpleType **RequestedPackageDetailType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **RequestedShipment/PackageDetail**
facets	Kind / Value / annotation enumeration INDIVIDUAL_PACKAGES enumeration PACKAGE_GROUPS enumeration PACKAGE_SUMMARY
source	<xs:simpleType name="RequestedPackageDetailType"> <xs:restriction base="xs:string"> <xs:enumeration value="INDIVIDUAL_PACKAGES"/> <xs:enumeration value="PACKAGE_GROUPS"/> <xs:enumeration value="PACKAGE_SUMMARY"/> </xs:restriction> </xs:simpleType>

simpleType **RequestedShippingDocumentType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **EtdDetail/RequestedDocumentCopies ShippingDocumentSpecification/ShippingDocumentTypes**
facets	Kind / Value / annotation enumeration CERTIFICATE_OF_ORIGIN documentation Currently not supported. enumeration COMMERCIAL_INVOICE documentation

			Currently not supported.
	enumeration	CUSTOMER_SPECIFIED_LABELS	
	enumeration	GENERAL_AGENCY_AGREEMENT	
	enumeration	LABEL	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	documentation Currently not supported.
	enumeration	PRO_FORMA_INVOICE	documentation Currently not supported.
	enumeration	RETURN_INSTRUCTIONS	

source

```
<xs:simpleType name="RequestedShippingDocumentType">
 <xs:restriction base="xs:string">
  <xs:enumeration value="CERTIFICATE_OF_ORIGIN">
   <xs:annotation>
    <xs:documentation>Currently not supported.</xs:documentation>
   </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="COMMERCIAL_INVOICE">
   <xs:annotation>
    <xs:documentation>Currently not supported.</xs:documentation>
   </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="CUSTOMER_SPECIFIED_LABELS"/>
  <xs:enumeration value="GENERAL_AGENCY_AGREEMENT"/>
  <xs:enumeration value="LABEL"/>
  <xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN">
   <xs:annotation>
    <xs:documentation>Currently not supported.</xs:documentation>
   </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="PRO_FORMA_INVOICE">
   <xs:annotation>
    <xs:documentation>Currently not supported.</xs:documentation>
   </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="RETURN_INSTRUCTIONS"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **RequiredShippingDocumentType**

namespace	http://fedex.com/ws/rate/v9		
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	

source

```
<xs:simpleType name="RequiredShippingDocumentType">
 <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>
```

simpleType **ReturnedRateType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **RateReplyDetail/ActualRateType PackageRateDetail/RateType ShipmentRateDetail/RateType**
facets	Kind / Value / annotation enumeration PAYOR_ACCOUNT_PACKAGE enumeration PAYOR_ACCOUNT_SHIPMENT enumeration PAYOR_LIST_PACKAGE enumeration PAYOR_LIST_SHIPMENT enumeration RATED_ACCOUNT_PACKAGE enumeration RATED_ACCOUNT_SHIPMENT enumeration RATED_LIST_PACKAGE enumeration RATED_LIST_SHIPMENT
annotation	documentation The "PAYOR..." rates are expressed in the currency identified in the payor's rate table(s). The "RATED..." rates are expressed in the currency of the origin country.
source	<xs:simpleType name="ReturnedRateType"> <xs:annotation> <xs:documentation>The "PAYOR..." rates are expressed in the currency identified in the payor's rate table(s). The "RATED..." rates are expressed in the currency of the origin country.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="PAYOR_ACCOUNT_PACKAGE"/> <xs:enumeration value="PAYOR_ACCOUNT_SHIPMENT"/> <xs:enumeration value="PAYOR_LIST_PACKAGE"/> <xs:enumeration value="PAYOR_LIST_SHIPMENT"/> <xs:enumeration value="RATED_ACCOUNT_PACKAGE"/> <xs:enumeration value="RATED_ACCOUNT_SHIPMENT"/> <xs:enumeration value="RATED_LIST_PACKAGE"/> <xs:enumeration value="RATED_LIST_SHIPMENT"/> </xs:restriction> </xs:simpleType>

simpleType **ReturnEMailAllowedSpecialServiceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ReturnEMailDetail/AllowedSpecialServices**
facets	Kind / Value / annotation enumeration SATURDAY_DELIVERY enumeration SATURDAY_PICKUP
annotation	documentation These values are used to control the availability of certain special services at the time when a customer uses the e-mail label link to create a return shipment.
source	<xs:simpleType name="ReturnEMailAllowedSpecialServiceType"> <xs:annotation> <xs:documentation>These values are used to control the availability of certain special services at the time when a customer uses the e-mail label link to create a return shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string">

```
    <xs:enumeration value="SATURDAY_DELIVERY"/>
    <xs:enumeration value="SATURDAY_PICKUP"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **ReturnType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **ServiceOptionType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **CommitDetail/AppliedOptions RateReplyDetail/AppliedOptions RateRequest/VariableOptions**
facets	Kind / Value / annotation enumeration FREIGHT_GUARANTEE enumeration SATURDAY_DELIVERY enumeration SMART_POST_ALLOWED_INDICIA enumeration SMART_POST_HUB_ID
annotation	documentation These values control the optional features of service that may be combined in a commitment/rate comparision transaction.
source	<xs:simpleType name="ServiceOptionType"> <xs:annotation> <xs:documentation>These values control the optional features of service that may be combined in a commitment/rate comparision transaction.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FREIGHT_GUARANTEE"/> <xs:enumeration value="SATURDAY_DELIVERY"/> <xs:enumeration value="SMART_POST_ALLOWED_INDICIA"/> <xs:enumeration value="SMART_POST_HUB_ID"/> </xs:restriction> </xs:simpleType>

simpleType **ServiceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **FreightServiceCenterDetail/LocalService CommitDetail/ServiceType RateReplyDetail/ServiceType RequestedShipment/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_FREIGHT	
enumeration	FEDEX_GROUND	
enumeration	FEDEX_NATIONAL_FREIGHT	
enumeration	FIRST_OVERNIGHT	
enumeration	GROUND_HOME_DELIVERY	
enumeration	INTERNATIONAL_ECONOMY	
enumeration	INTERNATIONAL_ECONOMY_FREIGHT	
enumeration	INTERNATIONAL_FIRST	
enumeration	INTERNATIONAL_GROUND	
enumeration	INTERNATIONAL_PRIORITY	
enumeration	INTERNATIONAL_PRIORITY_FREIGHT	
enumeration	PRIORITY_OVERNIGHT	
enumeration	SMART_POST	
enumeration	STANDARD_OVERNIGHT	

annotation

documentation
Identifies the FedEx service to use in shipping the package. See ServiceType for list of valid enumerated values.

source

```
<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_FREIGHT"/>
    <xs:enumeration value="FEDEX_GROUND"/>
    <xs:enumeration value="FEDEX_NATIONAL_FREIGHT"/>
    <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_GROUND"/>
    <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:restriction>
</xs:simpleType>
```

simpleType **ShipmentSpecialServiceType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **FreightSpecialServicePayment/SpecialService** **ShipmentSpecialServicesRequested/SpecialServiceTypes**
facets	Kind / Value / annotation enumeration BROKER_SELECT_OPTION enumeration CALL_BEFORE_DELIVERY enumeration COD enumeration CUSTOM_DELIVERY_WINDOW enumeration DANGEROUS_GOODS enumeration DO_NOT_BREAK_DOWN_PALLETS enumeration DO_NOT_STACK_PALLETS enumeration DRY_ICE enumeration EAST_COAST_SPECIAL enumeration ELECTRONIC_TRADE_DOCUMENTS enumeration EMAIL_NOTIFICATION enumeration EXTREME_LENGTH enumeration FOOD enumeration FREIGHT_GUARANTEE enumeration FUTURE_DAY_SHIPMENT enumeration HOLD_AT_LOCATION enumeration HOME_DELIVERY_PREMIUM enumeration INSIDE_DELIVERY enumeration INSIDE_PICKUP enumeration LIFTGATE_DELIVERY enumeration LIFTGATE_PICKUP enumeration LIMITED_ACCESS_DELIVERY enumeration LIMITED_ACCESS_PICKUP enumeration PENDING_SHIPMENT enumeration POISON enumeration PROTECTION_FROM_FREEZING enumeration RETURN_SHIPMENT enumeration SATURDAY_DELIVERY enumeration SATURDAY_PICKUP enumeration TOP_LOAD
annotation	documentation Identifies the collection of special service offered by FedEx.

source

```
<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="CALL_BEFORE_DELIVERY"/>
  <xs:enumeration value="COD"/>
  <xs:enumeration value="CUSTOM_DELIVERY_WINDOW"/>
  <xs:enumeration value="DANGEROUS_GOODS"/>
  <xs:enumeration value="DO_NOT_BREAK_DOWN_PALLETS"/>
  <xs:enumeration value="DO_NOT_STACK_PALLETS"/>
  <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="EXTREME_LENGTH"/>
    <xs:enumeration value="FOOD"/>
    <xs:enumeration value="FREIGHT_GUARANTEE"/>
    <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="LIFTGATE_DELIVERY"/>
    <xs:enumeration value="LIFTGATE_PICKUP"/>
    <xs:enumeration value="LIMITED_ACCESS_DELIVERY"/>
    <xs:enumeration value="LIMITED_ACCESS_PICKUP"/>
    <xs:enumeration value="PENDING_SHIPMENT"/>
    <xs:enumeration value="POISON"/>
    <xs:enumeration value="PROTECTION_FROM_FREEZING"/>
    <xs:enumeration value="RETURN_SHIPMENT"/>
    <xs:enumeration value="SATURDAY_DELIVERY"/>
    <xs:enumeration value="SATURDAY_PICKUP"/>
    <xs:enumeration value="TOP_LOAD"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **ShippingDocumentDispositionType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ShippingDocumentDispositionDetail/DispositionType**
facets	Kind / Value / annotation enumeration CONFIRMED enumeration DEFERRED_RETURNED enumeration DEFERRED_STORED enumeration EMAILED enumeration QUEUED enumeration RETURNED enumeration STORED
annotation	documentation Specifies how to return a shipping document to the caller.
source	<xs:simpleType name="ShippingDocumentDispositionType"> <xs:annotation> <xs:documentation>Specifies how to return a shipping document to the caller.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CONFIRMED"/> <xs:enumeration value="DEFERRED_RETURNED"/> <xs:enumeration value="DEFERRED_STORED"/> <xs:enumeration value="EMAILED"/> <xs:enumeration value="QUEUED"/> <xs:enumeration value="RETURNED"/> <xs:enumeration value="STORED"/> </xs:restriction> </xs:simpleType>

simpleType **ShippingDocumentEMailGroupingType**

namespace	http://fedex.com/ws/rate/v9

type	restriction of **xs:string**
used by	element **ShippingDocumentEMailDetail/Grouping**
facets	Kind Value annotation enumeration BY_RECIPIENT enumeration NONE
source	<xs:simpleType name="ShippingDocumentEMailGroupingType"> <xs:restriction base="xs:string"> <xs:enumeration value="BY_RECIPIENT"/> <xs:enumeration value="NONE"/> </xs:restriction> </xs:simpleType>

simpleType **ShippingDocumentGroupingType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ShippingDocumentDispositionDetail/Grouping**
facets	Kind Value annotation enumeration CONSOLIDATED_BY_DOCUMENT_TYPE enumeration INDIVIDUAL
annotation	documentation Specifies how to organize all shipping documents of the same type.
source	<xs:simpleType name="ShippingDocumentGroupingType"> <xs:annotation> <xs:documentation>Specifies how to organize all shipping documents of the same type.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CONSOLIDATED_BY_DOCUMENT_TYPE"/> <xs:enumeration value="INDIVIDUAL"/> </xs:restriction> </xs:simpleType>

simpleType **ShippingDocumentImageType**

namespace	http://fedex.com/ws/rate/v9
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	<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>
```

simpleType **ShippingDocumentStockType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ShippingDocumentFormat/StockType**
facets	Kind / Value / annotation enumeration OP_900_LG_B enumeration OP_900_LL_B 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	<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="OP_900_LG_B"/> <xs:enumeration value="OP_900_LL_B"/> <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>

simpleType **SignatureOptionType**

namespace	http://fedex.com/ws/rate/v9
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

```
<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>
```

simpleType **SmartPostAncillaryEndorsementType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **SmartPostIndiciaType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **SmartPostShipmentDetail/Indicia ServiceSubOptionDetail/SmartPostIndicia**
facets	Kind / Value / annotation enumeration MEDIA_MAIL enumeration PARCEL_RETURN enumeration PARCEL_SELECT enumeration PRESORTED_BOUND_PRINTED_MATTER enumeration PRESORTED_STANDARD
source	<xs:simpleType name="SmartPostIndiciaType"> <xs:restriction base="xs:string"> <xs:enumeration value="MEDIA_MAIL"/>

```
    <xs:enumeration value="PARCEL_RETURN"/>
    <xs:enumeration value="PARCEL_SELECT"/>
    <xs:enumeration value="PRESORTED_BOUND_PRINTED_MATTER"/>
    <xs:enumeration value="PRESORTED_STANDARD"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **SpecialRatingAppliedType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **ShipmentRateDetail/SpecialRatingApplied**
facets	Kind / Value / annotation enumeration FIXED_FUEL_SURCHARGE enumeration IMPORT_PRICING
annotation	documentation Indicates which special rating cases applied to this shipment.

source

```
<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>
```

simpleType **SurchargeLevelType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Surcharge/Level**
facets	Kind / Value / annotation enumeration PACKAGE enumeration SHIPMENT

source

```
<xs:simpleType name="SurchargeLevelType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="PACKAGE"/>
    <xs:enumeration value="SHIPMENT"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **SurchargeType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Surcharge/SurchargeType**
facets	Kind / Value / annotation enumeration ADDITIONAL_HANDLING enumeration ANCILLARY_FEE enumeration APPOINTMENT_DELIVERY enumeration BROKER_SELECT_OPTION enumeration CANADIAN_DESTINATION

	enumeration	CLEARANCE_ENTRY_FEE
	enumeration	COD
	enumeration	CUT_FLOWERS
	enumeration	DANGEROUS_GOODS
	enumeration	DELIVERY_AREA
	enumeration	DELIVERY_CONFIRMATION
	enumeration	DOCUMENTATION_FEE
	enumeration	DRY_ICE
	enumeration	EMAIL_LABEL
	enumeration	EUROPE_FIRST
	enumeration	EXCESS_VALUE
	enumeration	EXHIBITION
	enumeration	EXPORT
	enumeration	EXTREME_LENGTH
	enumeration	FEDEX_TAG
	enumeration	FICE
	enumeration	FLATBED
	enumeration	FREIGHT_GUARANTEE
	enumeration	FREIGHT_ON_VALUE
	enumeration	FUEL
	enumeration	HOLD_AT_LOCATION
	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	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 THIRD_PARTY_CONSIGNEE enumeration TRANSMART_SERVICE_FEE
source	<xs:simpleType name="SurchargeType"> <xs:restriction base="xs:string"> <xs:enumeration value="ADDITIONAL_HANDLING"/> <xs:enumeration value="ANCILLARY_FEE"/> <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="DOCUMENTATION_FEE"/> <xs:enumeration value="DRY_ICE"/> <xs:enumeration value="EMAIL_LABEL"/> <xs:enumeration value="EUROPE_FIRST"/> <xs:enumeration value="EXCESS_VALUE"/> <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="FREIGHT_ON_VALUE"/> <xs:enumeration value="FUEL"/> <xs:enumeration value="HOLD_AT_LOCATION"/> <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="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: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"/>

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    <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="THIRD_PARTY_CONSIGNEE"/>
    <xs:enumeration value="TRANSMART_SERVICE_FEE"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **TaxType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **Tax/TaxType**
facets	Kind / Value / annotation enumeration EXPORT enumeration GST enumeration HST enumeration INTRACOUNTRY enumeration OTHER enumeration PST enumeration VAT
source	<xs:simpleType name="TaxType"> <xs:restriction base="xs:string"> <xs:enumeration value="EXPORT"/> <xs:enumeration value="GST"/> <xs:enumeration value="HST"/> <xs:enumeration value="INTRACOUNTRY"/> <xs:enumeration value="OTHER"/> <xs:enumeration value="PST"/> <xs:enumeration value="VAT"/> </xs:restriction> </xs:simpleType>

simpleType **TermsOfSaleType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **TinType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **TaxpayerIdentification/TinType**
facets	Kind / Value / annotation enumeration BUSINESS_NATIONAL enumeration BUSINESS_STATE enumeration PERSONAL_NATIONAL enumeration PERSONAL_STATE
annotation	documentation Identifies the category of the taxpayer identification number.
source	<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="BUSINESS_NATIONAL"/> <xs:enumeration value="BUSINESS_STATE"/> <xs:enumeration value="PERSONAL_NATIONAL"/> <xs:enumeration value="PERSONAL_STATE"/> </xs:restriction> </xs:simpleType>

simpleType **TrackingIdType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **TrackingId/TrackingIdType**

facets	Kind / Value / annotation enumeration EXPRESS enumeration GROUND enumeration USPS
source	<xs:simpleType name="TrackingIdType"> <xs:restriction base="xs:string"> <xs:enumeration value="EXPRESS"/> <xs:enumeration value="GROUND"/> <xs:enumeration value="USPS"/> </xs:restriction> </xs:simpleType>

simpleType **TransitTimeType**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	elements **CommitDetail/MaximumTransitTime RateReplyDetail/MaximumTransitTime CommitDetail/TransitTime RateReplyDetail/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	<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>
```

simpleType **UploadDocumentIdProducer**

namespace	http://fedex.com/ws/rate/v9
type	restriction of **xs:string**
used by	element **UploadDocumentReferenceDetail/DocumentIdProducer**
facets	Kind / Value / annotation enumeration CUSTOMER enumeration FEDEX_CSHP enumeration FEDEX_GTM
source	<xs:simpleType name="UploadDocumentIdProducer"> <xs:restriction base="xs:string"> <xs:enumeration value="CUSTOMER"/> <xs:enumeration value="FEDEX_CSHP"/> <xs:enumeration value="FEDEX_GTM"/> </xs:restriction> </xs:simpleType>

simpleType **UploadDocumentProducerType**

namespace	http://fedex.com/ws/rate/v9
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
source	<xs:simpleType name="UploadDocumentProducerType"> <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>

simpleType **UploadDocumentType**

namespace	http://fedex.com/ws/rate/v9

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
source	<xs:simpleType name="UploadDocumentType"> <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>

simpleType **VariableHandlingChargeType**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **VolumeUnits**

namespace	http://fedex.com/ws/rate/v9
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	<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>

simpleType **WeightUnits**

namespace	http://fedex.com/ws/rate/v9
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	<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>