FedEx.

Ship Service

August 2010

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Contents

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):

    o Documentation overview and guidelines, including how to use the Help application and how to print this guide.

    o Overview information about Web Services, including a high-level description of FedEx Web Services methods.

    o Coding basics.

    o Overview information about testing and certifying your application.

- Ship Service provides:

    o Service details for shipping with FedEx® Services.

    o Service details and coding details for all shipping services, including FedEx Express U.S. Shipping, FedEx Ground U.S. Shipping, FedEx Express International Shipping, and FedEx International Ground Shipping.

    o The Ship service also provides both the Create Call Tag and Delete Call Tag transactions as well as the Shipping Documents Service.

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**. .
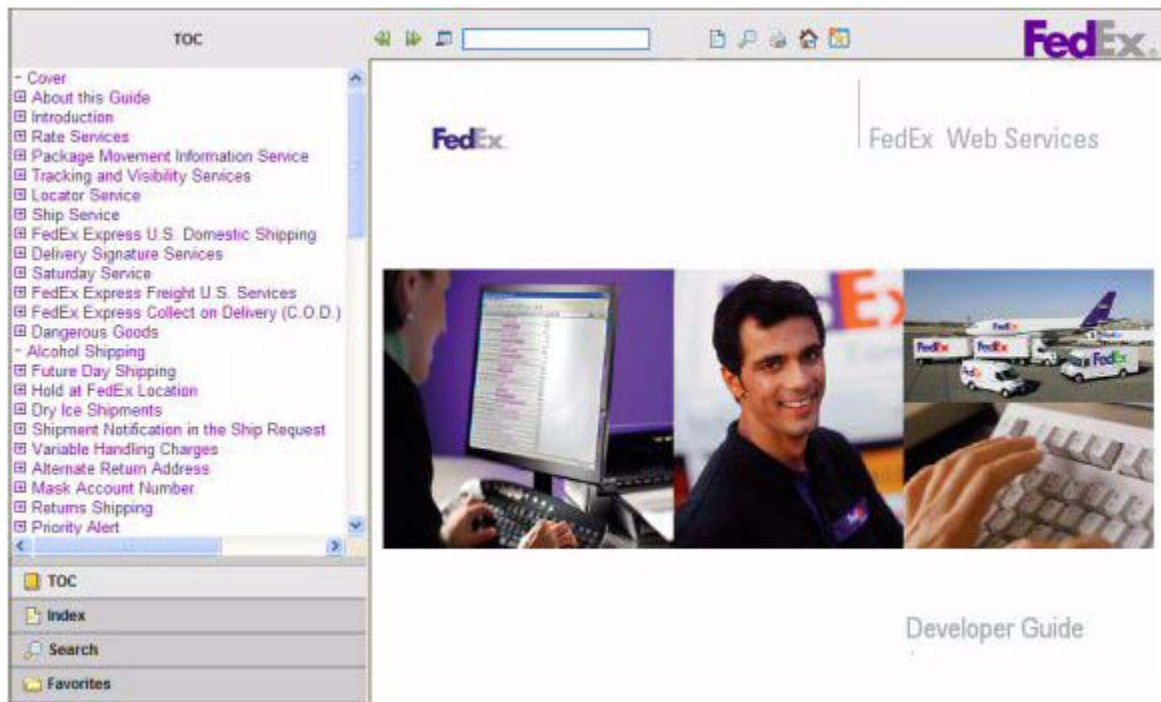
Web Services Help opens in your default browser, such as Internet Explorer or Firefox. The first topic—in this case, the cover page—appears in the main window. The Table of Contents (TOC) appears in the navigation column. Under the TOC you can choose the Index, Search, or Favorites options. Each of these 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>XXXXXXXX</v8:AccountNumber>
            <v8:MeterNumber>XXXXXX</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>tttttttttttttttt</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:

```xml
<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>000000000000000000</
                     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
m0:WebAuthenticationDetail — type ns:WebAuthenticationDetail — The descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services). m0:ClientDetail — type ns:ClientDetail — Descriptive data identifying the client submitting the transaction. m0:TransactionDetail — type ns:TransactionDetail — Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply. AddressValidationRequest — m0:Version — type ns:VersionId — Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply). m0:RequestTimestamp — type xs:dateTime — m0:Options — type ns:AddressValidationOptions — m0:AddressesToValidate — type ns:AddressToValidate — 1..100 — children: m0:WebAuthenticationDetail m0:ClientDetail m0:TransactionDetail m0:Version m0:RequestTimestamp m0:Options m0:AddressesToValidate	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.
m0:Version — type ns:VersionId — Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).	A box with a single solid border represents a single element that is required. The type can be simple or complex.

Diagram	Description
m0:TransactionDetail type | ns:TransactionDetail Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.	A box with a dotted border indicates a single element that is optional. The type can be simple or complex.
AddressValidationReply **m0:HighestSeverity** type | ns:NotificationSeverityType **m0:Notifications** type | ns:Notification 1..∞ **m0:TransactionDetail** type | ns:TransactionDetail **m0:ReplyTimestamp** type | xs:dateTime **m0:AddressResults** type | ns:AddressValidationResult 1..100 **m0:Version** type | ns:VersionId AddressValidationResult **m0:AddressId** type | xs:string **m0:ProposedAddressDetails** type | ns:ProposedAddressDetail 0..10	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.
AddressToValidate **m0:AddressId** type | xs:string **m0:CompanyName** type | xs:string **m0:Address** type | ns:Address	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.

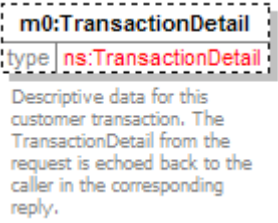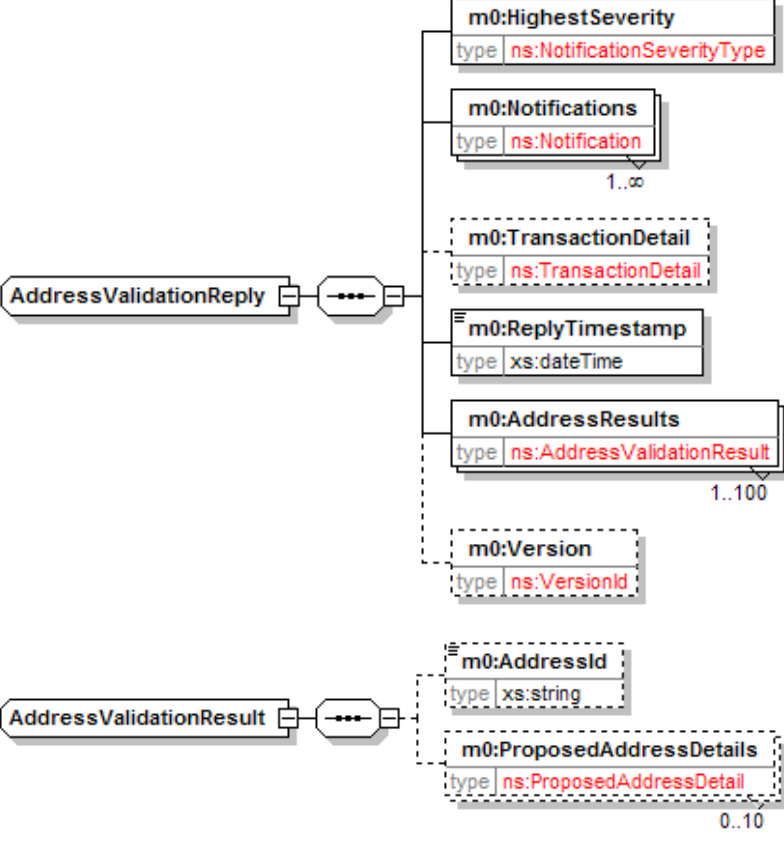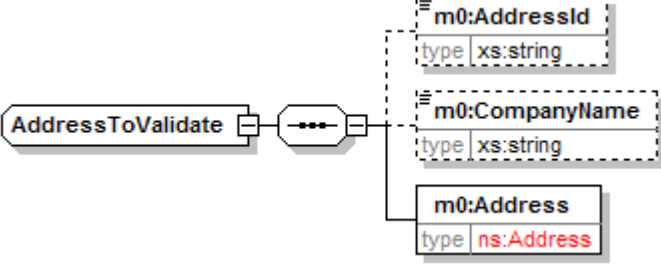| Diagram	Description
	Diagrams of a parent element, such as AddressValidationRequest, include connections to the child elements. Child elements can be simple or complex types. A child element connected with a solid line and surrounded by a box with a solid border represents a required type, such as 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.

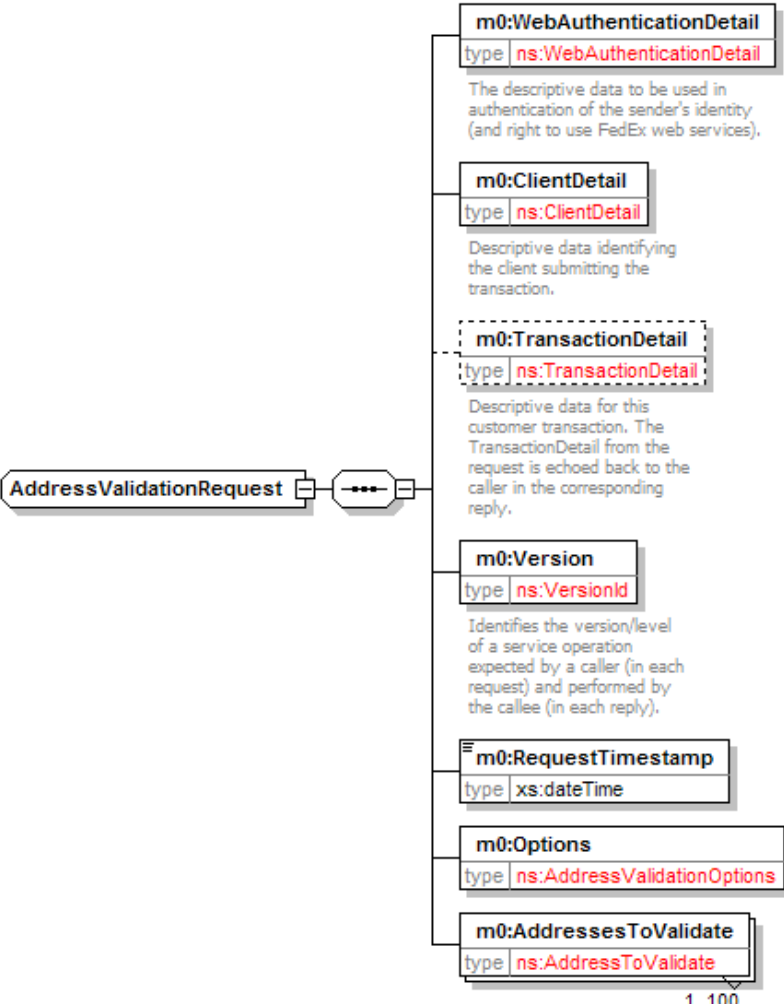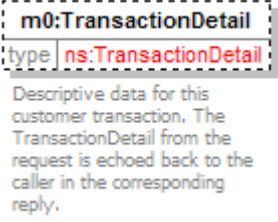| Diagram	Description
m0:TransactionDetail type ns:TransactionDetail Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.	A box with a dotted border indicates a single element that is optional. The type can be simple or complex.
AddressValidationReply → **m0:HighestSeverity** type ns:NotificationSeverityType; **m0:Notifications** type ns:Notification 1..∞; **m0:TransactionDetail** type ns:TransactionDetail; **m0:ReplyTimestamp** type xs:dateTime; **m0:AddressResults** type ns:AddressValidationResult 1..100; **m0:Version** type ns:VersionId. **AddressValidationResult** → **m0:AddressId** type xs:string; **m0:ProposedAddressDetails** type ns:ProposedAddressDetail 0..10	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.
AddressToValidate → **m0:AddressId** type xs:string; **m0:CompanyName** type xs:string; **m0:Address** type ns:Address	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.

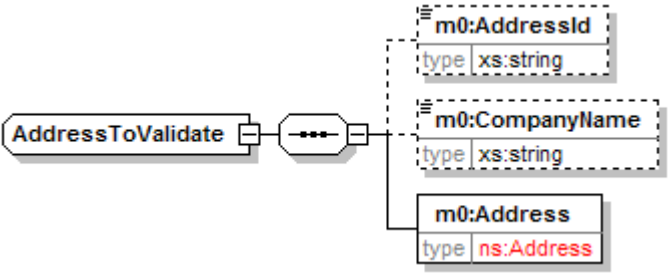- A FedEx specific type such as "Address" appears in red text below the element name.

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.

Intra-Canada Express Service

You can use the ShipService WSDL to ship to and from addresses within Canada for your FedEx Express® shipments.

Intra-Canada Express Service Details

The following service details apply:

- Intra-Canada service is available for FedEx Ground® delivery to commercial addresses.
- Intra-Canada service is available for the following FedEx Express service types:
    - o FedEx Priority Overnight®
    - o FedEx Standard Overnight®
    - o FedEx 2Day®
    - o FedEx 1Day® Freight
    - o FedEx Express Saver®

For more detailed information about the services offered by FedEx, see the electronic FedEx Service Guide.

Intra-Canada Express Coding Details

Intra-Canada service is included in the ShipService WSDL. The following elements are required:

Element	Description
ServiceType	Required. Valid values for intra-Canada shipping are: • PRIORITY_OVERNIGHT • STANDARD_OVERNIGHT • FEDEX_1_DAY_FREIGHT • FEDEX_2_DAY • FEDEX_GROUND
PackagingType	Required. For FedEx Express (excluding freight) service all the packaging types are available. For FedEx 1Day Freight and FedEx Ground, YOUR_PACKAGING is required.

FedEx (Express) Freight U.S. Services

If your FedEx Express® U.S. package exceeds 150 lbs, you must use a FedEx Freight® shipping service.

Express Freight U.S. Service Details

The following service details apply:

- Freight must be shrink-wrapped and/or banded to a skid.
- Must be palletized, stackable, and forkliftable.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

FedEx 1Day Freight (Express)

FedEx 1Day® Freight service provides next-business-day delivery for packages/skids weighing in excess of 150 lbs. The business rules are:

- Service days are Monday through Friday, with Saturday delivery available depending on the recipient postal code.
- A booking number is required for this service. Call 1.800.332.0807 to book your freight shipment.
- Available to all states including Hawaii. Not available to Puerto Rico.
- Available for intra-country shipping in Mexico and UAE.
- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs require prior approval by FedEx.
- The following special services are allowed (depending on the destination location): Saturday Service, Dangerous Goods, FedEx Express Collect on Delivery (C.O.D.), Hold at FedEx Location, and FedEx Priority Alert℠.

FedEx 2Day Freight (Express)

FedEx 2Day® Freight services provide delivery in 2 business days for packages or skids weighing in excess of 150 lbs. The business rules are as follows:

- Service days are Monday through Friday, with Saturday delivery available depending on the recipient postal code.
- Available to all states, but only the island of Oahu in Hawaii. Not available to Puerto Rico.
- Available for intra-country shipping in Mexico.

- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages/skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs require prior approval by FedEx.

- The following special services are allowed (depending on destination location): Saturday Service, Dangerous Goods, FedEx Express Collect on Delivery (C.O.D.), Hold at FedEx Location, and FedEx Priority Alert.

FedEx 3Day Freight (Express)

FedEx 3Day® Freight services provide delivery in 3 business days for packages or skids weighing in excess of 150 lbs. The business rules are as follows:

- Service days are Monday through Friday. No Saturday service.

- Not available to Alaska, Hawaii or Puerto Rico.

- Skid and/or package size and weight: Exceeding 119" in length or 80" in width or 70" in height. Individual packages and/or skids greater than 151 lbs. Skids weighing in excess of 2,200 lbs require prior approval by FedEx.

- The following special services are allowed (depending on destination location): Dangerous Goods, FedEx Express Collect on Delivery (C.O.D.), Hold at FedEx Location, and FedEx Priority Alert.

Inside Pickup and Delivery

For FedEx Freight U.S. services, you may request inside pickup and/or inside delivery. Inside pickup and delivery options are intended for customers who do not have the necessary equipment to move shipments to the loading area. FedEx moves shipments from positions beyond the pickup or delivery site which are directly accessible from the curb and are no more than 50 feet inside the outermost door.

FedEx Inside Pickup and FedEx Inside Delivery are available for FedEx 1Day, FedEx 2Day, and FedEx 3Day Freight services and do not require special service contracts with FedEx. If a shipment breakdown is needed to fit a shipment through a doorway, additional charges may be assessed. FedEx does not provide piece count or piece verification when a breakdown of a freight shipment occurs at the delivery site.

Express Freight U.S. Coding Details

Before you begin coding FedEx Freight U.S. services, you should know:

- Freight shipping weight must exceed 150 lbs.

- You should use the ServiceAvailability Service to determine what freight services are available for your origin/destination pair.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

FedEx Freight U.S. services are included in the ShipService. In addition to the basic shipping elements required for a FedEx Express shipment, the following elements are available:

Element	Description
ExpressFreightDetail/ BookingConfirmationNumber	Required. An advance booking number is required for FedEx 1Day Freight. When you call 1.800.332.0807 to book your freight shipment, you will receive a booking number. This booking number must be included in the Ship request, and prints on the shipping label.
ExpressFreightDetail/ PackingListEnclosed	Optional. If you enclose a packing list with your FedEx Freight shipment, this element informs FedEx operations that shipment contents can be verified on your packing list.

Note: Additional services available for FedEx Freight U.S. include: Saturday Service, Dangerous Goods, FedEx Express Collect on Delivery (C.O.D.), Hold at FedEx Location.

FedEx Express Collect on Delivery (C.O.D.)

The FedEx® Collect on Delivery (C.O.D.) option allows you to designate the amount of money that the FedEx Express® courier collects from your recipient when the package is delivered. Enrollment is not required. Your recipient can pay by personal check, money order, cashier's check, company check, official check, or certified check. FedEx returns payment to you the next business day by FedEx Standard Overnight® (where available: otherwise, FedEx 2Day®). An additional surcharge applies to C.O.D. shipments.

Express C.O.D. Service Details

The following service details apply to FedEx C.O.D.:

- C.O.D. service is not available with FedEx SameDay® or FedEx First Overnight®. ® Also, C.O.D. service is not available to and from Puerto Rico or other international locations.

- These services allow C.O.D.: FedEx Priority Overnight®, FedEx Standard Overnight, FedEx 2Day, FedEx Express Saver®.

- C.O.D. is not available for FedEx First Overnight.

- C.O.D. is not available for international shipments.

- C.O.D. is not available for intra-Canada or intra-Mexico FedEx Express shipments.

- Dangerous Goods may be shipped using the C.O.D. service.

- Hold at FedEx Location is allowed with the C.O.D. service.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Express C.O.D. Coding Details

Before you begin coding C.O.D., you should know:

- Two labels are returned in the Ship reply: one outbound label to ship the package and one inbound label to return payment to you.

- Valid payment types are:
  - o Secured: cashier's check, official check, or money order.
  - o Unsecured: personal check, certified check, cashier's check, official check, money order, or company check.

- To code C.O.D. shipments as MPS, you must submit multiple ship requests. You must submit a ship request for the master package and one ship request for each child package in the MPS. See Single and MPS C.O.D. Shipments for more information about the multiple occurrence elements. For C.O.D. MPS shipments, a shipping label prints for each package, and one C.O.D. return label prints to return payment to you.

- You may override your shipper address to return the payment to a different location.

- FedEx Express C.O.D. is requested using the ShipService WSDL. In addition to the basic shipping elements required for a FedEx Express shipment, the following elements are available:

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Single and MPS C.O.D. Shipments

Element	Package/ Shipment Level	Description
ShipmentSpecialServiceType	Shipment	This element should be set to C.O.D. for a single C.O.D. package. For an MPS C.O.D., the master package (first package in the sequence) must include this element.
Weight	Package	Individual package weight is required for all shipments. The Weight element includes Weight/Units and Weight/Value. Values for Weight/Units are: • LB • KG Weight/Value is entered with one explicit decimal position.
Dimensions	Package	Optional for customer packages. Not allowed for FedEx package types. The Dimensions element include: • Width • Height • Length • Units Dimensions/Units values are: • CM • IN

Element	Package/ Shipment Level	Description
SpecialServicesRequested/ CodCollectionAmount	Package	Valid values are: • Currency: Currency type for C.O.D. For U.S. Express shipments, the currency type is USD. • Amount: The total amount to be collected. For MPS shipments, the element must be included on each package and include the total collection amount minus transportation charges. **Note:** The collection amount must be added to each package in an MPS C.O.D. shipment.
CodDetail/CollectionType	Shipment	Required. Valid values are: • ANY • CASH • COMPANY_CHECK • GUARANTEED_FUNDS • PERSONAL_CHECK
CodDetail/ AddTransportationCharges	Shipment	Optional. This element allows you to add transportation charges to the C.O.D. collection amount. Valid values are: • ADD_ACCOUNT_COD_SURCHARGE • ADD_ACCOUNT_NET_CHARGE • ADD_ACCOUNT_NET_FREIGHT • ADD_ACCOUNT_TOTAL_CUSTOMER_CHARGE • ADD_LIST_COD_SURCHARGE • ADD_LIST_NET_CHARGE • ADD_LIST_NET_FREIGHT • ADD_LIST_TOTAL_CUSTOMER_CHARGE
CodDetail/ReferenceIndicator	Shipment	Optional. If you want reference information added to the return C.O.D. label, use this element. Values are: • INVOICE • PO • REFERENCE • TRACKING

Element	Package/ Shipment Level	Description
CodDetail/CodRecipient	Shipment	The C.O.D. return label uses your shipper information as the recipient for the C.O.D. payment. To override this address, the following elements are required: • Contact • Company (if contact is not supplied) • City • Country • State • PostalCode • Phone • Residential (for residential addresses)

MPS C.O.D. Request Elements

Note: The maximum number of packages in an MPS request is 100.

Element	Package/ Shipment Level	Description
RequestedPackage/ SequenceNumber	Package	Required for MPS shipments. Each C.O.D. shipment must contain a SequenceNumber. For example, the first package (also known as the master package) has a sequence number of 1. All additional packages are numbered sequentially. This number system is important because the master package carries shipment-level information.
MasterTrackingId	Package	Required for MPS shipments. The reply for the first package (master package) in a C.O.D. shipment includes the MasterTrackingID element. This element includes both the MasterTrackingNumber and FormID. For each subsequent ship request for an MPS C.O.D., the MasterTrackingID (with MasterTrackingNumber and FormID) element is required.
PackageCount	Shipment	Total number of packages in the MPS C.O.D. shipment. Include this element in the master package request. The maximum number of packages in one rate request is 200.
TotalWeight	Shipment	Total shipment weight is added to the master package in the MPS shipment and contains the total weight of all packages in the shipment.
CodReturnTrackingId	Shipment	The CodReturnTrackingId (including TrackingNumber and FormID) is returned in the master package reply. This ID is required on the final package in an MPS C.O.D. shipment.

MPS C.O.D. Reply Elements

Element	Description
CodReturnTrackingId	Returned in the reply for a single piece C.O.D. or on the master package reply for an MPS C.O.D. Includes tracking number and form ID.
MasterTrackingId	Returned in the master package reply for an MPS C.O.D. Includes tracking number and form ID.
CodReturnPackageDetail/ CollectionAmount	Total amount printed on the C.O.D. return label. Includes both C.O.D. collection amount and transportation charges (if included in the Ship request).
Surcharge/Amount	C.O.D. surcharge amount for shipment.
Surcharge/SurchargeType	COD for C.O.D. shipments.

Note: Additional shipping options like Dangerous Goods and Hold at FedEx Location are available for C.O.D. shipments. Information for each of these options is provided in the applicable topic. For MPS C.O.D. shipments, you may request additional options either on the package level or the shipment level:

Shipping Option	Package vs. Shipment Level
Delivery Signature Options	Shipment
Hazardous Materials	Shipment
Dry Ice	Shipment
Reference Elements	Package
Shipment Notification	Shipment
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment
Inside Pickup	Shipment
Saturday Services	Shipment
Variable Handling Charge	Package

Dangerous Goods

Shipments with dangerous goods must be tendered to FedEx Express® in accordance with current International Air Transport Association (IATA) regulations for air transport and the FedEx Express Terms and Conditions. There are two types of dangerous goods:

- Accessible dangerous goods may be shipped using:

- FedEx Priority Overnight®

- FedEx 1Day® Freight

- FedEx International Economy®

- FedEx International Economy® Freight

- FedEx International Priority®

- FedEx International Priority® Freight

- Inaccessible dangerous goods may be shipped using:

- FedEx Priority Overnight

- FedEx Standard Overnight®

- FedEx 2Day®

- FedEx Express Saver®

- FedEx 1Day Freight

- FedEx 2Day® Freight

- FedEx 3Day® Freight

- FedEx International Priority

- FedEx International Priority Freight

Note: To locate FedEx Services that allow dangerous goods shipping for your origin/destination pair, use the Service Availability Service.

Note: Dangerous goods and HazMat shipping through FedEx Web Services is only available for U.S. origin shipments.

It is the shipper's responsibility to identify, classify, package, mark, label, and complete documentation for dangerous goods according to all national and international governmental regulations. In addition, FedEx can only accept the Shipper's Declaration for Dangerous Goods in typed or computer-generated formats, not hand-written. The shipper must provide three copies of the completed Shipper's Declaration for Dangerous Goods, 1421C, for each shipment. The term "Dangerous Goods" applies to FedEx Express shipments only. For more information about dangerous goods, call 1.800.GoFedEx and press 81 to reach the Dangerous Goods/Hazardous Materials Hotline.

Note: For FedEx Ground® services, these types of shipments are referred to as hazardous materials (HazMat) shipments.

Dangerous Goods Service Details

The following shipping rules apply to dangerous-goods shipments:

- Dangerous goods cannot be shipped in FedEx Express packaging, except biological substances.

- Many FedEx drop-off locations cannot accept dangerous goods. Use the Locator WSDL to determine locations that accept dangerous goods.

- There are limitations for dangerous-goods shipments to Alaska, Hawaii, and many international destinations. Use the RateService WSDL to determine if your destination allows dangerous-goods handling.

- The federal government requires every shipper to have job-specific dangerous-goods training before tendering a dangerous-goods shipment to any air carrier. FedEx sponsors a number of seminars for which you can register online.

- FedEx packaging cannot be used for dangerous-goods shipments. Proper package marking and required documentation must be included before the FedEx courier will accept dangerous-goods shipments.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Dangerous Goods Coding Details

The following ShipService WSDL elements are available for dangerous goods:

Element	Requirements
RequestedPackageLineItems/ SpecialServicesRequested/ SpecialServiceTypes	Specify DANGEROUS_GOODS.
/DangerousGoodsDetail/ Accessibility	Valid values are: • ACCESSIBLE • INACCESSIBLE
/DangerousGoodsDetail/ CargoAircraftOnly	Optional. Shipment is packaged and documented for movement on cargo aircraft only.
/DangerousGoodsDetail/Options	Describes the type of hazardous content in the package. Valid values are: HAZARDOUS_MATERIALS: Package contains hazardous materials requiring complete documentation, using HazardousCommodityDescription data. Lithium batteries with 5 grams or more of lithium should also be labeled HAZMAT. See Hazardous Materials (Ground U.S.) for more information.

Element	Requirements
/DangerousGoodsDetail/Options (continued)	• LITHIUM_BATTERY_EXCEPTION: Package contains lithium batteries with nonhazardous quantities of lithium. Nonhazardous lithium batteries contain less than 5 grams of lithium. HazMat lithium batteries contain 5 grams or more of lithium and will be treated as hazardous materials. • ORM_D: Package contains other regulated materials for U.S. shipping. • SMALL_QUANTITY_EXCEPTION: Package contains hazardous content in excepted quantities. • REPORTABLE_QUANTITIES: Package contains hazardous materials in an amount that needs to be reported.
/DangerousGoodsDetail/ HazardousCommodities/	Optional. Describes the type of hazardous content in the package for ground shipping of hazardous materials. See Hazardous Materials (Ground U.S.) for more information.
/DangerousGoodsDetail/ Packaging	Describes the commodity packaging as used on OP900 and OP950 forms for ground shipping of hazardous materials.
/DangerousGoodsDetail/ EmergencyContactNumber	Telephone emergency contact number for ground shipping of hazardous materials.
/DangerousGoodsDetail/Offeror	Shipper name (offeror) or contact number for ground shipping of hazardous materials. Required on all shipping papers, including OP900LL, OP900LG forms, and Hazardous Materials Certification per DOT regulation.

XML Schema

See Schema ShipService.

Hold at FedEx Location

Hold at FedEx Location (HAL) is available to customers who want to pick up a package rather than have it delivered. The shipper must select the FedEx pickup location from designated FedEx Office Print & Ship Center℠ or FedEx World Service Center® locations. You can find FedEx locations using the Web Services Locator Service WSDL.

Hold at FedEx Location Service Details

The following shipping services allow the hold at location option:

- FedEx Priority Overnight® (Saturday service available)
- FedEx Standard Overnight®
- FedEx 2Day® (Saturday service available)
- FedEx Express Saver®
- FedEx 1Day Freight®
- FedEx 2Day Freight®
- FedEx 3Day Freight®
- FedEx Ground®
- FedEx Home Delivery®

Hold at FedEx Location service is also available for certain international shipments. Services include FedEx International Priority® , FedEx International Economy® , FedEx International Economy® , and FedEx International Economy Freight® . Call 1.800,GoFedEx1.800.463.3339 and say *International Services* to confirm pickup date and time. The service is not available for FedEx SameDay® or FedEx First Overnight®.

Saturday Hold at FedEx Location Services is available for FedEx Priority Overnight and FedEx 2Day. Saturday Hold at FedEx Location service is not available for FedEx Freight. Use Registration Service to determine if Hold at FedEx Location is available for your origin-destination pair.

For FedEx Ground® and FedEx Express® shipments, customers also have the option of requesting an Adult Signature Required for pickup at the FedEx location. The standard Adult Signature Surcharge applies.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Hold at FedEx Location Coding Details

The following ShipService WSDL elements are required for Hold at Location:

Element	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	For the Hold At Location Service, you must include a SpecialServiceTypes element with the value HOLD_AT_LOCATION. **Note:** A Hold At Location Saturday Delivery indication can be implemented by setting the SpecialServicesRequested/SpecialServiceTypes to be both HOLD_AT_LOCATION and SATURDAY_DELIVERY.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/ PhoneNumber	When your Hold at Location shipment is received at the designated FedEx station, you will be notified that your shipment is ready to be picked up.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/ LocationContactAndAddress/ Contact	The contact information.
RequestedShipment/ SpecialServicesRequested/ HoldAtLocationDetail/ LocationContactAndAddress/ Address	The FedEx location address where you want to have your shipment held for pickup is required in the ship transaction. For a list of available FedEx locations, use the FedEx Locator Service to search for FedEx stations where Hold at Location is available.
VersionId	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. • Intermediate: Identifies the service interface level. • Minor: Identifies the service code level.

Note: The VersionId is required in all shipping web services request, not just HAL shipments.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the **Support** area of the Developer Resource Center at **fedex.com/developer**.

Dry Ice Shipments

Web Services can be used to ship packages containing dry ice, as long as the specifics for the dry ice shipment are included in the shipping transaction. While dry ice is not considered a Dangerous Goods material, you must clearly mark all packages that contain dry ice. For more information about dry ice, call 1.800.GoFedEx and press 81 to reach the Dangerous Goods/ Hazardous Materials Hotline.

Dry Ice Service Details

The following shipping rules apply to dry ice shipments:

- Dry ice shipping through Web Services is allowed for FedEx Express® U.S. shipments, FedEx International Economy® U.S. shipments FedEx International Economy® Freight U.S. shipments, FedEx Ground® U.S. shipments, and Canada origin FedEx Express International shipments.
- Dry ice weight must be submitted in kilograms.
- The weight entered for dry ice must be less than the total weight of the shipment.
- FedEx Ground is used for dry ice shipping with a weight limit of 70 lbs or more.
- Dry ice is considered a packing material and does not require any Dangerous Goods elements for shipping.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Dry Ice Coding Details

The following ShipService WSDL elements are required for dry ice:

Element	Description
RequestedPackages/ SpecialServicesRequested/ SpecialServiceTypes	Identifies the special service type at the package level. For dry ice packages, the valid value is: DRY_ICE
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Identifies the special service type at the shipment level. For dry ice packages, the valid value is: DRY_ICE
RequestedPackages/ SpecialServicesRequested/ DryIceWeight	Descriptive data required for a FedEx shipment containing dry ice. Descriptive data includes Weight and Units. This element is required when SpecialServiceType DRY_ICE is present in the SpecialServiceTypes collection at the package level.

Element	Description
RequestedShipment/ SpecialServicesRequested/ ShipmentDryIceDetail/ PackageCount	Number of packages in this shipment which contain dry ice.
RequestedShipment/ SpecialServicesRequested/ ShipmentDryIceDetail/ TotalWeight	Descriptive data or total weight of the dry ice for this shipment. Descriptive data includes Units and Value.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the **Support** area of the Developer Resource Center at **fedex.com/developer**.

Variable Handling Charges

If your shipping operation charges handling fees in addition to shipping charges, Web Services allows you to add these handling fees to your total shipment charge. These charges are returned in the Ship reply and can be configured to print on the 4" x 6" thermal label Doc-Tab. See Canada Export International for more information.

Note: Variable handling charges display as an individual itemized amount, and follow shipments across FedEx systems.

Variable Handling Coding Details

The elements required to add variable handling charges to your shipment rate quote are provided in the ShipService WSDL. The following table contains variable handling elements:

Element	Required	Requirements
VariableHandlingChargeDetail/ VariableHandlingChargeType	Required	Valid values are: • FIXED_AMOUNT: This value is used if you want to add a fixed handling charge to all shipments. • PERCENTAGE_OF_NET_CHARGE: This value is used if you want to have a variable handling charge calculated on the entire net charge of the shipment, including all surcharges. • PERCENTAGE_OF_NET_CHARGE_EXCLUDING_ TAXES: This value is used if you are a Canada-origin shipper and want to exclude Canadian taxes from the variable handling charge net percentage. • PERCENTAGE_OF_NET_FREIGHT: This value is used if you want to have the variable handling charge calculated as a percentage of the net freight charge, excluding any other surcharges levied on the shipment.
VariableHandlingChargeDetail/ FixedValue	Conditional	If you choose FIXED_AMOUNT as the ChargeType, this element allows you to enter the fixed value of the handling charge. The element allows entry of 7 characters before the decimal and 2 characters following the decimal. For example: if you want to enter a fixed handling amount of $5.00, enter 5.00 in the FixedValue element.

Element	Required	Requirements
VariableHandlingChargeDetail/ PercentValue	Conditional	If you choose one of the percentage handling charges in the VariableHandlingChargeType element, this element allows you to enter the percent value of the handling charge to be calculated. The element allows entry of 7 characters before the decimal and 2 characters following the decimal. For example, if you want to enter a variable handling amount of 10%, enter 10.00 in the PercentValue element.
VariableHandlingCharges/ VariableHandlingCharge	Optional	The variable handling charge amount calculated based on the requested variable handling charge detail.

Note: Variable handling charges may be processed at shipment level or package level except for Express multiple piece shipments, which must be processed at the Shipment level.

XML Schema

See Schema ShipService.

Alternate Return Address

FedEx Web Services offers an alternate return address option that allows you to override your shipper address and print a different address on the shipping label. For example, if you send a package that is undeliverable, you may use this option to display your returns processing facility address so that FedEx will return the package to that address instead of your shipping facility address.

Alternate Return Address Coding Details

The elements required to override your shipper address are provided in the ShipService WSDL. The following table contains alternate return address request elements:

Element	Required	Description
LabelSpecification/ PrintedLabelOrigin/ Contact	Optional	If present, this contact information will replace the return address information on the label. The descriptive data for a point-of-contact person.
LabelSpecification/ PrintedLabelOrigin/ Address	Optional	If present, this address information will replace the return address information on the label. The descriptive data for a physical location.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the Support area of the Developer Resource Center at **fedex.com/developer**.

Masked Data

In the ShipService WSDL, you can choose to have some data masked on the shipping label for security purposes. The shipper's account number is automatically masked.

Masked Data Coding Details

If the following element is included in the Ship request, your specified options will be masked on the shipping label:

Element	Required	Description
MaskedData	No	MaskedData allows customers to prevent the following types of information from being printed on the label. Valid values are: • CUSTOMS_VALUE • DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER • TERMS_AND_CONDITIONS • TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER

XML Schema

See Schema ShipService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the **Support** area of the Developer Resource Center at **fedex.com/developer.**

Returns Shipping

This section describes how to create and delete Return (FedEx Express® and FedEx Ground®) tag requests and how to include a FedEx Express or FedEx Ground return label in your Ship request.

You can also find more information on shipping labels in Creating a Label.

Call Tags

Use the ShipService WSDL to create and delete Return (FedEx Express and FedEx Ground) tag requests.

Before creating a Call Tag for FedEx Express shipments, you can use Express Tag Availability from the ReturnTagService WSDL to check valid pickup times.

FedEx creates and delivers a return shipping label to your customer and collects the item for return. Your customer needs to have the package ready for pickup when the FedEx driver arrives. You can schedule a pickup for the next business day (same business day for some Express packages) and up to 10 business days in advance.

Business days are Monday through Friday for commercial pickups and Tuesday through Saturday for residential pickups. FedEx makes three pickup attempts as part of the service.

Call Tag Service Details

Delivery Area

- Available for FedEx deliveries throughout the 50 United States.

- FedEx Express and FedEx Ground return labels are not available for international destinations.

- Both commercial and residential locations are allowed.

Exceptions

- No transborder service to or from Canada and Puerto Rico.

- Hazardous Materials (Ground U.S.) and Dry Ice Shipments cannot be shipped.

Additional Information

- Additional service options include residential pickup.

- The maximum declared value is $25,000USD.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Call Tag Coding Details

The following coding details apply to Call Tags:

- Up to three pickup attempts will be made for a Call Tag request before the request is canceled.
- You may request up to 99 Call Tag pickups in one transaction.
- No ground manifest is required.

ProcessTagRequest Elements

In addition to the basic shipping elements required to request a Call Tag, the following elements must be included in the ProcessTagRequest:

Element	Description
ProcessTagRequest/Shipper	Pickup location information, including contact name, company, address, etc. **Note:** This element also includes the Residential element. If you are requesting a Call Tag pickup for a residential address, you must include this element for correct surcharge calculation.
ProcessTagRequest/Recipient	Package delivery destination information, including contract name, company, address, etc. **Note:** This element also includes the Residential element. If you are requesting a Call Tag package delivery to a residential address, you must include this element for correct surcharge calculation.
ProcessTagRequest/ ReadyDateTime	The earliest time the package will be ready for pickup.
ProcessTagRequest/ LatestPickupDate Time	The latest time the package can be picked up by the carrier. This can also represent the business close time. Required for commercial/business pickup locations. The date and time information must be in the format YYYY-MM-DDHH:MM:SS. 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, 5:00 p.m. is 17:00:00). The date and time 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 and minutes from UTC (e.g., 2006-06-26T17:00:00-0400 is June 26, 2006 5:00 p.m. Eastern Time). The time entry must be between 080000 and 180000.
ProcessTagRequest/ RequestType	Specify the request type.
ProcessTagRequest/ RequestSource	Specify the request source.
ProcessTagRequest/ CourierInstructions	Additional instructions to the FedEx courier, such as package location or directions, may be added to your request.

Element	Description
ProcessTagRequest/ ShippingChargesPayment	Valid elements for payment type are: • COLLECT • RECIPIENT • SENDER • THIRD_PARTY Payor. AccountNumber and CountryCode of the payor are required in this element.
ProcessTagRequest/ SpecialServicesRequested/ SpecialServicesTypes	Special Services Type: RETURN_SHIPMENT
ProcessTagRequest/ SpecialServicesRequested/ ReturnShipmentDetail/ ReturnType	Return Type: FEDEX_TAG
ProcessTagRequest/ SpecialServicesRequested/ ReturnShipmentDetail/Rma/ Number	Return Materials Authorization. You may enter this number to identify the return authorization associated with this Tag request. The RMA number may be used to track the package.
ProcessTagRequest/ SpecialServicesRequested/ ReturnShipmentDetail/Rma/ Reason	Return Materials Authorization Reason. You may enter a reason for this return authorization associated with this Tag request.
ProcessTagRequest/ RequestedPackagesLineItems/ CustomerReferences/ CustomerReferenceType	Optional. A maximum of 30 characters is accepted in this element. This element allows customer-defined notes to print on the shipping label.
ProcessTagRequest/ RequestedPackagesLineItems/ CustomerReferences/Value	Optional. A maximum of 30 characters is accepted in this element. This element allows customer-defined notes to print on the shipping label.
ProcessTagRequest/ PackageCount	This element is required if you want to process a multiple-package shipment. FedEx allows up to 25 requests in a single transaction.
ProcessTagRequest/ RequestedPackagesLineItems/ InsuredValue/Amount	FedEx liability for each package is limited to $100USD unless a higher value is declared and paid for. Use this element if you want to declare a higher value. FedEx does not provide insurance of any kind.
ProcessTagRequest/ RequestedPackagesLineItems/ Weight/Value	If you include the PackageCount element in your request, the Weight/Value element must equal the total weight of the packages to be picked up.

Element	Description
VersionId	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.

Delete Tag Request

You may use the Ship WSDL to delete a Tag request if it has not been printed by your recipient. In addition to the standard AuthenticationDetail and ClientDetail elements required for all services, the following element is required for a DeleteTagRequest:

Element	Description
DeleteTagRequest/ ConfirmationNumber	This number is returned in the DeleteTagReply. To identify the Tag request you want to delete, this number must be included.
DeleteTagRequest/ DispatchDate	Specify the appropriate date.
VersionId	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.

XML Schema

See Schema ReturnTagService.

Express Tag Availability

Before creating a Process Tag request, you can use the ExpressTagAvailabilityRequest from the ReturnTagService WSDL to check valid pickup times. In addition to the basic FedEx Express shipping elements, the following element is required:

Element	Description
ExpressTagAvailabilityRequest	The following elements are required: • OriginAddress • ReadyDateTime. This element must contain the date and time the package will be ready for pickup. • Packaging • Service
VersionId	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.

In addition to transaction details and error conditions, the ExpressTagAvailabilityReply returns the following information:

Element	Description
VersionId	The descriptive data regarding the version and level of a service operation performed by the callee (in each reply).
AccessTime	This is the minimum time window that must be allocated for the FedEx courier to make the pickup. The difference between the Business Close Time (or the local "cutoff time" if it is earlier than the Business Close Time) and the Package Ready Time must be equal to, or exceed, the access time. **Note:** Access time requirements vary by postal code.
ReadyTime	The latest time a FedEx courier can pick up the FedEx Express Tag® package. **Note:** Ready times vary by postal code.
Availability	Indicates the FedEx Express Tag Service availability at the shipper postal code indicated in the Request. Valid responses are: • NEXT_DAY_AVAILABLE • SAME_DAY_AND_NEXT_DAY_AVAILABLE

XML Schema

See Schema ReturnTagService.

Express or Ground Printed Return Label

You can create a return label option that can be printed at the same time as your original shipment. The recipient can then apply this label to the return package as needed and drop the package off at a FedEx drop-off location. No charges are assessed until the label used. In addition, a Returns Material Authorization (RMA) reference number can be included in your ship transaction. The RMA number prints on the label and your FedEx invoice and can be used to track the return package. FedEx Express and FedEx Ground return labels are interchangeable, regardless of the original shipping service. For example, you can send the original shipment using a FedEx Express service, but include a FedEx Ground return label as part of your packing documents.

Express/Ground Return Label Service Details

The following service details apply to FedEx Express and FedEx Ground return labels:

- Available for FedEx First Overnight®, FedEx Priority Overnight®, FedEx Standard Overnight®, FedEx 2Day®, FedEx Ground®, FedEx Home Delivery®, FedEx 2Day® Freight, and FedEx 3Day® Freight throughout the 50 United States.

- FedEx Express and FedEx Ground return labels are not available for international destinations.

- FedEx Express Saver® and FedEx 1Day® Freight services are not available.

- Dangerous Goods and Hazardous Materials cannot be shipped.

- Additional service options include Saturday Service, Dry Ice Shipments, and Hold at FedEx Location.

- The maximum declared value is $1,000USD for FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight, and FedEx 2Day.

- The maximum declared value is $50,000USD for FedEx 2Day Freight and FedEx 3Day Freight.

- The maximum declared value is $100USD for FedEx Ground and FedEx Home Delivery.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Express/Ground Return Label Coding Details

The following coding details apply to FedEx Express and FedEx Ground return labels:

- Return labels do not expire.

- Returns shipments are not billed until a possession scan is initiated by FedEx and the package moves.

- Returns packages are available in FedEx Insight® after the possession scan is received by FedEx systems.

- Returns shipments can be deleted using Cancel Package until a Close is performed, either by using the Close Service for FedEx Ground or the end-of-day close performed at FedEx for Express shipments. After the shipping day is closed, returns shipments cannot be canceled.

- All label formats supported by Web Services (laser, thermal, etc.) are available for Returns shipping labels.

- You can tie outbound and Returns shipments together to track both shipments at the same time by using the Returns Material Authorization (RMA) element in both the outbound and return shipment transactions.

- Tying an outbound and returns shipment with the same RMA number also allows you to cross-reference shipping information on your FedEx invoice.

- You can also specify a return and outbound shipping e-mail label. For more information, see E-Mail Labels.

- You can override the shipper address information for a returns shipment by using the Alternate Return Address feature.

- Rate quotes are included in the reply for a returns shipment.

Returns Elements

Include the following elements in your ProcessShipmentRequest to receive a return label in your Ship reply:

Element	Required	Description
ReturnShipmentDetail/ ReturnType	Required	The type of return shipment being requested. The valid value is PRINT_RETURN_LABEL. With this option you can print a return label to insert into the box of an outbound shipment. This option cannot be used to print an outbound label.
ReturnShipmentDetail/ Rma	Optional	Return Merchant Authorization (RMA) If included, this element has two optional fields: • Number: The RMA number associated with the return shipment. Including this number in your request allows you to track by RMA number up to 20 alpha-numeric characters. • Reason: If the RMA element is included in the Ship request, the return Reason description may be entered. This element allows you to enter up to 60 alpha-numeric characters.
ReturnShipmentDetail/ e-mailLabelDetail	Optional	Describes specific information about the e-mail label shipment. You can also specify a return and outbound e-mail label. For more information, see E-Mail Labels.

Element	Required	Description
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.

XML Schema

See Schema ReturnTagService.

E-Mail Labels

You can create either an e-mail (non-returns) shipping label or an e-mail returns shipping label by using the ShipService's CreatePendingShipment RequestCancel Pending Shipment. You can also cancel either of these requests by using the ShipService's CancelPendingShipment Request.

The E-Mail Return Label option allows you to e-mail a return label directly to your customer. Your customer can then print the label, apply it to the package, and call for pickup or drop the package off at the nearest FedEx drop-off location. For your customer's convenience, the e-mail also includes links for scheduling a pickup and finding drop-off locations in the area.

E-Mail Label Service Details

The following service details apply to e-mail labels:

Delivery Area

Available for FedEx First Overnight®, FedEx Priority Overnight®, FedEx Standard Overnight®, FedEx 2Day®, FedEx Ground®, FedEx Home Delivery®, FedEx 2Day® Freight, and FedEx 3Day® Freight throughout the 50 United States.

FedEx Express and FedEx Ground return labels are not available for international destinations.

Exceptions

FedEx Express Saver® and FedEx 1Day® Freight services are not available.

Dangerous Goods and Hazardous Materials (Ground U.S.) cannot be shipped.

Additional Information

Additional service options include Saturday Service, Dry Ice Shipments, and Hold at FedEx Location.

The maximum declared value is $1,000USD for FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight, and FedEx 2Day.

The maximum declared value is $50,000USD for FedEx 2Day Freight and FedEx 3Day Freight.

The maximum declared value is $100USD for FedEx Ground and FedEx Home Delivery.

E-Mail Label Coding Details

The following coding details apply to e-mail labels:

- The e-mail label is created using elements from the CreatingPendingShipmentRequest in the ShipService WSDL for FedEx Ground or FedEx Express shipments. Requirements that apply to ground and express shipments also apply to e-mail labels.

- The e-mail label request is canceled using elements from the CancelPendingShipmentRequest in the ShipService WSDL for FedEx Ground or FedEx Express shipments. Requirements that apply to FedEx Ground and FedEx Express shipments also apply to e-mail labels.

- You may request up to 25 e-mail labels to one e-mail address using one request transaction.

- E-Mail label URLs expire according to your expiration time stamp.

- After the customer prints the label, the label does not expire but can be used indefinitely.

- A FedEx Ground Manifest is not required for an e-mail label.

- The only label format supported is laser (or plain paper).

- A surcharge is added to a returns e-mail label. No surcharge is applied to a non-return e-mail label.

- The maximum expiration date for an e-mail label must be greater or equal to the day of the label request and no greater than 30 days in future.

Return (Inbound) E-Mail Label Elements

In addition to the basic FedEx Ground or FedEx Express shipping elements required to request an e-mail label, the following elements must be included in the CreatePendingShipmentRequest:

Element	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Required. Specify the type of special service. Valid values for a return e-mail label: • PENDING_SHIPMENT • RETURN_SHIPMENT
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail	Required. Specify the Return Type. Include the following value: PENDING
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail/Rma	Optional. Includes the Rma Number and Rma Reason elements. Note that if an Rma Number is specified, the package can also be tracked by this value.
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail/ ReturnEmailDetail/ MerchantPhoneNumber	Required. Include the phone number for the merchant, such as a general customer service phone number.

Element	Description
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail/ ReturnEmailDetail/ AllowedSpecialServices	Optional. Allow specific special services for the end-user. Valid values are: • SATURDAY_DELIVERY • SATURDAY_PICKUP
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail	Required. Specify the Pending Shipment Type. Include the following value: • e-mail
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ ExpirationDate	Required. Specify the e-mail label expiration date: for example, 2009-01-31. The maximum expiration date must be greater or equal to the day of the label request and not greater than 30 days in the future.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ EmailLabelDetail/ NotificationEmailAddress	Required. E-Mail address of the end-user to be notified of the return label. This element has a 200-character maximum.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ EmailLabelDetail/ NotificationMessage	Optional. Notification message included in the e-mail to the end-user.

Non-Return E-Mail Label Elements

In addition to the basic FedEx Ground or FedEx Express shipping elements required to request an e-mail label, the following elements must be included in the CreatePendingShipmentRequest:

Element	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Required. Specify the type of special service. Include the following values for a return e-mail label: • PENDING_SHIPMENT • RETURN_SHIPMENT
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ HomeDeliveryPremiumDetail	Optional. Special service elements for FedEx Home Delivery shipments.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ ShipmentDryIceDetail	Optional. PackageCount and TotalWeight elements for Dry Ice shipments.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ EmailLabelDetail/ NotificationMessage	Optional. Notification message included in the e-mail to the end user (200-character maximum).

Element	Description
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetailEmail LabelDetail/ Notificatione-mailAddress	Required. E-Mail address of the end-user to be notified of the label.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ ExpirationDate	Required. Specify the e-mail label expiration date: for example, 2009-01-31. The maximum expiration date must be greater than or equal to the day of the label request and no greater than 30 days in future.
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Required. Specify the type of special service. Include the following value for a non-return e-mail label: PENDING_SHIPMENT
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail	Required. Specify the pending shipment type. Include the following value: EMAIL

Cancel E-Mail Label Elements

In addition to the basic FedEx Ground or FedEx Express shipping elements required to request an e-mail label, the following element must be included in the CancelPendingShipmentRequest:

Element	Description
TrackingNumber	The tracking number associated with the pending shipment to be canceled.

XML Schema

See Schema ShipService.

Delete Shipment

The Delete Shipment feature allows you to delete packages that have not already been tendered to FedEx.

FedEx Services offering this feature are FedEx Express®, FedEx Ground®, FedEx Custom Critical®.

Note: This feature does not apply to Return Tag Services, FedEx Express and FedEx Ground Return Labels, and E-Mail Return Label options.

Delete Shipment Coding Details

The following elements can be used to delete a package or shipment:

Element	Required	Description
TrackingNumber	Required	The tracking number assigned to the package. Delete requirements for MPS shipments are: • For FedEx Express International MPS shipments, if you enter the master tracking number, all packages associated with this shipment are deleted. If you attempt to delete one package in a shipment, the label sequence number will be incorrect and you may experience clearance issues in customs if you cannot account for all packages in the shipment. • For FedEx International Ground MPS shipments, if you enter any tracking number associated with the master shipment, all packages associated with the shipment are deleted. • For FedEx Ground U.S. MPS shipments, you may enter a single tracking number to delete one package in the shipment. Since FedEx Ground U.S. MPS labels are not associated with sequential numbers (1 of 2, 2 of 2), you do not need to delete the entire shipment. • For FedEx Express C.O.D. MPS shipments, enter any tracking number in the shipment to delete the entire shipment. • For FedEx Ground C.O.D. MPS shipments, you must delete each individual package.
TransactionDetail	Optional	Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.
ShipTimestamp	Optional	The timestamp of the shipment request.
DeletionControlType	Optional	Determines the type of deletion to be performed in relation to package level versus shipment level. Valid options are: • DELETE_ALL_PACKAGES • DELETE_ONE_PACKAGE • LEGACY

If you are unable to delete the package or shipment, you will receive an error condition. This error condition indicates that:

- For FedEx Ground shipments, a close has already been performed for that tracking number.

- For FedEx Express shipments, the package has already been tendered to FedEx.

- You have entered an invalid account number or meter number.

- The account number and meter number, while valid, are not associated with one another or with the tracking number.

- You entered an invalid tracking number. This applies to FedEx Ground shipments only. FedEx Express accepts any number with the correct amount of digits.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see "Appendix O: Codes" topic

FedEx Ground U.S. Shipping

Use the Shipping service to access the FedEx Ground® U.S. shipping features. See Shipping Services by Region for a list of FedEx Ground U.S. services available by region.

Ground U.S. Service Details

The following rules apply to FedEx Ground U.S. shipping:

- Shipments can originate from and be delivered to the 50 United States. Delivery between 1 to 5 business days within the contiguous U.S. and between 3 to 7 business days to and from Alaska and Hawaii.

- No Saturday pickup or delivery for FedEx Ground; shipping and delivery days are Monday through Friday (8 a.m. to close of business day). FedEx Ground delivery is not available to P.O. boxes.

- FedEx Ground accepts packages up to 150 lbs. The dimensions must not exceed 108" in length or 165" in length plus girth (L + 2W + 2H).

- Hazmat shipments are allowed with restrictions. See Hazardous Materials (Ground U.S.) for details. No hazardous materials can be shipped to or from Alaska and Hawaii.

- If the package is to a business, the service type is FedEx Ground. If the package is to a residence, the service type is FedEx Home Delivery®. For information about FedEx Home Delivery, see FedEx Home Delivery Service Details.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Ground U.S. Service Options

The following service options are available for use with FedEx Ground U.S. shipping:

- FedEx Home Delivery Service Details

- Delivery Signature Services

- FedEx Ground U.S. Collect On Delivery (C.O.D.)

- Future Day Shipping

- Hazardous Materials (Ground U.S.)

- Shipment Notification in the Ship Request

- Variable Handling Charges

- Alternate Return Address

- Masked Data

Ground U.S. Coding Details

- Both commercial and residential shipments are allowed with FedEx Ground - U.S. shipping. If you select FedEx Ground as the shipping service but are shipping to a residential address, the Ship reply returns an error and you must select Home Delivery as the shipping service. If you are unsure about the residential status of an address, use Address Validation Service to do a residential status check.

- You can bill shipping costs to your own account, your recipient's FedEx account, or a third-party FedEx account. You should always be sure you enter the appropriate FedEx account number if you want recipient or third-party billing. If the account number is missing or incorrect, you will be billed for the shipping costs.

- You can add reference elements to your Ship request, which print on the shipping label, the customer invoice, or both. See the following tables for details.

- Ground shipments that exceed the published Ground limits are considered oversize shipments. A surcharge applies to any Ground package that measures greater than 60 inches in length but equal to or less than 108 inches in length. The oversize surcharge is returned in the Ship reply. For more information regarding oversize calculations, see the electronic *FedEx Service Guide*.

- Nonstandard containers also incur an additional surcharge. The nonstandard container definition is:
    - A package not fully encased in an outer shipping container
    - A package encased in an outer shipping container made of wood
    - A drum or pail (less than 5 gallons) not fully encased in an outer shipping container made of corrugated cardboard

- Ground shipments may be created as multiple-package shipments (MPS). This means that you can request up to 20 labels to a single recipient address in a single ship transaction. These packages are not tied together on the shipping label. If, for example, you have 10 packages going to New York, they do not have sequence indicators (1 of 10, 2 of 10, etc.) on the shipping label.

Required Elements

The following elements are available to ship a FedEx Ground U.S. package:

Recipient Information

Element	Multiple Occurrence	Description
CompanyName	No	Required. The name of the company associated with the recipient.
Contact	No	Required. The name of the person receiving the shipment.

Element	Multiple Occurrence	Description
StreetLines	No	Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included. Combination of number, street name, street type, and other defining attribute. At least one line is required for a valid physical address; empty lines should not be included. Multiple occurrence field.
City	No	Required. Name of the city or town of the recipient.
StateOrProvinceCode	No	Required. Identifying abbreviation for U.S. state or Canada province. Format and presence of this field will vary, depending on country.
PostalCode	No	Required. Identification of a region (usually small) for mail and package delivery. Format and presence of this field will vary, depending on country.
Country Code	No	Identifies the recipient country.
PhoneNumber	No	Required. The recipient's phone number.
Residential	No	Optional. However, if you ship to a residential address and do not include the Residential element, your rate quote will be incorrect.

Billing

Element	Multiple Occurrence	Description
ShippingChargesPayment/ PaymentType	No	Required. Values are: • COLLECT • SENDER • RECIPIENT • THIRD_PARTY
AccountNumber	No	Required. To ensure that shipping and customs charges are billed to the correct account number, include the AccountNumber element that corresponds to the BillTo element if payment type is COLLECT, RECIPIENT, or THIRD_PARTY.
Currency	No	Required. The currency code of the monetary exchange for FedEx Services.**Note:** FedEx will provide currency conversion using Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.
CountryCode	No	The country code associated with the currency type.

Element	Multiple Occurrence	Description
CustomerReferenceType	No	Optional. This element allows you to add reference information that prints on the shipping label and on your invoice. Reference information may also be used to track packages. Values are: • BILL_OF_LADING • CUSTOMER_REFERENCE • INVOICE_NUMBER • P_O_NUMBER • SHIPMENT_INTEGRITY • STORE_NUMBER SHIPMENT_INTEGRITY prints only on the invoice. **Note:** Reference information is submitted on the shipment level. However, you may add up to four references per shipment. **Note:** See the Reference Elements with Output Location table for more information about where your reference information prints.
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.

Multiple-Package Shipment (MPS) Elements

This option is available for Express U.S. and International multiple-package shipments, Ground U.S and International multiple-package shipments, Express U.S. C.O.D. and International C.O.D. multiple-package shipments and Ground U.S. C.O.D. and International C.O.D. multiple-package shipments.

For more information about MPS see Express U.S. Multiple-Package Shipments (MPS).

Note: Up to 100 MPS packages may be created for one master shipment.

Element	Multiple Occurrence	Description
PackageCount	No	Required for MPS shipments. Total number of packages in the shipment.
SequenceNumber	No	Required if PackageCount is greater than 1. The sequence number determines the master package and is important when shipment level information is added for that package. The shipment level information added to a master package applies to all packages in the shipment.

Element	Multiple Occurrence	Description
MasterTrackingID	No	Required. The MasterTrackingID element is returned with the first package reply. This element contains both the MasterTrackingNumber and the FormID elements. The MasterTrackingID element must be added to each subsequent ship request for all other packages in the MPS shipment.
MasterTrackingID/ TrackingIDType	No	Valid values are: • EXPRESS • FREIGHT • GROUND • USPS

Package and Shipment Details

Element	Multiple Occurrence	Description
ServiceType	No	Required. Valid values are: • FEDEX_GROUND • GROUND_HOME_DELIVERY • FEDEX_FREIGHT • FEDEX_NATIONAL_FREIGHT **Note:** If you ship to a residential address, your service type must be GROUND_HOME_DELIVERY.
PackagingType	Yes	Required. Valid value is YOUR_PACKAGING.
Weight	Yes	Required. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight. For MPS shipments, each ship request must contain the package weight.
TotalWeight	No	Required for MPS shipments. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS shipment. Units and Value are included in this Element. Values for the Units element are: • LB • KG The Value element must contain actual package weight.
Dimensions/Height	Yes	Optional. Submitted in the Ship request on the package level.

Element	Multiple Occurrence	Description
Dimensions/Width	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Length	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Units	Yes	Required if dimensions (Height, Width, Length) are submitted. Values are: • IN • CM
TotalInsuredValue/Amount	No	You may enter a value in this element to declare additional value for this shipment. For MPS shipments, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. FedEx does not provide insurance of any kind.
ShipTimestamp	No	Date of shipment. For Ground and Home Delivery packages, this can be the current date or up to 10 days in the future. 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).

Label Requirements

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the ProcessShipment request (depending on your label format). More information about label printing is provided in Creating a Label.

To determine if special options apply at the shipment level (controls every package in the MPS) or at the package level (levied for a particular package), refer to the following chart:

Shipping Option	Package vs. Shipment Level
Delivery Signature Options	Shipment
Hazmat	Shipment
Reference Elements	Package
Shipment Notification	Package

FedEx Home Delivery Convenient Delivery Options

You may also choose from three convenient delivery options for your FedEx Home Delivery shipments:

- FedEx Date Certain Home Delivery®: FedEx contacts the recipient (recipient's phone number is required in transaction) and schedules a specific date for package delivery.

- FedEx Evening Home Delivery®: Just like "Date Certain Delivery," FedEx contacts the customer (recipient's phone number is required in transaction) and schedules an evening package delivery.

- FedEx Appointment Home Delivery®: This option is time-specific. If you want your package delivered at 1:30 on Tuesday, FedEx calls the recipient to confirm this date and time. The recipient phone number is required in the transaction.

Note: FedEx Home Delivery Convenient Delivery Options are requested on the package level and incur surcharges.

Elements for FedEx Home Delivery Convenient Delivery Options

Element	Description
HomeDeliveryPremiumDetail/ HomeDeliveryPremiumType	Valid values are: • APPOINTMENT • DATE_CERTAIN • EVENING
HomeDeliveryPremiumDetail/Date	Required for Date Certain Home Delivery. Valid dates are Monday through Saturday.
HomeDeliveryPremiumDetail/ DeliveryInstructions	Optional. Allows additional delivery instructions are for any FedEx Home Delivery Convenient Delivery Options.
HomeDeliveryPremiumDelivery/ PhoneNumber	Required for Date Certain and Appointment Home Delivery. FedEx contacts the recipient at this number to schedule delivery.

Reply Elements

In the ShipResponse/ProcessShipmentReply, the following elements are returned:

- Error messages with severity

- Tracking number(s): Assigned to all packages. For FedEx Ground C.O.D., you receive the origin shipment-status tracking number and the C.O.D. return payment tracking number.

- Rates and surcharges: For more information, see Registration Service.

- Service commitment

- Routing code

- Origin commitment

- Time in transit detail

- Station ID (where applicable)

Reference Elements with Output Location

The ShipService WSDL includes these CustomerReference/CustomerReferenceType elements:

Value	Prints
BILL_OF_LADING	Shipping label and invoice.
CUSTOMER_REFERENCE	Shipping label, Ground shipping reports, and in the Customer Reference element on the invoice.
INVOICE_NUMBER	Shipping label and invoice.
P_O_NUMBER	Shipping label and invoice.
SHIPMENT_INTEGRITY	Invoice.
STORE_NUMBER	Shipping label and invoice.

Note: Additional surcharges apply to FedEx Home Delivery Convenient Delivery Options.

Note: These elements can also be configured to print on the thermal label Doc-Tab. For more information, see the Canada Export International.

Note: You may use reference elements to track packages or to tie packages together for a single track request.

XML Schema

See Schema ShipService.

FedEx Home Delivery Service Details

The following rules apply to FedEx Home Delivery (residential flag checked):

- Shipment can originate from and be delivered to the 50 United States, although longer transit times apply to Alaska and Hawaii.

- Shipping and delivery days are Tuesday through Saturday from 9 a.m. to 8 p.m.

- Package weight and size can be up to 70 lbs, 108 inches in length, or 165 inches in combined length plus girth (L+2W+2H).

- Home Delivery is not available to P.O. boxes.

- No hazmat except ORM-D packages: see Hazardous Materials (Ground U.S.) for details.

- Options include Delivery Signature Services, Signature Proof of Delivery (SPOD), and FedEx SmartPost Shipping.

- Nonstandard packaging: Include this element in your transaction to indicate that your shipment is packaged in a nonstandard or irregularly shaped container (such as a pail). A surcharge may apply. Contact FedEx Ground Customer Service at 1.800.Go.FedEx, 1.800.463.3339 for guidelines or to find out if your packaging is nonstandard.

- For shipments including alcohol, see Alcohol Shipping for more information.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

FedEx Home Delivery Convenient Delivery Options

FedEx Home Delivery is part of FedEx Ground shipping. You can use FedEx Home Delivery to ship packages to residential addresses. You can use the basic FedEx Ground transaction for FedEx Home Delivery shipments. You can also use the following options as needed:

FedEx Date Certain Home Delivery

Use this convenient delivery option to specify a delivery date for FedEx Home Delivery. For example, if your recipient is available to accept packages on Thursdays only, you may enter a specific Thursday as the delivery date in your shipping transaction.

FedEx Evening Home Delivery

Use this convenient delivery option to specify delivery between 5 p.m. and 8 p.m., based on the recipient's local time zone.

FedEx Appointment Home Delivery

Use this convenient delivery option to specify an appointment for delivery. The recipient is contacted by the local FedEx Home Delivery terminal when the shipment arrives, to set a delivery appointment.

Hazardous Materials (Ground U.S.)

FedEx Web Services supports FedEx Ground® hazardous materials (hazmat) shipping under 49CFR — FedEx Ground regulations.

Note: For FedEx Express® services, these types of shipments are referred to as Dangerous Goods.

Hazardous Materials Service Details

The following service details apply to hazardous materials shipments:

- Ship, rate, and track services are available for Dangerous Goods shipments for HazMat, ORM-D, Dry Ice, Small Quantity Exception, and HazMat/NonHazMat Lithium Battery.

- FedEx Ground provides reliable delivery of hazardous materials in all U.S. states except Alaska and Hawaii.

- FedEx Ground HazMat weight is limited to 70 lbs.

- If you have not shipped hazardous materials with FedEx Ground before, contact your FedEx account executive first. FedEx needs to confirm that you have met government training requirements and can generate the documentation your shipments need.

- Additional information regarding hazardous materials shipping is provided at **fedex.com/us/services/options** under the Hazardous Materials link.

- OP900LL and OP900LG forms are returned in the shipment reply. See Shipping Document Service for more information.

- OP950, the Shipper's Hazardous Materials Certification report, prints after a successful Ground close. See Close Shipment for more information.

- Hazmat shipments must be single package. If you create a multiple-package (MPS) hazmat shipment, only one commodity prints on the OP950.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Hazardous Materials Coding Details

In addition to the basic elements required for a FedEx Ground ship request using the ShipService WSDL, the following elements are required to create a hazmat ship request:

Element	Description
/DangerousGoodsDetail/Options	Set to HAZMAT.
/HazardousCommodities/ HazardousCommodityContent	Describes the kinds and quantities of all hazardous commodities in the package, including customer-specified options for handling and regulatory identifiers.

Element	Description
HazardousCommodityContent/Description/ID	Hazardous material regulatory commodity identifier referred to as Department of Transportation (DOT) location ID number (UN or NA).
HazardousCommodityContent/Description/ PackagingGroup	Hazardous material packaging group.
HazardousCommodityContent/Description/ ProperShippingName	Hazardous material proper shipping name. Up to three description lines of 50 characters each are allowed for a hazmat shipment. These description elements are formatted on the OP950 form in 25-character columns (up to 6 printed lines).
HazardousCommodityContent/Description/ TechnicalName	Hazardous material technical name.
HazardousCommodityContent/Description/ HazardClass	DOT hazardous material class or division.
HazardousCommodityContent/Description/ SubsidiaryClasses	Hazardous material subsidiary classes.
HazardousCommodityContent/Description/ LabelText	DOT diamond hazard label type. Can also include limited quantity or exemption number.
/HazardousCommodities/ HazardCommodityPackagingDetail	The number and units used for hazardous material packaging.
/HazardousCommodities/ HazardCommodityQuantityDetail	The quantity of hazardous materials in the shipment and the unit type (e.g., gal = gallons).
DangerousGoodsDetail/ EmergencyResponseContactNumber	Valid contact name in case of emergency.
/DangerousGoodsDetail/Offeror	Shipper name (offeror) or contact number. Required on all shipping papers, including OP900LL, OP900LG forms, and Hazardous Materials Certification per DOT regulation.

Note: Hazardous material must be specified at the package level, not at the shipment level.

Note: For more information regarding DOT requirements for hazardous material elements, go to **fedex.com/us/services/options/hazmat**.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the **Support** area of the Developer Resource Center at **fedex.com/developer**.

Future Day Shipping

FedEx Web Services allows you to perform future day shipping for all supported FedEx shipping types.

Future Day Service Details

The following service details apply to future day shipping:

- Future day shipping is available for FedEx Express® U.S., FedEx Express® International, FedEx Ground® U.S., and FedEx Ground® International shipping between all origin and destination pairs supported by FedEx Web Services.

- Express packages may be created with a future ship date up to 10 days in advance. ®FedEx Ground future day shipments may be created up to 10 days in advance.

- You may delete future day shipments up until the ship date.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Future Day Coding Details

The following ShipService WSDL elements are required to code a future day shipment:

Element	Requirements
ShipmentSpecialServicesRequested/ SpecialServiceType	Future day shipping is considered a special service. For future day shipping, FUTURE_DAY_SHIPMENT must be included in the ship request.
ProcessShipmentRequest/ RequestedShipment/ShipTimestamp	The ShipTimestamp must be included in the Ship request. For future day shipping, the following parameters apply: • For Express shipping, entry must be less than or equal to 10 days in the future. • For Express freight, entry must be less than or equal to 5 days in the future. 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).

XML Schema

See [Schema ShipService](#).

Error Messages

For error messages, see the "Appendix O: Codes" topic of the Web Services Developer Guide in the Support area of the Developer Resource Center at **fedex.com/developer**.

FedEx Express International Shipping

FedEx Web Services offers FedEx Express® International shipping from anywhere-to-anywhere, which means that you can create shipping transactions both to and from any prescribed country whose service is supported by FedEx. See FedEx International Ground Shipping for more information about that service.

See Shipping Services by Region for a list of Express International services available by region.

Express International Service Details

FedEx International services include Express, Ground, and all international shipping. Estimated duties and taxes calculations are now available. Contact your FedEx account executive for more information.

FedEx International First

FedEx International First® provides delivery in 1 or 2 business days. Check transit times for availability.

- Service days are Monday through Friday, with Saturday pickup available in many areas for an additional charge.
- Inbound delivery to select U.S. postal codes from 60 countries in 1 or 2 business days.
- Outbound delivery to many destinations in Belgium, England, France, Germany, Italy, the Netherlands, Spain, and Switzerland as early as 9 a.m. in 2 business days.
- Package size and weight up to 150 lbs each; 108" in length; 130" in length plus girth (L+2W+2H).
- Door-to-door, customs-cleared service.
- Options include FedEx Express International (Saturday) and Dangerous Goods support for Dry Ice Shipments only.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

FedEx International Priority

FedEx International Priority® provides time-definite delivery, typically in 1, 2, or 3 business days, and to major cities in Europe and Canada, typically in 2 business days. Check transit times for availability.

- Service days are Monday through Friday, with FedEx Express International (Saturday) available in many areas.
- Available in more than 220 countries and territories.

- Package size and weight up to 150 lbs each; 108" in length; 130" in length plus girth (L+2W+2H).

- Door-to-door, customs-cleared service. The European network provides next-business-day delivery between 38 major European markets. The Asian network gives you next-business-day delivery within Asia and from Asia to the U.S.

- Options include FedEx Express International (Saturday), FedEx International Broker Select, Commercial Destination Control, Dangerous Goods, and Hold at FedEx Location.

FedEx International Economy

FedEx International Economy® provides delivery typically in 2 to 5 business days, and in 2 or 3 business days to Canada, Mexico, and Puerto Rico. Check transit times for availability. The business rules are as follows:

- Service days are Monday through Friday, with Saturday delivery available in countries where Saturday is a regular business day.

- Available in more than 215 countries and territories.

- Package size and weight up to 150 lbs each, 108" in length, 130" in length plus girth (L+2W+2H).

- Door-to-door, customs-cleared delivery to major world markets.

- Options include FedEx Express International (Saturday), FedEx International Broker Select, Dry Ice Shipments, and Dangerous Goods to U.S., Canada and Puerto Rico only.

FedEx Europe First

FedEx Europe First provides intra-European next day, door-to-door, customs-cleared (where applicable) service with early morning delivery by 9 a.m., 9:30 a.m., or 10 a.m., depending on the destination postal code.

- Days of Operation: Monday through Friday. Pick ups on Friday are delivered on Monday

- Delivery Commitment: Depending on the destination postal code, the service delivery commitment will be either 9 a.m., 9:30 a.m., or 10 a.m.

- Origins: Next-day delivery service is available to Europe from the following origin countries: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

- Destinations: Available to more than 18,000 postal codes in major business centers in Austria, Belgium, France, Germany, Great Britain, Ireland, Italy, the Netherlands, Spain, and Switzerland.

- Available packaging:

  o FedEx Europe First Customer Own packaging

  o FedEx Europe First Envelope

  o FedEx Europe First Pak

- o   FedEx Europe First 10kg Box

- o   FedEx Europe First 25kg Box

- Packaging Restrictions: FedEx packaging is available free of charge: FedEx® Envelope, FedEx® Pak, FedEx® Tube, FedEx Box, FedEx® 10kg Box, FedEx® 25kg Box. Customer own packaging is also accepted. MPS shipments are allowed.

- Size Restrictions: In general, packages up to 274 cm length (108"), 330 cm length and girth combined (130") [length and girth = length + 2xheight + 2xwidth] are accepted.

- Weight Restrictions: Packages up to 68 kg are accepted (this can vary by country). As a general rule, there is no limit per shipment. Dimensional Weight applies to packaging other than FedEx Letter (FL), FedEx Pak (FP) and single-piece FedEx boxes and tubes.

- At what price: A FedEx Europe First delivery fee in addition to your International Priority rate. You can also benefit from the FedEx 10kg Box and FedEx 25kg Box special rates. The extra delivery fee varies by destination postal code.

Express International Service Options

The following service options are available for use with FedEx Express International shipping:

- Delivery Signature Services

- FedEx Express International (Saturday)

- Intra-Mexico Express Service

- Dangerous Goods

- Dry Ice Shipments

- Alternate Return Address

- Mask Account Number (International Ground)

- Masked Data

- Shipment Notification in the Ship Request

- Variable Handling Charges

- Commercial Destination Control

- FedEx International Broker Select

- FedEx InSight

International Packaging Options

In addition to standard FedEx Express packaging, you may also choose a FedEx 10kg Box or a FedEx 25kg Box. The weight limit is 22 lbs for a FedEx 10kg Box and 55 lbs for a FedEx 25kg Box. These packaging options are allowed for FedEx International Priority® to more than 220 countries and territories.

Express International Coding Details

Before you begin coding FedEx Express® International shipping options, note the following:

- FedEx Express International shipments are created using the ShipService WSDL.

- FedEx Express International allows multiple-package shipping (MPS). MPS Express International shipments are associated with one another using a package sequence indicator. For example, if you ship 5 boxes of baseballs to London, the master package label has a package sequence indicator of 1 of 5. All other packages associated with this master will have package sequence indicators of 2 of 5, 3 of 5, etc. The purpose of this type of MPS processing is to ensure that packages grouped together on one Commercial Invoice travel through the FedEx system together and arrive at customs at the same time.

- You may ship both documents and commodity shipments.

- International Freight shipping is available to Puerto Rico.

- For shipments to countries that accept an Electronic Commercial Invoice (ECI), FedEx Web Services uploads your commodity information (entered as part of the Ship request) to that country's customs clearance center to expedite clearance requirements. Use FedEx International Broker Select to provide your Commercial Invoice and any other required customs paperwork.

- Use FedEx® Electronic Trade Documents to automatically generate copies of customs documents. See FedEx Electronic Trade Documents/Upload Document Service for more information.

- If you are new to international shipping and need assistance with customs rules, documents, and clearance requirements, FedEx® Global Trade Manager, located at **gtm.fedex.com/GTM?cntry_code=us&link=1&lid=//International//Pack+GTM+Corp**, provides the information you need to reduce the time it takes to clear packages through customs.

Creating an International Multiple-Package Shipment (MPS)

You may use Web Services to tie international packages together that have to clear on a single Commercial Invoice. To tie international shipments together as a multiple-package shipment (MPS):

- The first package in the shipment request is considered the master package. Any shipment-level information (TotalWeight, PackageCount, SignatureOption, GAA) is included on the master package. The SequenceID for this package is 1.

- In the master package reply, the tracking number assigned to that package is included in the MasterTrackingID element for all subsequent packages. The SequenceID is also required for each child package.

- When shipping commodities, the entire list of all the commodities in the shipment must be included in the ship request for each package so the commodity values are calculated correctly.

Note: The maximum number of packages in an MPS request is 100.

This option is available for FedEx Express U.S. and International multiple-package shipments, Ground U.S. and International multiple-package shipments, Express U.S. C.O.D. and International C.O.D. multiple-package shipments and Ground C.O.D. and International C.O.D. multiple-package shipments.

For more information about MPS, see Express U.S. Multiple-Package Shipments (MPS).

Document Shipments

Shipment contents that are considered to be non-dutiable are known as document shipments. In addition to basic elements (including shipper elements) required for all shipping transactions and described in the Introduction, the following elements are available to create a FedEx Express International document shipment:

Note: For FedEx Express International MPS shipments, if one package is a document, then all packages in the shipment must be documents. This is also true for commodity shipments and document shipments cannot be combined in an MPS shipment.

Recipient Information

Element	Multiple Occurrence	Description
RequestedShipment/ Company	No	Required if Contact name is blank.
RequestedShipment/Contact	No	Required if Company name is blank.
RequestedShipment/ StreetLines	Yes	At least one street address line is required.
RequestedShipment/City	No	Required.
RequestedShipment/ StateOrProvinceCode	No	Required only if recipient country is U.S. or Canada, or if EEI applies and country is Mexico (MX).
RequestedShipment/ PostalCode	No	Required only if recipient country is a postal aware country.
RequestedShipment/ UrbanizationCode	No	Relevant only to addresses in Puerto Rico, where multiple addresses within the same postal code can have the same house number and street name. When this is the case, the urbanization code is needed to distinguish them.
RequestedShipment/ CountryCode	No	Required. Identifies the recipient country.
RequestedShipment/ PhoneNumber	No	Required.
TinType/TinNumber	No	Tax Identification Number. Specify the Employer Identification Number (EIN). Required if duties, taxes, and fees are billed to recipient.

Element	Multiple Occurrence	Description
Address/Residential	No	This element is optional for shipments to the U.S. and Canada. However, to receive an accurate rate quote, this element must be included in the Ship request.

Billing

Element	Multiple Occurrence	Description
ShippingChargesPayment/ PaymentType	No	Required. Values are: • COLLECT (Ground) • SENDER • RECIPIENT • THIRD_PARTY
AccountNumber	No	Required if PaymentType element is RECIPIENT or THIRD_PARTY.
Currency	No	Required. **Note:** FedEx will provide currency conversion using Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.
CountryCode	No	Required. The country code associated with the shipper's FedEx account billing currency type.
CustomerReferenceType	No	Optional. This element allows customer-defined notes to print on the shipping label. The reference element is also used to track by reference. Valid values are: • BILL_OF_LADING • CUSTOMER_REFERENCE • INVOICE_NUMBER • P_O_NUMBER • SHIPMENT_INTEGRITY • STORE_NUMBER **Note:** You can add up to four references per shipment. SHIPMENT_INTEGRITY prints only on the invoice.
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.

MPS Elements

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. For more information about MPS, see Express U.S. Multiple-Package Shipments (MPS).

Note: Up to 100 MPS packages can be created for one master shipment.

Element	Multiple Occurrence	Description
PackageCount	Yes	Required for MPS shipments. Total number of packages in the MPS shipment.
SequenceNumber	Yes	Required if PackageCount is greater than 1.
MasterTrackingID	Yes	Required for MPS shipments. The MasterTrackingID element is returned for the first package in an MPS shipment. This element must be included on all subsequent shipments to tie these packages together. **Note:** The MasterTrackingID element includes the MasterTrackingNumber and FormID. Both simple elements are required.

Note: For additional coding details, see Express U.S. Multiple-Package Shipments (MPS).

Shipment/Package Information

Element	Multiple Occurrence	Description
ServiceType	No	Required. Values are: • EUROPE_FIRST_INTERNATIONAL_PRIORITY (for intra-Europe shipment only). • INTERNATIONAL_ECONOMY • INTERNATIONAL_FIRST • INTERNATIONAL_PRIORITY • INTERNATIONAL_ECONOMY_FREIGHT • INTERNATIONAL_PRIORITY_FREIGHT
PackagingType	Yes	Required. Values are: • FEDEX_10KG_BOX • FEDEX_25KG_BOX • FEDEX_BOX • FEDEX_ENVELOPE • FEDEX_PAK • FEDEX_TUBE • YOUR_PACKAGING

Element	Multiple Occurrence	Description
AdmissibilityPackageType	Yes	If you select YOUR_PACKAGING as the package type, this element is required for packages traveling to and from the U.S., Canada, and Puerto Rico.
Weight	Yes	Required. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight. For MPS shipments, each ProcessShipment request must contain the package Weight.
TotalWeight	No	Required for MPS shipments. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS shipment. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight.
Height	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Width	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Length	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Units		Required if dimensions are specified. Values are: • IN • CM
InternationalDocument ContentType	No	Required. Values are: • DOCUMENTS_ONLY • NON_DOCUMENTS
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450.
Commodity/ CountryOfManufacture	Yes	Optional. Country code where document contents were produced in their final form.

Element	Multiple Occurrence	Description
InsuredValue/Amount	No	**Note:** Some countries require a minimum document declared value of $1USD.
		FedEx liability for each package is limited to $100USD unless a higher value is declared and paid for. Use this element if you want to declare a higher value. FedEx does not provide insurance of any kind.
		For FedEx Express International MPS, the master package should contain the total declared value/ carriage value. No declared value/carriage value is added to the subsequent child packages.
RequestedShipment/ ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT.
		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).
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express international shipments, this value can be current date or up to 10 days in future.

Label Requirements

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the Label Specification complex type element should be included in the Ship reply (depending on your label format). More information about label printing is provided in Creating a Label.

In addition to these elements, you may choose these shipping options for a document shipment:

- Hold at FedEx Location (depending on origin/destination pair and service)
- Shipment Notification in the Ship Request
- Alternate Return Address
- FedEx Express International (Saturday) (depending on origin/destination pair and service)
- FedEx International Broker Select
- FedEx InSight

Shipping Option	Package vs. Shipment Level
Dangerous Goods	Shipment
Delivery Signature Options	Shipment
Dry Ice	Shipment
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment
Inside Pickup	Shipment
Notification	Shipment
Reference Elements	Package
Saturday Services	Shipment
Variable Handling Charge	Package

Commodity Shipments

Shipment contents that are considered to be dutiable are known as commodity shipments. In addition to the basic elements required for all shipping requests described in the Introduction, the following elements are required to create a FedEx Express International commodity shipment.

When shipping commodities, the entire list of all the commodities in the shipment must be included in the ship request for each package so the commodity values are calculated correctly.

Note: For FedEx Express International MPS shipments, if one package is a commodity shipment, then all packages in the shipment must contain commodities. Commodity and document shipments cannot be combined in an MPS shipment.

Recipient Information

Element	Multiple Occurrence	Description
RequestedShipment/ Company	No	Required if Contact name is blank.
RequestedShipment/Contact	No	Required if Company name is blank.
RequestedShipment/ StreetLines	Yes	At least one street address line is required.
RequestedShipment/City	No	Required.
RequestedShipment/ StateOrProvinceCode	No	Required only if recipient country is U.S. or Canada, or if EEI applies and country is Mexico (MX).
RequestedShipment/ PostalCode	No	Required only if recipient country is a postal aware country.

Element	Multiple Occurrence	Description
RequestedShipment/ UrbanizationCode	No	Relevant only to addresses in Puerto Rico, where multiple addresses within the same postal code can have the same house number and street name. When this is the case, the urbanization code is needed to distinguish them.
RequestedShipment/ CountryCode	No	Identifies the recipient country code.
RequestedShipment/ PhoneNumber	No	Required.
TinType/TinNumber	No	Tax Identification Type and Tax Identification Number. Specify the Employer Identification Number (EIN). Required if duties, taxes, and fees are billed to recipient.
Address/Residential	No	This element is optional for shipments to the U.S. and Canada. However, to receive an accurate rate quote, this element must be included in the ProcessShipment request.
RequestedShipment/ ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT. 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).
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express International shipments, this value can be the current date or up to 10 days in the future.

Billing Details

Element	Multiple Occurrence	Description
TaxpayerIdentification/ TinType	No	Required for non document shipments to Brazil. Valid values are: • Passport Number • Individual Tax ID • Company Tax ID **Note:** This type must match the data entered in the TaxpayerIdentification/Number element. **Note:** This element is not required but should be added for recipient billing of duties, taxes, and fees.

Element	Multiple Occurrence	Description
TaxpayerIdentification/ Number	No	Required for shipments to Brazil. Depending on the TinType submitted, include the tax ID number for the recipient. Also required if you included the TaxpayerIdentification/TinType element in the Ship Request.
ShippingChargesPayment/ PaymentType	No	Required. Values are: • COLLECT (Ground) • SENDER • RECIPIENT • THIRD_PARTY
AccountNumber	No	Required if PaymentType element is RECIPIENT or THIRD_PARTY.
Currency	No	Required. FedEx will provide currency conversion using Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.
CountryCode	No	Optional. Country code associated with the currency.

MPS Elements

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.

For more information about MPS, see Express U.S. Multiple-Package Shipments (MPS).

Note: The maximum number of packages in an MPS request is 100.

Element	Multiple Occurrence	Description
PackageCount	Yes	Required for MPS shipments. Total number of packages in the MPS shipment.
SequenceNumber	Yes	Required if PackageCount is greater than 1.
MasterTrackingID	Yes	Required for MPS shipments. The MasterTrackingID element is returned for the first package in an MPS shipment. This element must be included on all subsequent shipments to tie these packages together. **Note:** The MasterTrackingID element includes the MasterTrackingNumber and FormID. Both simple elements are required.

Shipment/Package Information

Element	Multiple Occurrence	Description
ServiceType	No	Required. Values are: • EUROPE_FIRST_INTERNATIONAL_PRIORITY (for intra-Europe shipment only) • INTERNATIONAL_ECONOMY • INTERNATIONAL_FIRST • INTERNATIONAL_PRIORITY • INTERNATIONAL_ECONOMY_FREIGHT • INTERNATIONAL_PRIORITY_FREIGHT
PackagingType	Yes	Required. Values are: • FEDEX_10KG_BOX • FEDEX_25KG_BOX • FEDEX_BOX • FEDEX_ENVELOPE • FEDEX_PAK • FEDEX_TUBE • YOUR_PACKAGING
AdmissibilityPackageType	Yes	Required for packages traveling to and from the U.S., Canada, and Puerto Rico.
Weight	Yes	Required. Units and Value are included in this Element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight. For MPS shipments, each ship request must contain the package Weight.
TotalWeight	No	Required for MPS shipments. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS shipment. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight.

Element	Multiple Occurrence	Description
CustomerReferenceType	No	Optional. This element allows customer-defined notes to print on the shipping label. The reference element is also used to track by reference. Valid values for this element are: • BILL_OF_LADING • CUSTOMER_REFERENCE • INVOICE_NUMBER • P_O_NUMBER • SHIPMENT_INTEGRITY • STORE_NUMBER SHIPMENT_INTEGRITY prints only on the invoice. **Note:** Reference information is submitted on the shipment level. However, you may add up to three references per shipment.
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.
Height	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Weight	Yes	Optional but recommended your package type is CUSTOMER_PACKAGING.
Length	Yes	Optional but recommended if your package type is CUSTOMER_PACKAGING.
Units		Required if dimensions are specified. Values are: • IN • CM
InsuredValue/Amount	No	Optional. You may enter a value in this element to declare additional value for this shipment. For MPS shipments, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. FedEx does not provide insurance of any kind.
InternationalDocument ContentType	No	Required. Values are: • DOCUMENTS_ONLY • NON_DOCUMENTS

Element	Multiple Occurrence	Description
RequestedShipment/ ShipTimeStamp	No	Required. Time of shipment based on shipper's time zone. Defaults to CDT. 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).
RequestedShipment/Date	No	Required. Date of shipment. For FedEx Express international shipments, this value can be current date or up to 10 days in future.

Label Requirements

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the Ship reply (depending on your label format. More information about label printing is provided in Creating a Label.

International Clearance Requirements

Element	Multiple Occurrence	Description
TermsOfSale	No	Required for commodity shipments. Valid values: • FCA/FOB (Free Carrier/Free On Board): Seller is responsible for all costs of delivering goods to destination. (Default) • CIP/CIF (Costs, Insurance Paid/Carriage Insurance Freight): Seller is responsible for freight insurance, and miscellaneous charges to destination. • CPT/C&F (Carriage Paid To/Costs and Freight): Seller is responsible for cost of freight to destination; buyer is responsible for insurance. • EXW (Ex Works): Seller makes goods available to buyer. Buyer is responsible for delivering goods to destination. • DDU (Delivered Duty Unpaid): Seller is responsible for delivering goods to destination. Buyer is responsible for clearing goods through Bureau of Customs and Border Protection. • DDP (Delivered Duty Paid): Seller is responsible for delivering goods to destination, including duties, taxes, and miscellaneous fees.
FreightCharge/Amount	No	Required if the Terms of Sale element is either CF or CIF. This charge must be added to the total customs value amount.
InsuranceCharge/Amount	No	Required if the Terms of Sale element is CIF. This charge must be added to the total customs value amount.
RegulatoryControlType	No	Identities the type of regulatory control. Valid values include: • EU_CIRCULATION. • FOOD_OR_PERISHABLE. • NAFTA. • FOOD_OR_PERISHABLE is required by the FDA/BTA for food or perishable items coming to the U.S. and Puerto Rico (except for shipments from PR to the U.S. or U.S. to PR) containing food items. • EU_CIRCULATION is required for shipments between European Union countries. The EU indicator prints on the shipping label.
CustomsValue	No	For MPS shipments, this element must contain the total value declared to the Bureau of Customs and Border Protection for all packages in the shipment.

Element	Multiple Occurrence	Description
Purpose	No	Optional. To facilitate customs clearance and to ensure that duties, taxes, and fees are correctly assessed, enter a valid purpose. Valid values are: • Sold • Not Sold • Gift • Sample • Repair and Return • Personal Effects

Commodity Information

Note: A maximum of 20 occurrences of commodity line item information is supported in the ShipService WSDL. Commodity information must be included in the ship request for all packages in an MPS shipment.

Element	Multiple Occurrence	Description
Commodity/NumberOfPieces	Yes	Required. Total number of packages in this shipment.
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450.
Commodity/ CountryOfManufacture	Yes	Required. Code of country in which commodity contents were produced or manufactured in their final form.
Commodity/HarmonizedCode	Yes	Optional. To expedite customs clearance, especially if the Customs Value is greater than $2,500USD or if a valid U.S. export license is required, include valid Harmonized Codes for all commodities.
Commodity/Quantity	Yes	Total quantity of an individual commodity within the shipment (used in conjunction with Commodity Unit of Measure). Must be included for each commodity.
Commodity/ExportLicense Number	Yes	To expedite customs clearance, especially if the Customs Value is greater than $2,500USD or if the Foreign Trade Regulations (FTR) number is not supplied. Applies to U.S. export shipping only.
Commodity/ExportLicense ExpirationDate	Yes	Required only if a commodity is shipped on a commercial export license and the export license number is supplied. Applies to U.S. export shipping only.
Commodity/ CIMarksAndNumbers	Yes	An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment. Required only for the FedEx CI.

Element	Multiple Occurrence	Description
Commodity/Units	Yes	Required. Unit of measure (for example, EA = each, DZ = dozen) of each commodity in the shipment.
Commodity Weight	Yes	Required. Corresponding value for Units. For example, if you use LB as the Units type, you must enter the weight in lbs for that commodity.
Commodity/UnitPrice	Yes	Required. Customs value for each commodity in the shipment.
Commodity/Amount	Yes	At least one occurrence is required for international commodity shipments. The Commodity/Amount must equal the commodity UnitPrice times Units.
CommercialInvoice/ Comments	Yes	Optional. A maximum of four occurrences per commodity may be included.
TaxesMiscellaneousCharges/ Amount	No	Optional. This must be added to the total customs value amount if submitted.

If the recipient and the importer are not the same, the following importer elements are required:

Element	Multiple Occurrence	Description
customsClearanceDetail/ ImporterofRecord	No	Required if the recipient and importer are not the same. The following elements are included: • AccountNumber • TIN (Tax Payer Identification) • Contact • Address

In addition to the preceding elements, you may also choose from the following shipping options for a commodity shipment:

- Hold at FedEx Location (depending on origin/destination pair and service)
- Shipment Notification in the Ship Request
- Alternate Return Address
- FedEx Express International (Saturday) (depending on origin/destination pair and service)
- FedEx International Broker Select
- FedEx InSight

Shipping Option	Package vs. Shipment Level
Dangerous Goods	Shipment
Dry Ice	Shipment

Shipping Option	Package vs. Shipment Level
Future Day	Shipment
Hold at Location	Shipment
Inside Delivery	Shipment
Inside Pickup	Shipment
Reference Elements	Package
Saturday Services	Shipment
Shipment Notification	Shipment
Signature Options	Shipment
Variable Handling Charge	Package

Reply Elements

In addition to the standard reply elements for all ship requests, the following Express International elements are returned:

Element	Description
MasterTrackingID/Tracking Number	Returned for international MPS shipments.
MasterTrackingID/FormID	Returned for international MPS shipments.
Taxes/TaxType/HST	Returned for Canadian origin shipments.
Taxes/TaxType/GST	Returned for Canadian origin shipments.
Taxes/TaxType/PST	Returned for Canadian origin shipments.
SurchargeType/Offshore	Returned for international shipments.
SurchargeType/EuropeFirst	Returned for intra-Europe shipments using Europe First service.

Reference Elements with Output Location

The ShipService WSDL includes these CustomerReference/CustomerReferenceType options:

Value	Prints
BILL_OF_LADING	Shipping label and invoice.
CUSTOMER_REFERENCE	Shipping label, ground shipping reports, and in the Customer Reference element on the invoice.
INVOICE_NUMBER	Shipping label and invoice.
P_O_NUMBER	Shipping label and invoice.
SHIPMENT_INTEGRITY	Invoice.
STORE_NUMBER	Shipping label and invoice.

Commercial Destination Control

For shipments that travel under an ITAR exemption or ITAR license outbound from the U.S., Puerto Rico, the Virgin Islands, and all other U.S. territories to all other international destinations, the Department of State Commercial Destination Control Statement (DCS) must be printed on your thermal or laser shipping label, the Commercial Invoice, and any supporting export documents accompanying these shipments. Web Services provides three elements in the ShipService WSDL for you to have the appropriate DCS on your shipping label.

Commercial Destination Control Service Details

There are two types of Department of State shipments:

- Exempt: Department of State exempt statements are allowed for all FedEx International services except FedEx Ground® International shipments to Canada.

- Licensable: Licensable Department of State shipments are allowed for FedEx International Priority® and FedEx International Priority® Freight services only.

Note: Shipments from the U.S., Puerto Rico, or the U.S. Virgin Islands to Guam, American Samoa, or Northern Mariana Islands are excluded from this requirement.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Commercial Destination Control Coding Details

Required elements for printing the Commerce Destination Control Statement on your shipping label are provided in the ShipService WSDL:

Element	Required	Description
customsClearance DetailcustomsClearance Detail/ExportDetail/ DestinationControlDetail/ StatementTypes	Optional	Values are: • DEPARTMENT_OF_COMMERCE • DEPARTMENT_OF_STATE • BOTH
customsClearance DetailcustomsClearance Detail/ExportDetail/ DestinationControlDetail/ DestinationCountries	Optional	DCS shipment destination country. Up to 11 alphanumeric characters are allowed. If the StatementType is either DEPARTMENT_OF_STATE or BOTH, this element is required. You may enter up to four country codes in this element.
customsClearanceDetail/ ExportDetail/ DestinationControlDetail/ EndUser	Optional	End-user name. If the StatementType is either DEPARTMENT_OF_STATE or BOTH, this element is required.

FedEx International Ground Shipping

Use the Shipping service to access the FedEx International Ground® shipping features.

See Shipping Services by Region for a list of FedEx International Ground services available by region.

International Ground Service Options

The following service options are available for use with FedEx International Ground shipping:

- Delivery Signature Services
- Future Day Shipping
- FedEx Ground U.S. Collect On Delivery (C.O.D.)
- Alternate Return Address
- Mask Account Number (International Ground)
- Shipment Notification in the Ship Request
- Variable Handling Charges
- Commercial Destination Control

International Ground Service Details

FedEx International Ground is a direct-ship method for you to send single or multi-weight small package shipments directly from the U.S. to Canada, Canada to the U.S. There are no minimum package requirements.

Note: In addition to FedEx International Ground service to and from Canada, you may also use FedEx Ground® to ship intra-Canada packages.

Estimated duties and taxes calculations are now available. Contact your FedEx account executive for more information.

FedEx International Ground provides day-definite delivery throughout Canada and Puerto Rico:

- Delivery Times: 3-7 business days.
- Service Days: Monday through Friday by the end of the business day.
- Delivery Area: Canada.
- Package Size and Weight: Up to 150 lbs, 108 inches in length, and 165 inches in length and girth (L+2W+2H0). For packages weighing 100–150 lbs, specific guidelines must be followed for marking heavy packages. See **fedex.com/us/services/intl/ground.html**.
- Exceptions: FedEx Ground cannot deliver to P.O. boxes.

- No hazardous materials (except for certain shipments to Canada that contain dry ice or are classified as Other Regulated Materials — Domestic [ORM-D]).

- Customs clearance is included for shipments to Canada through our brokerage-inclusive service. A fee applies. Brokerage-inclusive service may not be available with all electronic shipping solutions.

- A CI is needed for all shipments.

Note: To determine actual shipping services and options allowed for your origin/destination pair, use the Service Availability Service.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

Clearance Requirements

All export documents must be placed in the international document pouch and attached to the FedEx International Ground package (or first package in an MPS shipment). Each shipment must include:

- 1 signed copy and 4 originals for Canada, and 1 signed copy and 2 originals for Puerto Rico.

- The broker information (including Non-Resident Importer (NRI) designation if applicable) must be on the Commercial Invoice.

- The Commercial Invoice must also have contract details for your recipient, including a phone number.

- The recipient is automatically the Importer of Record (IOR) unless otherwise designated on the Commercial Invoice.

Note: For more information regarding specific clearance requirements for FedEx International Ground shipping, see your FedEx account executive.

Brokerage and Billing Options for Shipments Between the U.S. and Canada

FedEx Web Services includes a variety of features that will improve your shipping experience and increase the ease of transborder shipping of FedEx International Ground packages between the U.S. and Canada.

- **Brokerage Inclusive Services:** Through the new default brokerage-inclusive service option, FedEx International Ground shipping gives you one point of contact, and initiates regulatory clearance while your packages are still en route.

- **Broker Selection Option:** If you prefer to use your own broker, you have the option to do so.

- **Flexible Billing Solutions:** You now have the option to bill duties, taxes, and ancillary fees to the shipper, the recipient, or a third party.

International Ground Coding Details

Before you begin coding FedEx International Ground shipping options, note the following:

- FedEx International Ground shipments are created using the ShipService WSDL.

- The ground collect billing option is also available for the Broker Select Option services.

- FedEx International Ground service allows multiple-package shipping so that you can create a single Commercial Invoice for the multiple-package shipment (MPS).

- FedEx Web Services does not generate hard copies of customs documents. However, you may capture reply elements to create a Commercial Invoice.

- A standard CI form can be printed at **fedex.com/us/services/createlabels**.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

XML Schema

See Schema ShipService.

Error Messages

For error messages, see "Appendix O: Codes" topic.

International Ground Ship Elements

In addition to basic elements required for all ship transactions as described in the Introduction, the following elements are available to create a FedEx International Ground shipment:

Recipient Information

Element	Multiple Occurrence	Description
Company	No	Required
Contact	No	Required
StreetLines	No	At least one street address line is required.
StreetLines	No	Optional
City	No	Required
StateOrProvinceCode	No	Required for Canada and U.S.
PostalCode	No	Required
CountryCode	No	Identifies the recipient country.
Telephone	No	Required
Residential	No	Optional. If you ship to a residential address and do not include the Residential element, your rate quote will be incorrect.

Element	Multiple Occurrence	Description
RecipientEIN	No	Required if duties, taxes, and fees are billed to recipient.

Billing

Element	Multiple Occurrence	Description
ShippingChargesPayment/ PaymentType	No	Required. Values are: • COLLECT (Ground) • SENDER • RECIPIENT • THIRD_PARTY
AccountNumber	No	Required. Ensures that shipping and customs charges are billed to the correct account number, include the AccountNumber element that corresponds to the BillTo element.
Currency	No	Required. FedEx will provide currency conversion using Web Services. If you enter a currency other than the currency associated with your FedEx account number, rate quotes will be returned based on the specified currency.
Country	No	Country code associated with the currency.
CustomerReferenceType	No	Optional. This element allows you to add reference information that prints on the shipping label and on your invoice. Reference information may also be used to track packages. Values are: 　• BILL_OF_LADING 　• CUSTOMER_REFERENCE 　• INVOICE_NUMBER 　• P_O_NUMBER 　• SHIPMENT_INTEGRITY 　• STORE_NUMBER SHIPMENT_INTEGRITY prints only on the invoice. **Note:** Reference information is submitted on the shipment level. However, you may add up to four references per shipment.
CustomerReference/Value	No	Optional. Reference information to be associated with the CustomerReferenceType. For example, if you designate INVOICE_NUMBER in the CustomerReferenceType element, the actual invoice number associated with the package is included in the CustomerReference/Value element.

MPS Elements

Note: Up to 20 MPS packages may be created for one master shipment.

Element	Multiple Occurrence	Description
PackageCount	No	Required for MPS shipments. Total number of packages in the shipment.
SequenceNumber	No	Required if PackageCount is greater than 1. The sequence number determines the master package and is important when shipment level information is added for that package. The shipment level information added to a master package applies to all packages in the shipment.
MasterTrackingID	No	Required. The MasterTrackingID element is returned with the first package reply. This element contains both the MasterTrackingNumber and the FormID elements. The MasterTrackingID element must be added to each subsequent ship request for all other packages in the MPS shipment.
MasterTrackingID/ TrackingIDType	Package	Valid values: • EXPRESS • FREIGHT • GROUND • USPS

Package and Shipment Details

Element	Multiple Occurrence	Description
ServiceType	No	Required. **Note:** Both residential and commercial shipments use the FEDEX_GROUND ServiceType.
PackagingType	Yes	Required. Valid value is YOUR_PACKAGING. **Note:** Packages traveling to and from the U.S., Canada, and Puerto Rico require an additional package description. Use the AdmissibilityPackageType element to designate the package description.
AdmissibilityPackageType	Yes	Required for packages traveling to and from the U.S., Canada, and Puerto Rico.
Weight	Yes	Required. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight. For MPS shipments, each ship request must contain the package weight.

Element	Multiple Occurrence	Description
TotalWeight	No	Required for MPS shipments. The TotalWeight element is submitted for the master package only, not the subsequent child packages. The master package (designated as 1 in the PackageCount element) contains the total package weight in the MPS shipment. Units and Value are included in this element. Values for the Units element are: • LB • KG The Value element must contain the actual package weight.
Dimensions/Height	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Width	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Length	Yes	Optional. Submitted in the Ship request on the package level.
Dimensions/Units	Yes	Required if dimensions (Height, Width, Length) are submitted. Values are: • IN • CM
InsuredValue/Amount	No	You may enter a value in this element to declare additional value for this shipment. For MPS shipments, the master package should contain the total declared value for the shipment. No declared value is added to subsequent child shipments. FedEx does not provide insurance of any kind.
RequestedShipment/Date	No	Date of shipment. For FedEx International Ground, this date can be the current date or up to 10 days in advance.
RequestedShipment/ TimeStamp	No	Time of shipment based on shipper's time zone. Defaults to CDT. 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).

Label Requirements

Element	Multiple Occurrence	Description
LabelSpecification	No	To identify the type of label format you will receive, elements in the LabelSpecification complex type element should be included in the ProcessShipment reply (depending on your label format). More information about label printing is provided in Creating a Label.

Broker Selection

Element	Multiple Occurrence	Description
customsClearanceDetailcustoms ClearanceDetail Broker/AccountNumber	No	Optional. Broker's valid FedEx account number.
customsClearanceDetail/Broker/ Tin	No	Optional. Tax ID number (EIN).
customsClearanceDetail/Broker/ TinNumber	No	Corresponding valid Tax ID number; must match Broker/Tin description.
customsClearanceDetail/Contact/ PersonName	No	Required.
customsClearanceDetail/Contact/ CompanyName	No	Required if PersonName is not supplied.
customsClearanceDetail/Contact/ PhoneNumber	No	Required.
customsClearanceDetail/Contact/ PagerNumber	No	Optional
customsClearanceDetail/Contact/ FaxNumber	No	Optional
customsClearanceDetail/Contact/ e-mailAddress	No	Optional
customsClearanceDetail/Address/ StreetLines	No	Optional
customsClearanceDetailAddress/ StreetLines	No	Optional
customsClearanceDetail/Address/ City	No	Optional
customsClearanceDetail/Address/ StateOrProvinceCode	No	Optional
customsClearanceDetail/Address/ PostalCode	No	Optional
customsClearanceDetail/Address/ CountryCode	No	Optional

Commodity Information

Note: A maximum of 20 occurrences of the commodity line item information is supported in the ShipService WSDL. Commodity information must be included in the Ship request for all packages in an MPS shipment.

Element	Multiple Occurrence	Description
Commodity/ NumberOfPieces	Yes	Total number of pieces for each commodity in a shipment. For example, if your MPS shipment contains 10 baseballs, 10 is included in this element as part of the commodity description of baseballs.
Commodity/Description	Yes	A minimum of three characters is required for this element. Maximum number of characters is 450.
Commodity/ CountryOfManufacture	Yes	Code of the country in which the commodity contents were produced or manufactured in their final form.
Commodity/ HarmonizedCode	Yes	Optional. For efficient customs clearance, a Harmonized Code should be included for all commodities in a shipment. For more information regarding Harmonized Code look-up, see **https:// gtm.fedex.com/GTM**.
Commodity/Quantity	Yes	Number of units of a commodity in total number of pieces for this line item. Max length is 9.
Commodity/ CIMarksandNumbers	Yes	Optional. An identifying mark or number used on the packaging of a shipment to help customs identify a particular shipment.
Commodity/Units	Yes	Required. Unit of measure (for example: EA = each; DZ = dozen) of each commodity in the shipment.
Commodity/Weight	Yes	Required. Weight of each commodity.
Commodity/Unit Price	Yes	Required. Customs value for each piece of a particular commodity in the shipment.
Commodity/Amount	Yes	Required. At least one occurrence is required for international commodity shipments. The Commodity/ Amount must equal the commodity UnitPrice times Units.
Commodity/ ExportLicenseNumber	No	Required only if a commodity is shipped on a commercial export license.
Commodity/ ExportLicenseExpirationDate	No	Required only if a commodity is shipped on a commercial export license and the ExportLicenseNumber element is supplied.
CommercialInvoice/ Comments	Yes	A maximum of four occurrences per commodity may be included.

Element	Multiple Occurrence	Description
customsClearanceDetail/ NAFTA	No	For shipments to NAFTA countries (U.S., Canada, and Mexico), you are required to enter the appropriate NAFTA information for your shipment. For more information regarding these requirements, see **fedex.com/us/customersupport/ftn/faq/nafta.html**.
NAFTACommodityDetail	No	Optional. Specifies the NAFTA commodity detail for the shipment.
NAFTACommodityDetail/ PreferenceCriterion,	No	Optional. Preference for each commodity in the shipment: A - The good was obtained or produced entirely in a NAFTA country. B - The good was produced entirely in a NAFTA country and satisfies the specific origin that applies to its tariff classification.
NAFTACommodityDetail/ ProducerDetermination	No	Optional. If you are the Producer of the commodity, specify Yes. If you are not the producer of the commodity, select No and indicate whether the certificate is based on one of the following: No (1) - Your knowledge of the commodity No (2) - Written statement from producer No (3) - Signed certificate from producer
NAFTACommodityDetail/ ProducerId	No	Identifies the commodity producer when multiple producers are used in a single shipment.
NAFTACommodityDetail/ NetCostMethod	No	Optional. The Net cost (NC) method calculates regional value content (RVC) as a percentage of the net cost to produce the good. Net cost represents all costs incurred by the producer minus promotions, royalties, shipping, and nonallowable interest costs. Specify one of the following: No - Select No if the RVC is not calculated according to the net cost method. NC - Select NC if the RVC is calculated according to the net cost method.
NAFTACommodityDetail/ NetCostDateRange	No	Optional. Specify NC plus date range if RVC is calculated according to the net cost method over a period of time. Enter the beginning and ending dates of the time period in a MM/DD/CCYY format or select from the calendar icons.

Note: In addition to standard ground ship replies, FedEx International Ground transit times are returned in the Ship reply.

International/NAFTA Information

The following elements apply to U.S. to Canada FedEx International Ground shipments only. They *do not* apply to Canada to U.S. FedEx International Ground shipments. For MPS international shipments, request GAA on the master piece.

Element	Multiple Occurrence	Description
Print General Agency Authority (GAA) Form	No	Optional. Print the GAA.
GAA Media Type	No	Optional. Specify the form for the GAA as PNG or PDF.
Provide GAA Instructions	No	Optional. Specify whether to include GAA instructions.
List Clearance Entry Fee Surcharge	No	Optional. Specify the list clearance entry fee surcharge.
Clearance Entry Fee Surcharge (Discount)	No	Optional. Specify the list clearance entry fee surcharge discount.
GAA Form	No	Optional. Specify the location of the GAA form.
GAA Form Copies To Print	No	Optional. Specify the number of GAA form copies to print.
GAA Instructions	No	Optional. Specify the GAA instructions.
GAA Instruction Copies to Print	No	Optional. Specify the number of GAA instruction copies to print.

Reply Elements

In addition to the standard reply elements for all Ship requests, the following FedEx International Ground elements are returned:

Element	Description
MasterTrackingID/TrackingNumber	Returned for international MPS shipments.
MasterTrackingID/FormID	Returned for international MPS shipments.
Taxes/TaxType/HST	Returned for Canadian origin shipments.
Taxes/TaxType/GST	Returned for Canadian origin shipments.
Taxes/TaxType/PST	Returned for Canadian origin shipments.

International/NAFTA Reply Information

Element	Description
List Clearance Entry Fee Surcharge	Returned list clearance entry fee surcharge.
Clearance Entry Fee Surcharge (Discount)	Returned list clearance entry fee surcharge discount.

Element	Description
GAA (General Agency Authority) form	Returned location of the GAA form.
	Applies only to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Form Copies To Print	Returned number of GAA form copies to print.
	Applies to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Instructions	Returned GAA instructions.
	Applies only to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.
GAA Instruction Copies to Print	Returned number of GAA instruction copies to print.
	Applies to U.S. to Canada FedEx International Ground shipments. Does not apply to Canada to U.S. FedEx International Ground shipments.

Reference Elements with Output Location

The ShipService WSDL includes these CustomerReference/CustomerReferenceType options:

Value	Prints
BILL_OF_LADING	Shipping label and invoice.
CUSTOMER_REFERENCE	Shipping label, ground shipping reports, and in the Customer Reference element on the invoice.
INVOICE_NUMBER	Shipping label and invoice.
P_O_NUMBER	Shipping label and invoice.
SHIPMENT_INTEGRITY	Invoice.
STORE_NUMBER	Shipping label and invoice.

Delivery Signature Services (International Ground)

See FedEx Express® U.S. Delivery Signature Services for more information.

Future Day Shipping (International Ground)

See FedEx Express U.S. Future Day Shipping for more information.

FedEx Ground Collect On Delivery (C.O.D.) (International)

See FedEx Ground U.S. Collect On Delivery (C.O.D.) for more information.

Alternate Return Address (International Ground)

See FedEx Express U.S. Alternate Return Address for more information.

Mask Account Number (International Ground)

See FedEx Express U.S. Masked Data for more information.

Upload Images

FedEx Web Services enables you to upload signature and letterhead images to be inserted on FedEx generated shipping documents. See Shipping Document Service for more information.

Upload Image Service Details

You can upload up to five different images for future use. If you upload an image to a slot where you previously uploaded an image, the new image overwrites the old image.

For more detailed information about the services offered by FedEx, see the electronic FedEx Service Guide.

UploadImage Request Elements

The following elements are available from the UploadDocuments WSDL:

Element	Description
Images/Id	Specify slot to store uploaded image. Valid values are: • IMAGE_1 • IMAGE_2 • IMAGE_3 • IMAGE_4 • IMAGE_5
Images/Image	Provide GIF, PNG, JPG, or PDF image encoded as Base64 string.
VersionId	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.

UploadImage Reply Elements

The following elements are available from the UploadDocuments WSDL:

Element	Description
ImageStatuses/Id	Returns value for the slot where you uploaded the image.
UploadImageStatusType	Returns status as SUCCESS or ERROR.
ImageStatuses/StatusInfo	Returns applicable error messages: • IMAGE_EXCEEDS_MAX_RESOLUTION • IMAGE_EXCEEDS_MAX_SIZE • IMAGE_FAILED_VIRUS_CHECK • IMAGE_ID_INVALID • IMAGE_ID_MISSING • IMAGE_MISSING • IMAGE_TYPE_INVALID • IMAGE_TYPE_MISSING

XML Schema

See Schema UploadDocumentService.

FedEx Electronic Trade Documents/ Upload Document Service

FedEx® Electronic Trade Documents (ETD) is an international shipping solution that simplifies your international shipping needs. You can submit most of your trade documentation electronically and no longer have to print and attach trade documents. Capturing and sharing critical trade information as early as possible optimizes the customs clearance process. Customs and other agencies receive documents sent electronically faster than paper copies. You have two choices for using FedEx ETD. You can either upload your own documents or let FedEx generate them for you (see Shipping Document Service section for details on documents that FedEx can generate).

If you use FedEx generated documents, you can provide the necessary information as specified in the Shipping Document Service section and then specify Electronic Trade Documents as a special service in your ship request. If you also want to receive copies of FedEx generated documents in the ship reply, be sure to also specify RequestedDocumentCopies. If you are using your own uploaded documents, FedEx ETD requires FedEx Web Services. First, you upload your trade documents (Commercial Invoice, Certificate of Origin, etc.) using the UploadDocuments WSDL. When you upload a document successfully, you receive a Document ID in the reply. Second, you create the FedEx shipment using the ShipService WSDL. You indicate Electronic Trade Documents as a special service and reference the Document ID for each uploaded document associated with your shipment.

FedEx ETD Details

- For the most current list of ETD-enabled countries, check FedEx website http:/www.fedex.com/international/etd/index.html.

- Valid file types for uploaded documents are PDF, TXT, PNG, JPG, GIF, BMP, TIF, RTF, DOC, and XLS. Before uploading documents, you must convert them to a Base64-encoded string.

- FedEx ETD does not accept shipments that include dangerous goods, hazardous materials, or dry ice because they require that all paperwork physically accompany them.

- Each uploaded trade document cannot exceed 1 MB.

- A maximum of 5 trade documents can be uploaded per transaction.

For more detailed information about the services offered by FedEx, see the electronic *FedEx Service Guide*.

UploadDocuments Request Elements

The following ETD request elements are available from the UploadDocuments WSDL:

Element	Description
Documents/LineNumber	Optional. Specify a positive integer value to sequence your uploaded documents.
	This value is returned in reply but is not stored with your document.
Documents/CustomerReference	Optional. Specify a string value to provide additional information about the uploaded document.
Documents/DocumentType	Required. Specify the type of document being uploaded. Valid options are:
	• COMMERCIAL_INVOICE
	• CERTIFICATE_OF_ORIGIN
	• NAFTA_CERTIFICATE_OF_ORIGIN
	• PRO_FORMA_INVOICE
	• OTHER
Documents/FileName	Required. Specify the file name (e.g., CI.pdf) of the document to be uploaded.
Documents/Content	Required. Provide the document to be uploaded as a Base64-encoded string.

UploadDocuments Reply Elements

The following ETD reply elements are available from the UploadDocuments WSDL:

Element	Description
DocumentStatuses/LineNumber	Returns the number (if any) specified in the UploadDocuments request and returns a value of zero if none is specified. This value is not stored with your document.
DocumentStatuses/ CustomerReference	Returns the string (if any) specified in the UploadDocuments request.
DocumentStatuses/ DocumentProducer	Returns CUSTOMER.
DocumentStatuses/DocumentType	Returns the type specified in the UploadDocuments request.
DocumentStatuses/FileName	Returns the file name specified in the UploadDocuments request.
DocumentStatuses/Status	Returns the high-level results for the document upload. Valid values are:
	• SUCCESS
	• FAILURE
	• ERROR

Element	Description
DocumentStatuses/StatusInfo	Returns one or more of the following specific reasons for high-level results: • DOCUMENT_CONTENT_FAILED_VIRUS_CHECK • DOCUMENT_CONTENT_MISSING • DOCUMENT_FILE_NAME_MISSING • DOCUMENT_FORMAT_NOT_SUPPORTED • DOCUMENT_ID_INVALID • DOCUMENT_ID_MISSING • DOCUMENT_TYPE_INVALID • DOCUMENT_TYPE_MISSING • DOCUMENT_TYPE_NOT_ALLOWED_FOR_ETD • ELECTRONIC_CLEARANCE_NOT_ALLOWED_AT _DESTINATION • ELECTRONIC_CLEARANCE_NOT_ALLOWED_AT _ORIGIN • UNABLE_TO_PROCESS_DOCUMENT • UPLOAD_NOT_ATTEMPTED
DocumentStatuses/MessageReturn	Returns additional information about specific results.
DocumentStatuses/DocumentId	Returns the Document ID you will need to reference when creating your shipment with the ShipService WSDL.

ShipRequest Elements

The following ETD request elements are available from the ShipService WSDL:

Element	Description
RequestedDocumentCopies	Optional Specify FedEx generated documents for which you want copies returned. Valid values: • COMMERCIAL_INVOICE • CERTIFICATE_OF_ORIGIN • NAFTA_CERTIFICATE_OF_ORIGIN • PRO_FORMA_INVOICE • GENERAL_AGENCY_AGREEMENT
DocumentReferences/LineNumber	Optional. Specify a positive integer value to sequence your uploaded documents. This value is not stored with your document.
DocumentReferences/ CustomerReference	Optional. Specify a string value to provide additional information about the uploaded document. Use this option to change the CustomerReference specified during document upload.
DocumentReferences/ DocumentProducer	Reserved. This element is reserved for future use and should not be specified.

Element	Description
DocumentReferences/ DocumentType	Optional. Specify the type of uploaded document. Valid values are: • COMMERCIAL_INVOICE • CERTIFICATE_OF_ORIGIN • NAFTA_CERTIFICATE_OF_ORIGIN • PRO_FORMA_INVOICE • OTHER Use this element to change the DocumentType specified during document upload.
DocumentReferences/ DocumentIDProducer	Reserved. This element is reserved for future use and should not be specified.

ShipReply Elements

The following ETD reply elements are returned from the ShipService WSDL:

Element	Description
CompletedEtdDetail/ UploadDocumentReferenceDetails/ LineNumber	Returns the number (if any) specified in the ProcessShipment request or returns a value of zero if none is specified. This value is not stored with your document.
CompletedEtdDetail/ UploadDocumentReferenceDetails/ CustomerReference	Returns the string (if any) specified in the ProcessShipment request.
CompletedEtdDetail/ UploadDocumentReferenceDetails/ DocumentProducer	Returns the value (if any) specified in the ProcessShipment request for the uploaded documents in addition to other values for FedEx generated documents such as shipping labels. This element is reserved for future use and should not be specified in the ProcessShipment requests.
CompletedEtdDetail/ UploadDocumentReferenceDetails/ DocumentType	Returns the type of document (if any) specified in the ProcessShipment request.
CompletedEtdDetail/ UploadDocumentReferenceDetails/ DocumentId	Returns the value specified in the ProcessShipment request for your uploaded documents in addition to other values for FedEx generated documents such as shipping labels.
CompletedEtdDetail/ UploadDocumentReferenceDetails/ DocumentIdProducer	Returns the value (if any) specified in the ProcessShipment request for your uploaded documents. This element is reserved for future use and should not be specified in the ProcessShipment requests.

XML Schema

See Schema UploadDocumentService.

Error Messages

For error messages, see the "Appendix O: Codes" topic of the *Web Services Developer Guide* in the **Support** area of the Developer Resource Center at **fedex.com/developer**.

FedEx SmartPost Shipping

FedEx SmartPost® and FedEx SmartPost® Returns each require a service contract. To sign up for FedEx SmartPost outbound shipping or FedEx SmartPost Returns, contact your FedEx account executive.

FedEx SmartPost helps you consolidate and deliver high volumes of low-weight, less time-sensitive business-to-consumer packages using the United States Postal Service (USPS) for final delivery to residences. This service provides delivery Monday through Saturday to all residential addresses in the U.S., including P.O. boxes and military APO and FPO destinations.

FedEx SmartPost also offers FedEx SmartPost Returns service, delivery and shipment e-mail notifications for U.S. outbound shipments, customizable labels, and Future Day shipping.

FedEx SmartPost Service Details

FedEx SmartPost Service includes the following features:

- FedEx SmartPost is available for shipments originating in the 48 contiguous United States only. Alaska, Hawaii, Puerto Rico, and the U.S. territories are not included as origin points.

- The FedEx SmartPost service allows delivery to all 50 United States and the U.S. territories, including PO boxes and military locations (Army Post office - APO, Fleet Post Office - FPO, Diplomatic Post Office - DPO), and Puerto Rico.

- FedEx SmartPost supports customer packaging only. Because FedEx SmartPost employs the USPS for final delivery to residences, packages are subject to USPS restrictions.

- Future Day shipping is available for FedEx SmartPost shipments.

- Saturday delivery is possible by USPS. No FedEx surcharge applies in this case.

- Packages can only be tracked using the Delivery Confirmation Number (DCN) assigned to each FedEx SmartPost package.

- FedEx SmartPost Returns provides a U.S. to U.S. returns service for all shippers regardless of volume. Once contracted, a shipper can use any service for their outbound shipping and still use FedEx SmartPost Returns. Both print and e-mail return label options are available. Consumers can conveniently return packages from all 50 states, Puerto Rico, U.S. territories and military locations simply by placing it in their mailbox, dropping it off at their local Post Office, at a USPS collection box or handing it off to a USPS carrier by taking advantage of a free package pickup.

Note: A separate account number is given for FedEx SmartPost outbound shipments and FedEx SmartPost Returns. If a customer is contracted with return services, they need to use the associate account rollup to a national number.

For Standard Mail, Bound Printed Matter, and Media the following dimensions restriction applies:

- Dimensions: No more than 84 inches in combined length and girth
- No one dimension greater than 60 inches.
- Minimum dimensions are 6" L x 4" W x 1"

For Parcel Select the following restrictions apply:

- Dimensions: No more than 130 inches in combined length and girth.
- No one dimension can be greater than 60 inches.
- Minimum Dimensions are 6" L X 4" W X 1".
- For a sample FedEx SmartPost label, refer to Appendix S: Ground Plain Paper Labels.

For more detailed information about FedEx SmartPost outbound shipping and returns, see **fedex.com/us/smartpost**.

FedEx SmartPost Request Elements

In addition to the elements required for all requests, the following elements are included in the FedEx SmartPostRequest:

Element	Description
ProcessShipmentRequest/ RequestedShipment/ ServiceType	Optional. Specify SMART_POST for FedEx SmartPost shipping services.
SmartPostDetail	Required. Specify the appropriate details for a FedEx SmartPost shipment.
SmartPostDetail/Indicia	Required. Specify the indicia type. Available options include: • MEDIA_MAIL • PARCEL_SELECT • PRESORTED_BOUND_PRINTED_MATTER • PRESORTED_STANDARD • PARCEL_RETURN
SmartPostDetail/ AncillaryEndorsement	Optional. Specify an endorsement type from the following valid values: • ADDRESS_CORRECTION • CARRIER_LEAVE_IF_NO_RESPONSE • CHANGE_SERVICE • FORWARDING_SERVICE • RETURN_SERVICE **Note:** For FedEx SmartPost Standard Mail (Presorted Standard < 1 lb) shipments with delivery confirmation, either RETURN SERVICE REQUESTED or ADDRESS SERVICE REQUESTED is permitted.

Element	Description
SmartPostDetail/HubID	Required. Specify the HubID. Valid values are: • 5303 ATGA Atlanta • 5281 CHNC Charlotte • 5602 CIIL Chicago • 5929 COCA Chino • 5751 DLTX Dallas • 5802 DNCO Denver • 5481 DTMI Detroit • 5087 EDNJ Edison • 5431 GCOH Grove City • 5771 HOTX Houston • 5465 ININ Indianapolis • 5648 KCKS Kansas City • 5902 LACA Los Angeles • 5254 MAWV Martinsburg • 5379 METN Memphis • 5552 MPMN Minneapolis • 5531 NBWI New Berlin • 5110 NENY Newburgh • 5015 NOMA Northborough • 5327 ORFL Orlando • 5194 PHPA Philadelphia • 5854 PHAZ Phoenix • 5150 PTPA Pittsburgh • 5958 SACA Sacramento • 5843 SCUT Salt Lake City • 5983 SEWA Seattle • 5631 STMO St. Louis **Note:** Include only the numeric HubID value in your request.
SmartPostDetail/ CustomerManifestID	Optional. The CustomerManifestId is used to group FedEx SmartPost packages onto a manifest for each trailer that is being prepared. If you have multiple trailers, you must assign a Manifest Id to each FedEx SmartPost package as determined by its trailer. The Manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length. We recommend that you use the day of year, the trailer id (a sequential number for that trailer). For example, if there are 3 trailers that you started loading on Feb 10, then the 3 Manifest Ids would be 041001, 041002, 041003 (this example includes leading zeros on the trailer numbers). The maximum length is 8 characters.

Element	Description
RequestedShipment/ RequestedPackageLineItems/ PhysicalPackaging	Optional Provides additional detail on how the customer has physically packaged this item. Required for FedEx SmartPost services.

FedEx SmartPost Reply Elements

The following elements are returned in the FedEx SmartPost reply:

Element	Description
ProcessShipmentReply/ CompletedShipmentDetails/ SmartPostDetail/	Returns FedEx SmartPost shipment account details including: • Machine-able (indicates whether the shipment is deemed to be machine-able, based on dimensions, weight, and packaging) • AllowedHubs • MailerId • DistributionCenter • SmartPostId • PickUpCarrier (CarrierCodeType) • AllowedIndicia • AllowedSpecialServices • SmartPostHubId • MaximumTransitTime

FedEx SmartPost APO/FPO/DPO

FedEx SmartPost allows customers to ship orders to APO (Army/Air Force Post Office), FPO (Fleet Post Office) or DPO (Diplomatic/Defense Postal Office) addresses. Include the following element values to ship to these addresses:

Element	Value
City	Valid values are: • APO • FPO • DPO
StateOrProvinceCode	Valid values are: • AA - Armed Forces Americas • AE - Armed Forces Europe • AP - Armed Forces Pacific

Since packages shipped to APO/FPO/DPO are potentially dutiable, the USPS requires that all customers use Form 2976A when shipping APO/FPO/DPO packages, regardless of weight and value. For more information on customs and USPS requirements and to complete and print the forms online, refer to the USPS Website at **http://ribbs.usps.gov/files/IntCustomsForms**.

The following is an example of a FedEx SmartPost APO address:

> StreetLines: PSC 2 box 7629
>
> City: APO
>
> StateOrProvinceCode: AE
>
> PostalCode: 09012
>
> CountryCode: US

The following reply elements would be returned for the FedEx SmartPost APO Address Validation:

```
<v2:ProposedAddressDetails>
<v2:Score>100</v2:Score>
<v2:Changes>MODIFIED_TO_ACHIEVE_MATCH</v2:Changes>
<v2:Changes>APO_OR_FPO_MATCH</v2:Changes>
<v2:DeliveryPointValidation>CONFIRMED</v2:DeliveryPointValidation>
<v2:Address>
<v2:StreetLines>Psc 2 Box 7629</v2:StreetLines>
<v2:City>APO</v2:City>
<v2:StateOrProvinceCode>Ae</v2:StateOrProvinceCode>
<v2:PostalCode>09012-0026</v2:PostalCode>
<v2:CountryCode>US</v2:CountryCode>
</v2:Address>
```

FedEx SmartPost Labels

FedEx SmartPost shipments use one of the following two types of labels based on the specified pickup carrier:

- FedEx SmartPost label - FedEx SmartPost is the pickup carrier
- FedEx Integrated label - FedEx Ground is the pickup carrier

The pickup carrier type is designated by the FedEx account executive based on the volume requirement at the time of the contract and is stored on FedEx system.

The FedEx SmartPost label type supports the Customer Reference bar code when <CustomerReference> element is used in the Ship request. The FedEx Integrated label supports FedEx Ground bar code below the USPS Delivery Confirmation bar code at the bottom half of the label.

See Appendix S: Ground Plain Paper Labels for a sample FedEx SmartPost and FedEx Integrated label.

FedEx SmartPost Returns Service Details

For an online retailer or other residential shipper, a no-hassle returns process is critical for customer satisfaction and loyalty. FedEx SmartPost® Returns service is an ideal solution because it provides your recipients with the convenience of U.S. Postal Service® (USPS®) access points for their returns, as well as free package pickup from their home or business address.

FedEx SmartPost Returns is a contract-only service for customers with high-volume returns (100 average daily volume) of low-weight residential packages. It's a cost-effective, reliable solution that utilizes the strength of the FedEx® network and the access of the USPS. In addition, FedEx SmartPost Returns provides visibility throughout the returns process to your customer service and operations departments, as well as to the return shipper.

How it Works

When using FedEx SmartPost Returns, you can choose three methods of processing your return labels:

- Include pre-printed return labels in your original shipments.
- Direct your customers back to your Website to process and print online labels.
- Send your customers an e-mail that includes a FedEx URL link to the return shipping label for them to print.

The return shipper then simply puts the label on the package and tenders it at a USPS access point including any of the 36,000 retail locations or thousands of collection boxes, or even their own mailbox. They can also call for the free USPS package pickup service.

Once your customers' returns packages are picked up by the USPS, they'll be consolidated into larger shipments at local post offices and picked up by FedEx for shipment to you.

FedEx SmartPost provides U.S. to U.S. returns to all shippers regardless of volume segment and includes E-Mail Return Labels and Future Day shipment. Shippers can use any FedEx Express or Competitor outbound service and still contract to use FedEx SmartPost Returns services.

Features

- To use the FedEx SmartPost Returns service, shippers must have an account flagged as eligible for FedEx SmartPost Returns and be U.S. based payors. U.S. Dollars (USD) is the only currency that is supported for a FedEx SmartPost shipment.
- Whenever customers request a return label, they must send in the Returns account number also.
- The only packaging type available is the customer's own packaging.
- Eligible payment types are Bill Sender or Associated Account.
- A prepaid USPS integrated return shipping label, which means your customers don't have to stand in line at a shipping location to obtain the proper documentation and don't incur any out-of-pocket expenses.
- USPS daily pickup options of Monday through Saturday, offering your customers convenient access for tendering their package at a local post office, a postal collection box or their own mailbox. Return shippers also can request a free USPS package pickup at www.usps.gov/pickup.
- Coverage to every residential address in the U.S., including P.O. boxes and APO/FPO/DPO destinations.

- Transit times of 2 to 7 business days. This means you can quickly and efficiently cycle returned products back into inventory for faster redeployment into the market — generating revenue and reducing the effects of product depreciation.

- Maximum package weight of 70 lbs.

- No residential or Saturday pickup surcharges.

- Inbound shipment visibility via FedEx InSight®. FedEx InSight e-mail notifications provide timely and automatic status information about your incoming FedEx SmartPost Returns packages and include an estimated delivery date — assigned when the FedEx SmartPost origin hub receives the package — enabling you to plan accordingly.

- Visibility for your customers through the tracking or RMA number on **fedex.com**. With an up-to-the-minute view of their returns, customers are not calling your customer service department for shipment-status updates.

Customer reports via FedEx® Reporting Online. Limit of liability is $100.

FedEx SmartPost Returns Request Elements

Begin your ship request with the basic Ship Request elements as detailed in FedEx Express U.S. Shipping under the heading Express U.S. Coding Details. Add the following elements in your ProcessShipmentRequest to receive a FedEx SmartPost Return Label in your ship reply.

Element	Required or Optional	Description
SpecialServicesRequested/ SpecialServiceTypes	Required	Include the value: • RETURN_SHIPMENT
ReturnShipmentDetail/ ReturnType	Required	The type of return shipment being requested. The valid value is: • PRINT_RETURN_LABEL. With this option you can print a return label to be applied to the box of a return. This option cannot be used to print an outbound label.
ReturnShipmentDetail/Rma	Optional	Return Merchant Authorization (RMA). If included, this element has two optional fields: Number: The RMA number associated with the return shipment. Including this number in your request allows you to track by RMA number up to 20 alpha-numeric characters. If the RMA element is included in the Ship Request, the return reason description may be entered. This element allows you to enter up to 60 alpha-numeric characters.
ProcessShipmentRequest/ RequestedShipment/ ServiceType	Required	Specify SMART_POST for FedEx SmartPost shipping services.
SmartPostDetail	Required	Required. Specify the appropriate details for a FedEx SmartPost shipment.

Element	Required or Optional	Description
SmartPostDetail/Indicia	Required	Required. Specify the indicia type. Available options include: • PARCEL_RETURN
SmartPostDetail/HubID	Required	Required. Specify the HubID. Valid values are: • 5303 ATGA Atlanta • 5281 CHNC Charlotte • 5602 CIIL Chicago • 5929 COCA Chino • 5751 DLTX Dallas • 5802 DNCO Denver • 5481 DTMI Detroit • 5087 EDNJ Edison • 5431 GCOH Grove City • 5771 HOTX Houston • 5465 ININ Indianapolis • 5648 KCKS Kansas City • 5902 LACA Los Angeles • 5254 MAWV Martinsburg • 5379 METN Memphis • 5552 MPMN Minneapolis • 5531 NBWI New Berlin • 5110 NENY Newburgh • 5015 NOMA Northborough • 5327 ORFL Orlando • 5194 PHPA Philadelphia • 5854 PHAZ Phoenix • 5150 PTPA Pittsburgh • 5958 SACA Sacramento • 5843 SCUT Salt Lake City • 5983 SEWA Seattle • 5631 STMO St. Louis **Note:** Include only the numeric HubID value in your request.

FedEx SmartPost Return Labels

You can create a return label that can be printed using a variation of the Ship Web Service. The recipient can then apply this label to the return package as needed and drop the package off at a U.S. Postal Service drop-off location, or their local mail carrier will pick up the package at the home address. No charges are assessed until the label is used. In addition, a Returns Material

Authorization (RMA) reference number can be included in your ship transaction. The RMA number prints on the label and can be used to track the return package.

- FedEx SmartPost Returns support both Print and E-Mail Return Labels. You can request Shipment and Delivery E-Mail Notifications for FedEx SmartPost Returns. However, Ancillary Endorsements are not supported for FedEx SmartPost Returns.

- The maximum number of packages allowed for Print Return shipments is 999, and for an e-mail label is 25.

- For FedEx SmartPost Returns, Ground Integrated Print and E-Mail Return labels options are available.

- FedEx SmartPost return labels are not available for international destinations.

- Dangerous Goods and Hazardous Materials cannot be shipped.

- Declared value is not available for FedEx SmartPost return labels. If you wish to declare a value, please use FedEx Express or Ground return label services instead.

- Return labels do not expire.

- Returns shipments are not billed until a possession scan is initiated by FedEx and the package moves.

- All label formats supported by Web Services (laser, thermal, etc.) are available for FedEx SmartPost Returns shipping labels.

- E-Mail return labels are not available for U.S. territories and Puerto Rico.

FedEx SmartPost E-Mail Return Labels

You can use the power of **fedex.com** to create return shipping labels for FedEx SmartPost Returns. **Fedex.com** will e-mail your customer with a link to view and print the label. The customer can take the package to any local United States Postal Center or have their local mail carrier collect the package during their normal mail rounds. The package will be returned to your location using FedEx SmartPost.

You will use the ShipService CreatePendingShipment Web service to trigger **fedex.com** to create the appropriate FedEx SmartPost Return Label and notify the customer through an e-mail from FedEx. You can also cancel the label before it expires by using the ShipService CancelPendingShipment request.

Delivery Area

FedEx SmartPost Returns Service is available throughout the 50 United States, U.S. territories, APOs, FPOs and DPOs. FedEx customer e-mails can be sent to any standard e-mail address.

E-Mail Return Labels Coding Details

The following coding details apply to e-mail labels:

- The e-mail label is created using elements from the CreatingPendingShipmentRequest in the ShipService WSDL for FedEx SmartPost Returns.

- The e-mail label request is canceled using elements from the CancelPendingShipmentRequest in the ShipService WSDL for FedEx SmartPost Return Labels.

- You may request up to 25 e-mail labels to one e-mail address using one request transaction.

- E-Mail label URLs expire according to expiration time stamp you specify in your request.

- After the customer prints the label, the label does not expire but can be used indefinitely.

- The only label format supported is 8-1/2" x 11" plain paper printed on a Laser printer.

- A surcharge is added to a returns e-mail label.

- The maximum expiration date for an e-mail label must be greater or equal to the day of the label request and no greater than 30 days in future.

Returns (Inbound) E-Mail Label Elements

Basic information is required in a CreatePendingShipment Request:

Element	Required	Description
CreatePendingShipment	Optional and/or Required	The Web Service inside the Ship Service WSDL file used to create all E-Mail Return Labels
WebAuthenticationDetail/ UserCredential/Key	Optional and/or Required	The value for the Key was provided by FedEx upon your request through the FedEx Developer Resource Center. It is an alphanumeric mixed-case string.
WebAuthenticationDetail/ UserCredential/Password	Optional and/or Required	The value for the Password was provided by FedEx upon your request through the FedEx Developer Resource Center. It is an alphanumeric mixed-case string.
ClientDetail/AccountNumber	Optional and/or Required	The FedEx Express nine-digit meter number that was provided by FedEx upon your request through the FedEx Developer Resource Center.
ClientDetail/MeterNumber	Optional and/or Required	The FedEx Express meter number that was provided by FedEx upon your request through the FedEx Developer Resource Center.
Version/ServiceId	Optional and/or Required	The value is "ship"
Version/Major	Optional and/or Required	The current value is "9".
Version/Intermediate	Optional and/or Required	The current value is "0".

Element	Required	Description
Version/Minor	Optional and/or Required	The current value is "0".
RequestedShipment/ ServiceType	Optional and/or Required	For this transaction the valid value is SMART_POST
RequestedShipment/ Shipper/Contact/ PersonName	Optional and/or Required	Required if Contact name is blank.
RequestedShipment/ Shipper/Contact/ CompanyName	Optional and/or Required	Required if Company name is blank.
RequestedShipment/ Shipper/Contact/ PhoneNumber	Optional and/or Required	Required. Shipper phone number. Numeric only.
RequestedShipment/ Shipper/Contact/	Optional and/or Required	There are additional fields available. They are optional.
RequestedShipment/ Shipper/Address/ StreetLines	Optional and/or Required	At least one street address line is required. This is a multiple occurrence field.
RequestedShipment/ Shipper/Address/City	Optional and/or Required	Required. Shipper city.
RequestedShipment/ Shipper/Address/ StateOrProvinceCode	Optional and/or Required	Required. Please refer to Appendix B for a list of State Codes.
RequestedShipment/ Shipper/Address/ PostalCode	Optional and/or Required	Required. Shipper postal code.
RequestedShipment/ Shipper/Address/ CountryCode	Optional and/or Required	Required. Valid value - US
RequestedShipment/ Shipper/Address/	Optional and/or Required	There are additional fields available. They are optional.
RequestedShipment/ Recipient/Contact/ PersonName	Optional and/or Required	Required if Contact name is blank.
RequestedShipment/ Recipient/Contact/ CompanyName	Optional and/or Required	Required if Company name is blank.
RequestedShipment/ Recipient/Contact/ PhoneNumber	Optional and/or Required	Required. Recipient phone number. Numeric only.

Element	Required	Description
RequestedShipment/ Recipient/Contact/	Optional and/or Required	There are additional fields available. They are optional.
RequestedShipment/ Recipient/Address/ StreetLines	Optional and/or Required	At least one street address line is required. This is a multiple occurrence field.
RequestedShipment/ Recipient/Address/City	Optional and/or Required	Required. Recipient city.
RequestedShipment/ Recipient/Address/ StateOrProvinceCode	Optional and/or Required	Required. Please refer to Appendix B for a list of State Codes.
RequestedShipment/ Recipient/Address/ PostalCode	Optional and/or Required	Required. Recipient postal code.
RequestedShipment/ Recipient/Address/ CountryCode	Optional and/or Required	Required. Valid value - US
RequestedShipment/ Recipient/Address/	Optional and/or Required	There are additional fields available. They are optional.

In addition to the basic shipping elements, the following elements must be included in the CreatePendingShipmentRequest to trigger an E-Mail Return Label through **fedex.com**:

Element	Required	Description
RequestedShipment/ SpecialServicesRequested/ SpecialServiceTypes	Optional and/or Required	Required. Specify the type of special service. Both of these Service Types must be included for a returns e-mail label: • PENDING_SHIPMENT • RETURN_SHIPMENT
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail	Optional and/or Required	Required. Specify the Return Type. Use the following value: PENDING
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail/Rma	Optional and/or Required	Optional. This value is a string. It will be printed on the label as both a barcode and in human-readable text. **Note:** That if an Rma Number is specified, the package can also be tracked by this value.
RequestedShipment/ SpecialServicesRequested/ ReturnShipmentDetail/ ReturnE-mailDetail/ MerchantPhoneNumber	Optional and/or Required	Required. Include the phone number for the merchant, such as a general customer service phone number. Max 10 characters, numeric-only string.

Element	Required	Description
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ Type	Optional and/or Required	Required. Specify the Pending Shipment Type. Include the following value: • E-MAIL
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ ExpirationDate	Optional and/or Required	Required. Specify the e-mail label expiration date: for example, 2009-01-31. The maximum expiration date must be greater or equal to the day of the label request and not greater than 30 days in the future.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ e-mailLabelDetail/ Notificatione-mailAddress	Optional and/or Required	Required. E-Mail address of the end-user to be notified of the return label. This element has a 200-character maximum.
RequestedShipment/ SpecialServicesRequested/ PendingShipmentDetail/ E-mailLabelDetail/ NotificationMessage	Optional and/or Required	Optional. Notification message included in the e-mail to the end-user.

Finally, the following elements are included in a request for the E-Mail Return label to be a SmartPost Returns label:

Element	Required	Description
SmartPostDetail	Optional and/or Required	Required. Specify the appropriate details for a FedEx SmartPost shipment.
SmartPostDetail/Indicia	Optional and/or Required	Required. Specify the indicia type. The value for this transaction is PARCEL_RETURN.
SmartPostDetail/ AncillaryEndorsement	Optional and/or Required	Optional. Specify an endorsement type from the following valid values: • ADDRESS_CORRECTION • CARRIER_LEAVE_IF_NO_RESPONSE • CHANGE_SERVICE • FORWARDING_SERVICE • RETURN_SERVICE **Note:** These services are of little practical use for a return package, but they will not cause the transaction to fail.

Element	Required	Description
SmartPostDetail/HubId	Optional and/or Required	Required. Specify the HubID. Valid values are: • 5303 ATGA Atlanta • 5281 CHNC Charlotte • 5602 CIIL Chicago • 5929 COCA Chino • 5751 DLTX Dallas • 5802 DNCO Denver • 5481 DTMI Detroit • 5087 EDNJ Edison • 5431 GCOH Grove City • 5771 HOTX Houston • 5465 ININ Indianapolis • 5648 KCKS Kansas City • 5902 LACA Los Angeles • 5254 MAWV Martinsburg • 5379 METN Memphis • 5552 MPMN Minneapolis • 5531 NBWI New Berlin • 5110 NENY Newburgh • 5015 NOMA Northborough • 5327 ORFL Orlando • 5194 PHPA Philadelphia • 5854 PHAZ Phoenix • 5150 PTPA Pittsburgh • 5958 SACA Sacramento • 5843 SCUT Salt Lake City • 5983 SEWA Seattle • 5631 STMO St. Louis **Note:** Include only the numeric HubID value in your request.

Element	Required	Description
SmartPostDetail/ CustomerManifestId	Optional and/or Required	Optional. This field is of little practical use for a returns package. The CustomerManifestId is used to group FedEx SmartPost packages onto a manifest for each trailer that is being prepared. If you have multiple trailers, you must assign a Manifest Id to each FedEx SmartPost package as determined by its trailer. The Manifest Id must be unique to your account number for a minimum of 6 months and cannot exceed 8 characters in length. We recommend that you use the day of year, the trailer id (a sequential number for that trailer). For example, if there are 3 trailers that you started loading on Feb 10, then the 3 Manifest Ids would be 041001, 041002, 041003 (this example includes leading zeros on the trailer numbers). The maximum length is 8 characters.
RequestedShipment/ RequestedPackageLineItems/ PhysicalPackaging	Optional and/or Required	Optional. Provides additional detail on how the customer has physically packaged this item. Required for FedEx SmartPost services.

General Reply Elements

The following elements are returned in every FedEx reply:

Element	Required	Description
Notifications/Severity	Optional and/or Required	One of five string values returned in every reply: • SUCCESS - Your transaction succeeded with no other applicable information. • NOTE - Additional information that may be of interest to you about your transaction is in the reply. • WARNING - Additional information 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.
Notifications/Code	Optional and/or Required	A three or four digit standardized string that matches the message field below. Please refer to Appendix O for a complete list of codes and their matching messages.

Element	Required	Description
Notifications/Message	Optional and/or Required	A message that matches the code. The message for a NOTE includes additional information. The message for a WARNING might specify a system assumption or additional action you may need to take. The message for an ERROR usually specifies a problem with your request that prevented processing.
Version	Optional and/or Required	The system will echo back the Version elements you specified in your request.

FedEx SmartPost Reply Elements

The following elements are returned in the FedEx SmartPost reply:

Element	Required	Description
CompletedShipmentDetail/ RoutingDetail/TransitTime	Optional and/or Required	String. The minimum number of days for the package to be delivered.
CompletedShipmentDetail/ RoutingDetail/ MaximumTransitTime	Optional and/or Required	String. The maximum number of days for the package to be delivered.
CompletedShipmentDetail/ AccessDetail/ E-mailLabelUrl	Optional and/or Required	The URL the customer will receive in the e-mail from FedEx to take them to the label that has been generated for them.
CompletedShipmentDetail/ CompletedPackageDetails/ TrackingIds/TrackingIdType	Optional and/or Required	The reply will include tracking numbers for the package. The TrackingIdType will specify whether a specific Tracking Number provided is USPS or GROUND.
CompletedShipmentDetail/ CompletedPackageDetails/ TrackingIds/ TrackingNumber	Optional and/or Required	The reply will usually include two tracking numbers for the package. The TrackingNumber will show the Tracking number value. USPS is 22 digits, Ground is 15 digits.

The customer will receive an e-mail from FedEx that uses the data as provided in your request. The e-mail will look like this:

Dear Test ShipperName,

Test Recipient Company has sent you an electronic FedEx return label. Please review the shipment information below and if accurate, click the following link to print your return shipping label. Next, be sure to follow important instructions on available options for package drop-off or pickup:

Get FedEx Return Label

Test Notification email message.

Need Help?
- If the return label has expired or you have any general questions about your return, please contact null at 222-333-4444.
- You must access the URL on or before the label expiration date of 07-01-2010.
- You may alternatively access your label by using this UserID (TestShippe) and Password (xdv0dj) at https://wwwtest.fedex.com/OnlineLabel.
- If the return label has not expired and you have difficulty printing it, please call FedEx Technical Support at 1.877.339.2774 for assistance.

Thank you for shipping your return with FedEx.

SHIPPER INFORMATION	RECIPIENT INFORMATION
Test Shipper Company	Test Recipient Company
Attn: Test ShipperName	*Attn: Attn: Recipient*
2925 Embassy Parkway	60 FED EX PKWY FL 2
Suite 10	COLLIERVILLE, TN 38017-8711
Akron, OH 44333	111-222-3333
222-333-4444	

RETURN CONFIRMATION INFORMATION	SHIPMENT DETAILS
Label Expiration Date: 07-01-2010	Total Pieces: 1
RMA Number: UAT Test RMA 123	Total Weight: 0.50
	Product: Sample Item Description
	Packaging: Other Packaging
	Delivery Option: Weekday Delivery

Following the link, the user will see a **fedex.com** screen and use the data you provided in your request. This screen will allow them to choose which shipping label to display and print:

Cancel E-Mail Label Elements

The following information is required to cancel an E-Mail Return Label using a CancelPendingShipment Web Service Request:

Element	Required	Description
CancelPendingShipment	Optional and/or Required	The Web Service inside the Ship Service WSDL file used to cancel all E-Mail Return Labels
WebAuthenticationDetail/ UserCredential/Key	Optional and/or Required	The value for the Key was provided by FedEx upon your request through the FedEx Developer Resource Center. It is an alphanumeric mixed-case string.

Element	Required	Description
WebAuthenticationDetail/ UserCredential/ Password	Optional and/or Required	The value for the Password was provided by FedEx upon your request through the FedEx Developer Resource Center. It is an alphanumeric mixed-case string.
ClientDetail/ AccountNumber	Optional and/or Required	The FedEx Express nine-digit meter number that was provided by FedEx upon your request through the FedEx Developer Resource Center.
ClientDetail/ MeterNumber	Optional and/or Required	The FedEx Express meter number that was provided by FedEx upon your request through the FedEx Developer Resource Center.
Version/ServiceId	Optional and/or Required	The value is "ship"
Version/Major	Optional and/or Required	The current value is "9".
Version/Intermediate	Optional and/or Required	The current value is "0".
Version/Minor	Optional and/or Required	The current value is "0".
RequestedShipment/ ServiceType	Optional and/or Required	For this transaction the valid value is SMART_POST
TrackingId/ TrackingIdType	Optional and/or Required	Required. You will use a Tracking number to cancel a specific package. This field specifies which tracking number will be specified. The valid values for this service are: • GROUND • USPS
TrackingId/ TrackingNumber	Optional and/or Required	Required. The Tracking number for the active package you wish to cancel.

XML Schema

See Schema ShipService.

Customizable Labels

Shippers will be offered a customizable area on the labels for FedEx SmartPost and FedEx SmartPost Returns.

The customizable label size is 4" x 8" which is a 4" x 6" format with an additional 1-1/2 inch area available for customization. The customizable label can be printed with and without doc-tabs.

Future Day Shipping

Customers can process FedEx SmartPost future day shipments in the same way as FedEx Ground. This includes the same limit on the number of days (10 days) as FedEx Ground future day shipments

Tracking Numbers

Customers can track FedEx SmartPost shipments using:

- Customer reference number
- P.O. number
- Invoice number
- Return Material Authorization (RMA) number

XML Schema

See Schema ShipService.

Error Messages for FedEx SmartPost

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

Creating a Label

Web Services supports a variety of label options, including thermal, plain paper, and customizable labels. With Web Services, you can use the Ship Service to produce a wide variety of labels. In this section, you will find instructions for generating the labels you need to support your shipping application.

FedEx offers 3 label formats to support shipping services:

- Thermal Labels
- Laser Labels
- Custom Labels

Thermal Labels

Web Services allows you to print shipping labels for all shipping types (FedEx Express®, FedEx Ground®, FedEx International Ground®) using a variety of thermal label printers. The following thermal label sizes are supported by Web Services:

- 4" x 6": without a configurable document tab (Doc-Tab)
- 4" x 6": includes a Doc-Tab
- 4" x 8": provides space to include a graphic or text file of your choice
- 4" x 9": provides space for graphics or text as well as a Doc-Tab

If you print shipping labels using a thermal printer, you may choose label stock that includes a Doc-Tab, a removable sticky tab with additional shipping information. You can configure this shipping information from your shipping data or choose to print configurable data that is specific to your shipping needs.

Thermal Label Elements

Thermal shipping labels contain three basic elements:

- Human-readable content: this part of the label contains the shipping information from the Web Services Ship Service.
- Two dimensional (2D) bar code: the dimensional alphanumeric bar code stores data for both FedEx Express and FedEx Ground shipments using the American National Standards Institute (ANSI) MH10.8.3 standard. The 2D bar code is created using the Portable Document Format (PDF) 417 symbology.
- FedEx specific bar code: ASTRA (Advanced Sorting Tracking Routing Assistance) for FedEx Express shipments; bar code "96" for FedEx Ground and FedEx Home Delivery® shipments. FedEx Ground also allows for the use of the SSCC-18 "00" bar code.

Generating a Thermal Label

All labels required for a shipment are generated and returned in a single buffer. For example, if a label request is made on a C.O.D. shipment, the label server returns the shipping label and a copy of the C.O.D. Return label. The label server always returns the appropriate quantity of labels for each type of shipment, so the client does not need to make multiple label calls to FedEx.

The following Web Services elements are required to generate a thermal label:

Web Services Element	Description/Valid Values
LabelSpecification/LabelFormatType	Required to receive the correct label image in the Ship Reply service: Valid values: • COMMON2D: The label format type to receive a label. • FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING • LABEL_DATA_ONLY: The value used to receive the bar code data if you create a custom label. • VICS_BILL_OF_LADING
LabelSpecification/ImageType	Required to format the thermal label for the printer you use; provides the type of data stream or bitmap to be returned. Valid values: • DPL — Unimark • EPL2 — Eltron • ZPLII — Zebra **Note:** These printers are all compatible with the ASCII Eltron Programming Language (EPL2) page mode.
LabelSpecification/LabelStockType	Required only for thermal labels. Specifies whether label stock has Doc-Tab on leading or trailing end of labels or has no Doc-Tab. Valid values: • STOCK_4X6 • STOCK_4X6.75_LEADING_DOC_TAB • STOCK_4X6.75_TRAILING_DOC_TAB • STOCK_4X8 • STOCK_4X9_LEADING_DOC_TAB • STOCK_4X9_TRAILING_DOC_TAB

Sending a Thermal Label to a Local Printer or Network Printer

If you use Web Services (SOAP request) or non-SOAP requests, the returned label buffer is Base64 encoded. Therefore, before you send the commands to the printer, you must Base64 decode the buffer. You can perform Base64 encoding and decoding using built-in functions of many XML parsers or Microsoft XML Core Services (MSXML). Once decoded, the thermal label buffer contains a list of printer commands to print the label for the type of printer you select in your Ship request. To print the thermal label, send that list of commands to the configured printer port for your thermal printer. Be sure to include the CR/LF characters as you send the commands to the printer.

Note: Labels may be reprinted by sending the original thermal label buffer to the printer. However, labels should be reprinted only if the original label is damaged or lost before the package is picked up, or as a copy for your records. Duplicate labels applied to packages will cause re-labeling and, in some cases, suspension of your shipping capabilities.

Supported Thermal Printers

The following thermal printers are recommended with FedEx Web Services:

- Unimark
- Eltron
  - o Orion (EPL2)
  - o Eclipse (EPL2)
- Zebra
  - o LP2443 (EPL2)
  - o LP2844 (EPL2)
  - o LP2348 Plus (EPL2)
  - o Z4M Plus (ZPL or EPL)
  - o ZP500 (ZPL or EPL)

These printers are all compatible with the ASCII Eltron Programming Language (EPL2) page mode. If your printer supports this programming language it may work as well. Check your printer user's guide for details. Thermal printers are supported both as a direct write to the printer connected to a system serial port, and as a native Windows installed printer for LPT, Serial, or USB connections.

Number of Thermal Labels Printed Per Service

Below is a table indicating the number of each type of label needed for a specific special service. All the necessary labels are generated by a call to the FedEx Common Label Server (CLS), and CLS returns a single buffer with the exception of the C.O.D. Return labels.

U.S.

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express U.S.	1 Shipping label
FedEx Express U.S. C.O.D.	1 Shipping label 1 C.O.D. (Collect On Delivery) Return label
FedEx Ground U.S./Home Delivery	1 Shipping label
FedEx Ground U.S. C.O.D.	1 Shipping label 2 C.O.D. Return labels

U.S. Export International

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express U.S. Export International	1 Shipping label 2 Recipient labels
FedEx Express U.S. Export International Broker Select Option	1 Shipping label 2 Recipient labels
FedEx Ground U.S. Export International	1 Shipping label
FedEx Ground U.S. Export International C.O.D.	1 Shipping label 2 C.O.D. Return labels

Intra-Canada

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express intra-Canada	Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label
FedEx Ground intra-Canada	1 Shipping label
FedEx Ground intra-Canada C.O.D.	1 Shipping label 2 C.O.D. Return labels

Canada Export International

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express Canada Export International	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express Canada Export International Broker Select	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Ground Canada (CA) Export International	1 Shipping label

Canada Export International

Service Type	Thermal Labels (FedEx CLS will return the appropriate number of labels in the response)
FedEx Express Canada Export International	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Express Canada Export International Broker Select	Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Ground Canada (CA) Export International	1 Shipping label

Doc-Tab Configuration

The notation for specifying Doc-Tab value sources begins as a strict subset of standard XPath notation, with a small set of Doc-Tab-specific extensions (described below). A path is prefixed with a small set of "aliases" that identify the object to which the rest of the path applies. The following examples should give the overall "look and feel" of the notation:

Desired element	Doc-Tab path (string)
Shipper's company name	REQUEST/SHIPMENT/Shipper/Contact/CompanyName
Total number of packages	REQUEST/SHIPMENT/PackageCount
Current package's sequence number	REQUEST/PACKAGE/SequenceNumber
Current package's weight	REQUEST/PACKAGE/Weight/Value
Shipment total net charge	REPLY/SHIPMENT/RATE/ACTUAL/TotalNetCharge/Amount
Current package's dim weight	REPLY/PACKAGE/RATE/ACTUAL/DimWeight/Value

Every "segment" (portion between "/" separators) in these samples is the actual name of an element from the WSDL, except for the starting segments, which specify where to begin navigating to the desired data. The client developer would know what names are available from the WSDL. The notation is case-sensitive and the client should use the same names as in the WSDL.

Doc-Tab Coding Details

All data from the customer's description of the shipment (RequestedShipment) and the data returned to the customer (CompletedShipmentDetail) is eligible for use in the Doc-Tab. The complete structure of those objects is necessarily complex, due to the tremendous range of service features that may occur within a FedEx shipment. The first segments of a Doc-Tab path come from a set of alias/shortcut values that allow the customer to indicate whether the requested value is to come from one of the following:

- Client or transaction detail

- Request or reply data

- Shipment- or package-level data

- Rate data, and if so, which rate type

The prefix (leading segments) of the path specifies the above choices in that order, as shown in the following tables:

Prefix (Non-Rate Data)	Remainder of path selects data from…
CLIENT/…	The effective copy of the ClientDetail
TRANSACTION/…	The effective copy of the TransactionDetail
REQUEST/SHIPMENT/…	The effective copy of the RequestedShipment
REQUEST/PACKAGE/…	The effective copy of the current RequestedPackage
REPLY/SHIPMENT/…	The CompletedShipmentDetail
REPLY/PACKAGE/…	The current CompletedPackageDetail

Prefix (Rate Data)	Remainder of path selects data from…
REPLY/SHIPMENT/RATE/ACTUAL/…	Shipment-level rate data (totals for actual rate applied)
REPLY/SHIPMENT/RATE/PAYOR_ACCOUNT/…	Shipment-level rate data (totals for specific returned rate type)
REPLY/SHIPMENT/RATE/RATED_LIST/…	Shipment-level rate data (totals for specific returned rate type)
REPLY/PACKAGE/RATE/ACTUAL/…	Package-level rate data (details for actual rate applied)
REPLY/PACKAGE/RATE/PAYOR_ACCOUNT/…	Package-level rate data (details for specified returned rate type)
REPLY/PACKAGE/RATE/RATED_LIST/…	Package-level rate data (details for specified returned rate type)

The rate data is taken from the appropriate instance (based on the rate type specified by the fourth segment of the path) of ShipmentRateDetail (for shipment-level data) or PackageRateDetail (for package-level data).

Doc-Tab Specification

The RequestedShipment contains a LabelSpecification that describes each zone on the Doc-Tab portion of the label by a DocTabZoneSpecification, located as follows:

```
RequestedShipment
…
LabelSpecification (LabelSpecification)
CustomerSpecifiedLabelDetail (CustomerSpecifiedLabelDetail)
    DocTabContent (DocTabContent)
DocTabContentType (DocTabContentType)
    Zone001 (DocTabContentZone001)
        DocTabZoneSpecifications[] (DocTabZoneSpecification)
ZoneNumber (positiveInteger)
Header (string)
        DataReference (string)
        LiteralValue (string)
        Justification (DocTabZoneJustificationType:string)
```

After identifying the zone number, the specification can indicate:

- An optional header

- Either a data reference (path to a request/reply element) or a literal value (actual data to be printed)

- An optional justification

If both a data reference and literal value are passed, literal value takes precedence over data reference.

The data reference specifies a path to the element desired, based on a specific starting point:

- Client detail data (ClientDetail)

- Transaction detail data (TransactionDetail)

- Request data for the entire shipment (RequestedShipment)

- Request data for the current package (RequestedPackage)

- Reply data for the entire shipment (CompletedShipment)

- Reply data for the current package (CompletedPackage)

The path is made up of selectors, each of which specifies a step "into" the structure of the starting-point object. For single-valued (non-array) elements, the name of the element is the selector. All examples on the previous page used single-valued elements.

Array elements are qualified by a predicate that indicates which element of the array should be used, either by position or by content. Examples of this usage would be:

Shipper's first street address line:

```
REQUEST/SHIPMENT/Shipper/Address/StreetLines[1]
```

Third-party number of shipment uploaded to FedEx InSight® system:

```
REQUEST/SHIPMENT/ShipmentContentRecords[3]/PartNumber
```

Shipment fuel surcharge:

```
REPLY/PACKAGE/RATE/PAYOR_ACCOUNT/Surcharges[SurchargeType="FUEL"]/Amount
```

There are few cases where array elements would be needed; the most likely scenario involves data (such as surcharges and taxes).

Example — ZoneNumber 1-8 specify data elements (using the XPath notation) and Zone 9 specifies a literal value.

```
<LabelSpecification>
    <LabelFormatType>COMMON2D</LabelFormatType>
    <ImageType>EPL2</ImageType>
    <LabelStockType>STOCK_4X6.75_LEADING_DOC_TAB</LabelStockType>
    <LabelPrintingOrientation>TOP_EDGE_OF_TEXT_FIRST</LabelPrintingOrientation>
    <CustomerSpecifiedDetail>
        <DocTabContent>
            <DocTabContentType>ZONE001</DocTabContentType>
                <Zone001>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>1</ZoneNumber>
                        <Header>Street</Header>
                        <DataField>REQUEST/SHIPMENT/Shipper/Address/StreetLines[1]</
                        DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>2</ZoneNumber>
                        <Header>Meter</Header>
                        <DataField>CLIENT/MeterNumber</DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>3</ZoneNumber>
                        <Header>TransId</Header>
                        <DataField>TRANSACTION/CustomerTransactionId</DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>4</ZoneNumber>
                        <Header>TotalSur</Header>
                        <DataField>REPLY/SHIPMENT/RATE/PAYOR_ACCOUNT/
                        TotalSurcharges/Amount</DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>5</ZoneNumber>
                        <Header>TotalWt</Header>
                        <DataField>REQUEST/SHIPMENT/TotalWeight/Value</DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>6</ZoneNumber>
                        <Header>Date</Header><DataField>REQUEST/SHIPMENT/
                        ShipTimestamp</DataField>
                    </DocTabZoneSpecifications>
                    <DocTabZoneSpecifications>
                        <ZoneNumber>7</ZoneNumber>
                        <Header>Contact</Header>
```

```
            <DataField>REQUEST/SHIPMENT/Recipient/Contact/PersonName
            </DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>8</ZoneNumber>
            <Header>Insured</Header>
            <DataField>REQUEST/PACKAGE/InsuredValue/Amount</DataField>
        </DocTabZoneSpecifications>
        <DocTabZoneSpecifications>
            <ZoneNumber>9</ZoneNumber>
            <Header>Literal 1</Header>
            <LiteralValue>mytext</LiteralValue>
        </DocTabZoneSpecifications>
        </Zone001>
    </DocTabContent>
  </CustomerSpecifiedDetail>
</LabelSpecification>
```

For an illustration of the DocTab path syntax and VPath, see [Path Syntax for DocTabHelper and VPath](#).

Path Syntax for DocTabHelper and VPath
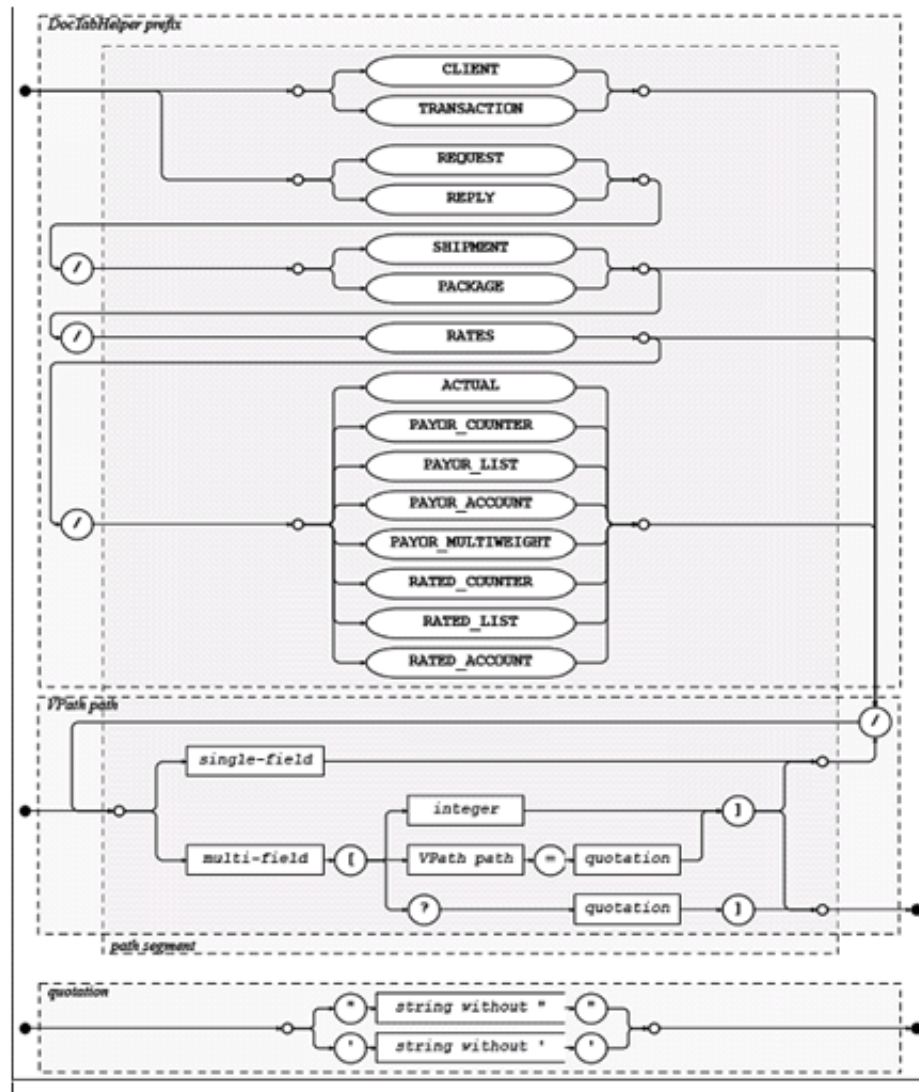
Laser Labels

Web Services supports label printing with a laser printer. Labels that are printed with a laser printer are generated in PDF format and do not need to be scaled or resized. These labels are usually printed on 8-1/2" x 11" paper and folded in half to fit in the standard FedEx label pouch. The following requirements apply to PDF labels:

• Adobe Reader 6.0 or higher is required to process the label.

• Printer driver configuration must have printer scaling set to none.

• Using an HTML wrapper is not necessary for displaying a plain paper PDF label in a browser.

- Acrobat recommends the following browsers for viewing PDF documents:
  - o Microsoft Internet Explorer 5.5 or higher
  - o Netscape 7.1 or 8.0
  - o Firefox 1.0 or higher
  - o Mozilla 1.7 or higher

The PDF label option eliminates the need to specify the image orientation parameter (width and height) or the screen resolution to display the label properly in the browser.

Laser Label Elements

Laser shipping labels contain three basic elements:

- Human-readable content — This part of the label contains the shipping information from the Web Services Ship Service.

- Two dimensional (2D) bar code — The dimensional alphanumeric bar code stores data for both FedEx Express and FedEx Ground shipments using American National Standards Institute (ANSI) MH10.8.3 standard. The 2D bar code is created using the Portable Document Format (PDF) 417 format.

- FedEx specific bar code — ASTRA (Advanced Sorting Tracking Routing Assistance) for FedEx Express shipments; bar code "96" for FedEx Ground and FedEx Home Delivery shipments. FedEx Ground also allows for the use of the SSCC-18 "00" bar code when applicable.

Generating a Laser Label

The following Web Services elements are required to generate a laser label:

Web Services Element	Description/Valid Values
LabelSpecification/ LabelFormatType	Required to receive the correct label image in the Ship Reply service: Valid values are: • COMMON2D — label format type to receive a label. • LABEL_DATA_ONLY — this value is used to receive the bar code data if you create a custom label.
LabelSpecification/ ImageType	Required to indicate label formatting. Type of data stream or bitmap to be returned: Valid values are: • PDF — plain paper • PNG — plain paper

Web Services Element	Description/Valid Values
LabelSpecification/ LabelStockType	Required only for thermal labels. Specifies whether label stock has Doc-Tab on leading or trailing end of labels or has no Doc-Tab. Valid values are: • PAPER_4X6 • PAPER_4X8 • PAPER_4X9 • PAPER_7X4.75 • PAPER_8.5X11_BOTTOM_HALF_LABEL • PAPER_8.5X11_TOP_HALF_LABEL • PAPER_LETTER

Note: If you request a plain paper label, the data returned is an encoded label image, which must be decoded prior to displaying the label file.

Supported Laser Printers

Most laser printers are supported for this label type; however, labels will not be accepted if they are printed on an ink jet printer. If you are using a color laser printer, the color definition should be set to black, even if the printer only has a black cartridge installed. This setting is necessary to achieve the correct bar code definition for scanning at the FedEx hubs.

Printing a Laser Label

FedEx returns one laser label per shipping request, with the exception of C.O.D. labels. If you need to print multiple labels (for example, international shipments need additional copies of shipping labels to accompany the customs clearance documentation), you must request additional copies.

To prepare your package for shipment, you must:

1. Use the Print button on your browser to print the page containing your label.

2. The shipping portion of the laser label prints on the top half of an 8-1/2" x 11" page. If you use FedEx approved label stock that accommodates the half page label as a peel and stick, affix this portion of the label to the package. The bottom portion of the label provides terms and conditions and a recap of your tracking number. This portion of the label should be kept for your records.

3. If you use plain paper instead of label stock, fold the page in half and place it in a waybill pouch. Attach the pouch to your package so that the bar code portion of the label can be read and scanned.

Note: Labels may be reprinted by sending the original PDF to the printer. However, labels should be reprinted only if the original label is damaged or lost before the package is picked up or as a copy for your records. Duplicate labels applied to packages will cause relabeling and, in some cases, suspension of your shipping capabilities.

Note: For all Mexico to Mexico shipments, if no language is specified, the Legal Terms and Conditions will be provided in Spanish.

Number of Labels Required Per Service

U.S.

Service Type	Laser Label — PDF Format
FedEx Express U.S. C.O.D.	1 Shipping label 1 C.O.D. (Collect On Delivery) Return label
FedEx Ground/Home Delivery U.S.	1 Shipping label
FedEx Ground U.S. C.O.D.	1 Shipping label 2 C.O.D. Return labels

U.S. Export International

Service Type	Laser Label — PDF Format
FedEx Express U.S. Export International	1 Shipping label in the reply; a minimum of 3 labels must be printed — 1 label on the package and 2 in the document pouch.
FedEx Express U.S. Export International Broker Select	1 Shipping label in the reply; a minimum of 3 labels must be printed — 1 label on the package and 2 in the document pouch.
FedEx Ground U.S. Export International	1 Shipping label
FedEx Ground U.S. Export International C.O.D.	1 Shipping label 2 C.O.D. Return labels

Intra-Mexico

Service Type	Laser Label — PDF Format
FedEx Express Intra-Mexico	FedEx Express Intra-Mexico Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label

Intra-Canada

Service Type	Laser Label — PDF Format
FedEx Express Intra-Canada	FedEx Express Intra-Canada Non-DG (Dangerous Goods)/Dry ice shipment: 1 Shipping label
FedEx Ground Intra-Canada	1 Shipping label
FedEx Ground Intra-Canada C.O.D.	1 Shipping label 2 C.O.D. Return labels

Canada Export International

Service Type	Laser Label — PDF Format
FedEx Express Canada Export International	FedEx Express Canada Export International Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Express Canada Export International Broker Select	FedEx Express Canada Export International Broker Select Non-DG/Dry ice shipment: 1 Shipping label 2 Recipient labels
FedEx Ground Canada (CA) Export International	1 Shipping Label

Custom Labels

To support your shipping application, Web Services provides two options for customizing your shipping label:

- Place the PNG 4" x 6" label graphic on your label stock. For example, you may create a packing list on an 8-1/2" x 11" form. As part of this form, you may also place the 4" x 6" PNG label graphic instead of creating a custom label on your own.

- Add a graphic or text file to the 4" x 8" or 4" x 9" thermal label. This label size provides 1-1/2 inches of space for your graphic or text.

Using a Customizable Section of a Thermal Label

FedEx Web Services provides two thermal label formats that you can customize with either a graphic or text file to prevent the need for creating a custom label. These formats are:

- 4" x 8" thermal label without Doc-Tab

- 4" x 9" thermal label with Doc-Tab

These label types provide a 1-1/2 inch customizable section. This feature is only applicable to the thermal label printed on a thermal printer set to 203 DPI.

The rules for using these label formats are:

- These labels support all FedEx shipping services.

- Only the shipping label can be customized. For example, if you print a 4" x 8" Express shipping label with your logo, the secondary recipient labels will not display it.

- The customizable graphic or text must not exceed 1-1/2 inches high and 4-1/2 inches wide.

- No correction is provided by FedEx. The graphic and/or text prints as it is submitted in the shipping service.

- If all the necessary data for printing the graphic and/or text is not provided (for example: X and Y coordinates), a valid shipping label is returned without the customized data. You must cancel the shipment represented by this label if you attempt to recreate another label with the graphic and/or text.

- Printer restrictions require the position origin at the top left quadrant of the front. Therefore, it is possible for data to start in the customizable section of the label and write down into the FedEx portion of the label (actual thermal label data). If this occurs, your logo or text will be written over with the FedEx label information. You must correct this positioning to use the shipping label.

- The addition of Doc-Tab information to the 4" x 9" label must be configured using the same process as you would use for a standard 4" x 6" Doc-Tab thermal label.

To Add Text to the 4x8/4x9 Label

In the Ship Service WSDL, use the CustomLabelDetail (ComplexType) and choose the TextEntries element.

In the TextEntries element, the following elements are required:

Web Services Element	Description/Valid Values
CustomLabelTextEntry/Position	Contains the x/y coordinates for placement of the text.
	x = horizontal position, relative to left edge of custom area
	y = vertical position, relative to the top edge of the custom area
	Only non-negative integers may be used.
CustomLabelTextEntry/Format	Contains the text to be printed on the label.
	Note: This is a *format string* used to format the printed text. It is not the actual text.
CustomLabelTextEntry/DataFields	Contains the text to be printed on the label
CustomLabelTextEntry/ThermalFontID	Printer-specific font name for use with thermal printer. Valid values: from 1 to 23.
LabelFormatType	The label format type should be set to COMMON2D
LabelImageType	The language type for your hardware
LabelStockType	Either STOCK_4X8 or STOCK_4X9_LEADING_DOC_TAB

Transaction Sample for custom text on a label:

```
  <q0:LabelFormatType>COMMON2D</q0:LabelFormatType>
  <q0:ImageType>EPL2</q0:ImageType>
  <q0:LabelStockType>STOCK_4X8</q0:LabelStockType>
- <q0:CustomerSpecifiedDetail>
- <q0:CustomContent>
- <q0:TextEntries>
- <q0:Position>
  <q0:X>150</q0:X>
  <q0:Y>70</q0:Y>
  </q0:Position>
  <q0:Format>RMA# abcdefghijklmnopqrstuvwxyz12345678</q0:Format>
  <q0:ThermalFontId>2</q0:ThermalFontId>
  </q0:TextEntries>
- <q0:BarcodeEntries>
- <q0:Position>
  <q0:X>20</q0:X>
  <q0:Y>10</q0:Y>
  </q0:Position>
  <q0:Format>abcdefghijklmnopqrstuvwxyz12345678</q0:Format>
  <q0:BarHeight>50</q0:BarHeight>
  <q0:ThinBarWidth>2</q0:ThinBarWidth>
  <q0:BarcodeSymbology>CODE128B</q0:BarcodeSymbology>
  </q0:BarcodeEntries>
  </q0:CustomContent>
  <q0:MaskedData>SHIPPER_ACCOUNT_NUMBER</q0:MaskedData>
  </q0:CustomerSpecifiedDetail>
  </q0:LabelSpecification>
```

To Add a Graphic to the 4x8/4x9 Label

In the [Ship Service] WSDL, use the CustomLabelDetail (Complex Type) and choose the GraphicEntries element.

In the GraphicEntries element, the following elements are required:

Web Services Element	Description/Valid Values
Position	Contains the x/y coordinates for placement of the text.
	x = horizontal position, relative to left edge of custom area
	y = vertical position, relative to the top edge of the custom area
	Only non-negative integers may be used.
PrinterGraphicID	The file location of the graphic you want to include on the label.
LabelFormatType	The label format type should be set to COMMON2D.
LabelImageType	The language type for your hardware.
LabelStockType	Either STOCK_4X8 or STOCK_4X9_LEADING_DOC_TAB

To Add a Barcode to the 4x8/4x9 Label

Transaction Sample for a custom barcode on a label:

```
  <q0:LabelFormatType>COMMON2D</q0:LabelFormatType>
  <q0:ImageType>EPL2</q0:ImageType>
  <q0:LabelStockType>STOCK_4X8</q0:LabelStockType>
- <q0:CustomerSpecifiedDetail>
- <q0:CustomContent>
- <q0:TextEntries>
- <q0:Position>
  <q0:X>150</q0:X>
  <q0:Y>70</q0:Y>
  </q0:Position>
  <q0:Format>RMA# abcdefghijklmnopqrstuvwxyz12345678</q0:Format>
  <q0:ThermalFontId>2</q0:ThermalFontId>
  </q0:TextEntries>
- <q0:BarcodeEntries>
- <q0:Position>
  <q0:X>20</q0:X>
  <q0:Y>10</q0:Y>
  </q0:Position>
  <q0:Format>abcdefghijklmnopqrstuvwxyz12345678</q0:Format>
  <q0:BarHeight>50</q0:BarHeight>
  <q0:ThinBarWidth>2</q0:ThinBarWidth>
  <q0:BarcodeSymbology>CODE128B</q0:BarcodeSymbology>
  </q0:BarcodeEntries>
  </q0:CustomContent>
  <q0:MaskedData>SHIPPER_ACCOUNT_NUMBER</q0:MaskedData>
  </q0:CustomerSpecifiedDetail>
  </q0:LabelSpecification>
```

PNG Label

Web Services provides PNG (Portable Network Graphic) images for FedEx Express, FedEx Ground and FedEx International Express Freight® labels. The PNG label graphic is a replica of the thermal labels supported by Web Services. This label option allows you to place the PNG label graphic on your label stock to prevent the need for creating a custom label. The PNG label format is available for U.S. shipping only (FedEx Express and FedEx Ground).

The following requirements apply when using the 4" x 6" PNG graphic embedded in your shipping document:

Label Stock

4" x 6" PNG labels should only be used with peel-and-stick label stock. The FedEx Ground and FedEx Express label certification teams will reject 4" x 6" PNG labels that are not on peel-and-stick label stock, including any labels printed on plain paper.

Printer

Laser printers are recommended for printing labels. Ink jet printers should not be used because of their inconsistency in creating scannable bar codes. Due to the inconsistent print quality, the label certification teams reject most labels that are created with ink jet printers. The 4" x 6" PNG label cannot be printed using a color printer unless the color definition is set to black, even if the printer only has a black cartridge installed. This setting is necessary to achieve the correct bar code definition for scanning at the FedEx hubs.

Scaling

The image returned in your shipping transaction is 200 dots per inch (DPI) and measures 4" (W) x 6" (H) or 800 x 1200 pixels. This label has a vertical orientation and is designed to print in a 4" x 6" label area. When printed, the label should measure 4" x 6". When you generate a PNG label image in Web Services, the image is produced in 200 DPI, which is the minimum bar code DPI. When you view the image on your screen, most applications degrade the DPI to your screen resolution. Typically, this is 96 DPI, which is far less than the minimum bar code DPI required. To produce the label and bar codes in the required DPI, you must scale (or resize) the image before printing. How you scale the image depends on the application you are using to view and print the label.

Scaling Instructions for PNG Labels

To scale the PNG image for a 4" x 6" label in inches: 4" width and 6" length exactly.

To scale the PNG image for a 4" x 6" label in pixels:

- If your screen resolution is 96 DPI:
    - o Width = 384 pixels (96 ÷ 200 x 800 = 384)
    - o Height = 576 pixels (95 ÷ 200 x 1200 = 576)
- If your screen resolution is 72 DPI:
    - o Width = 288 pixels (72 ÷ 200 x 800 = 288)
    - o Height = 432 pixels (72 ÷ 200 x 1200 = 432)
- If your screen resolution is not 96 or 72 DPI
    - o Width = Your screen DPI ÷ 200 x 800
    - o Height = Your screen DPI ÷ 200 x 1200

Submit Custom Labels to FedEx

Before you can produce custom labels in a production environment, FedEx must first test these labels to ensure that FedEx can scan them for routing and delivery. The following process outline will help you gather the information you need for label certification.

Label Sets Required

The types of printer models you support determines how many sets of labels that must be submitted to FedEx:

- For FedEx Express: From the FedEx Express label test cases, submit three labels for each scenario that you will be using.

- For FedEx Ground: From the FedEx Ground label test cases, submit three labels for each scenario that you will be using.

You must produce labels from each printer type you use. For example, if you use an Eltron 2348 and an Eltron 2342 to print thermal labels, you must send in three sets of labels for each of these printers.

Note: You should only produce labels for the services you will be using. For example, if you will not be shipping FedEx 2Day®, you don't need to create sample labels for this service.

Label Stock Required

Use only white label stock (near infrared for direct thermal printing). A minimum of 6 inches of vertical space is required. If correct label stock is not used, labels will not pass certification. For laser labels, high-grade pure white paper is required.

Print Quality and Layout Requirements

Problems with print quality and overall layout can cause labels to fail certification. Most problems can be easily detected and corrected before submitting labels. For each printer to be used for label submission, print one test label and go through the Label Review Checklist to determine if a problem exists before printing labels for the remaining test cases.

Label Review Checklist

Use these lists to check for problems before you submit each set of labels.

All Bar Codes

Required for validation:

- Quiet Zone: Must always have at least 0.1" white space both above and below bar code.

- Quiet Zone: Must always have at least 0.2" white space both left and right of bar code.

- Validate that all bar codes meet minimum height requirements.

Print Quality

Common problems that cause labels to be rejected:

- Split Bars

- Faded Print/White Voids

- Repeating White Voids (roller problem)

- Smudging (thermal transfer)

- Flaking (laser) indicates Toner Fusion Problem
- Wrinkled in the Print (thermal transfer)
- Print Contrast for direct thermal labels must be at least 90%

Schema
ShipService_v9.xsd

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

Elements

CancelPendingShipmentReply
CancelPendingShipmentRequest
CreatePendingShipmentReply
CreatePendingShipmentRequest
DeleteShipmentRequest
DeleteTagRequest
ProcessShipmentReply
ProcessShipmentRequest
ProcessTagReply
ProcessTagRequest
ShipmentReply
ValidateShipmentRequest

Complex types

AdditionalLabelsDetail
Address
AstraLabelElement
BinaryBarcode
CancelPendingShipmentReply
CancelPendingShipmentRequest
CertificateOfOriginDetail
ClientDetail
CodDetail
CodReturnPackageDetail
CodReturnShipmentDetail
CommercialInvoice
CommercialInvoiceDetail
Commodity
CompletedEtdDetail
CompletedHoldAtLocationDetail
CompletedPackageDetail
CompletedShipmentDetail
CompletedSmartPostDetail
CompletedTagDetail
ConfigurableLabelReferenceEntry
Contact
ContactAndAddress
ContentRecord
CreatePendingShipmentReply
CreatePendingShipmentRequest
CurrencyExchangeRate
CustomDeliveryWindowDetail
CustomDocumentDetail
CustomerImageUsage
CustomerReference
CustomerSpecifiedLabelDetail
CustomLabelBarcodeEntry
CustomLabelBoxEntry
CustomLabelDetail
CustomLabelGraphicEntry
CustomLabelPosition
CustomLabelTextEntry
CustomsClearanceDetail
DangerousGoodsDetail
DateRange
DeleteShipmentRequest
DeleteTagRequest
DestinationControlDetail
Dimensions
DocTabContent
DocTabContentBarcoded
DocTabContentZone001
DocTabZoneSpecification
EdtCommodityTax
EdtExciseCondition
EdtTaxDetail
EMailLabelDetail
EMailNotificationDetail
EMailNotificationRecipient
EtdDetail
ExportDetail
ExpressFreightDetail
FreightAddressLabelDetail
FreightBaseCharge

Simple types

AdditionalLabelsType
B13AFilingOptionType
BarcodeSymbologyType
BinaryBarcodeType
CarrierCodeType
ClearanceBrokerageType
CodAddTransportationChargesType
CodCollectionType
CodReturnReferenceIndicatorType
CustomDeliveryWindowType
CustomerImageUsageType
CustomerReferenceType
CustomLabelCoordinateUnits
DangerousGoodsAccessibilityType
DayOfWeekType
DeletionControlType
DestinationControlStatementType
DocTabContentType
DocTabZoneJustificationType
DropoffType
EdtRequestType
EdtTaxType
EMailNotificationAggregationType
EMailNotificationFormatType
EMailNotificationRecipientType
ErrorLabelBehaviorType
FedExLocationType
FreightAccountPaymentType
FreightChargeBasisType
FreightClassType
FreightCollectTermsType
FreightOnValueType
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
PhysicalPackagingType
PickupRequestSourceType

FreightRateDetail
FreightRateNotation
FreightShipmentDetail
FreightShipmentLineItem
FreightSpecialServicePayment
GeneralAgencyAgreementDetail
HazardousCommodityContent
HazardousCommodityDescription
HazardousCommodityOptionDetail
HazardousCommodityPackagingDetail
HazardousCommodityQuantityDetail
HoldAtLocationDetail
HomeDeliveryPremiumDetail
LabelSpecification
LiabilityCoverageDetail
LinearMeasure
Localization
Measure
Money
NaftaCertificateOfOriginDetail
NaftaCommodityDetail
NaftaProducer
Notification
NotificationParameter
Op900Detail
PackageBarcodes
PackageRateDetail
PackageRating
PackageSpecialServicesRequested
Party
Payment
Payor
PendingShipmentAccessDetail
PendingShipmentDetail
PickupDetail
PrintedReference
PriorityAlertDetail
ProcessShipmentReply
ProcessShipmentRequest
ProcessTagReply
ProcessTagRequest
RateDiscount
Rebate
RecipientCustomsId
RequestedPackageLineItem
RequestedShipment
ReturnEMailDetail
ReturnShipmentDetail
Rma
RoutingAstraDetail
RoutingDetail
ShipmentDryIceDetail
ShipmentRateDetail
ShipmentRating
ShipmentReply
ShipmentRoutingDetail
ShipmentSpecialServicesRequested
ShippingDocument
ShippingDocumentDispositionDetail
ShippingDocumentEMailDetail
ShippingDocumentEMailRecipient
ShippingDocumentFormat
ShippingDocumentPart
ShippingDocumentPrintDetail
ShippingDocumentSpecification
SignatureOptionDetail
SmartPostShipmentDetail
StringBarcode
Surcharge
Tax
TaxpayerIdentification
TrackingId
TransactionDetail
UploadDocumentReferenceDetail
ValidatedHazardousCommodityContent
ValidatedHazardousCommodityDescription
ValidateShipmentRequest
VariableHandlingChargeDetail

PickupRequestType
PricingCodeType
PrintedReferenceType
PurposeOfShipmentType
RateDimensionalDivisorType
RateDiscountType
RatedWeightMethod
RateRequestType
RebateType
RecipientCustomsIdType
RegulatoryControlType
RequestedPackageDetailType
RequestedShippingDocumentType
ReturnedRateType
ReturnedShippingDocumentType
ReturnEMailAllowedSpecialServiceType
ReturnType
ServiceType
ShipmentSpecialServiceType
ShippingDocumentDispositionType
ShippingDocumentEMailGroupingType
ShippingDocumentGroupingType
ShippingDocumentImageType
ShippingDocumentStockType
SignatureOptionType
SmartPostAncillaryEndorsementType
SmartPostIndiciaType
SpecialRatingAppliedType
StringBarcodeType
SurchargeLevelType
SurchargeType
TaxType
TermsOfSaleType
TinType
TrackingIdType
TransitTimeType
UploadDocumentIdProducer
UploadDocumentProducerType
UploadDocumentType
VariableHandlingChargeType
VolumeUnits
WeightUnits

VariableHandlingCharges
VersionId
Volume
WebAuthenticationCredential
WebAuthenticationDetail
Weight

element **CancelPendingShipmentReply**

diagram	ns:CancelPendingShipmentReply CancelPendingShipmentReply → ns:HighestSeverity, ns:Notifications (1..∞), ns:TransactionDetail, ns:Version
namespace	http://fedex.com/ws/ship/v9
type	**ns:CancelPendingShipmentReply**
properties	content complex
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version**
source	<xs:element name="CancelPendingShipmentReply" type="ns:CancelPendingShipmentReply"/>

element **CancelPendingShipmentRequest**

diagram	ns:CancelPendingShipmentRequest CancelPendingShipmentRequest → ns:WebAuthenticationDetail (Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).), ns:ClientDetail (Descriptive data identifying the client submitting the transaction.), ns:TransactionDetail (Descriptive data for this customer transaction. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.), ns:Version (Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).), ns:TrackingId
namespace	http://fedex.com/ws/ship/v9
type	**ns:CancelPendingShipmentRequest**
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:TrackingId**

source	`<xs:element name="CancelPendingShipmentRequest"` `type="ns:CancelPendingShipmentRequest"/>`

element **CreatePendingShipmentReply**

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

element **CreatePendingShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
type	**ns:CreatePendingShipmentRequest**
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment**
source	\<xs:element name="CreatePendingShipmentRequest" type="ns:CreatePendingShipmentRequest"/\>

element **DeleteShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
type	**ns:DeleteShipmentRequest**
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ShipTimestamp ns:TrackingId ns:DeletionControl**
source	<xs:element name="DeleteShipmentRequest" type="ns:DeleteShipmentRequest"/>

element **DeleteTagRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
type	**ns:DeleteTagRequest**
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:DispatchLocationId ns:DispatchDate ns:Payment ns:ConfirmationNumber**
source	\<xs:element name="DeleteTagRequest" type="ns:DeleteTagRequest"/\>

element **ProcessShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
type	**ns:ProcessShipmentReply**
properties	content complex
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:CompletedShipmentDetail ns:ErrorLabels**
source	`<xs:element name="ProcessShipmentReply" type="ns:ProcessShipmentReply"/>`

element **ProcessShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
type	**ns:ProcessShipmentRequest**
properties	content complex
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment**
source	\<xs:element name="ProcessShipmentRequest" type="ns:ProcessShipmentRequest"/\>

element **ProcessTagReply**

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

element **ProcessTagRequest**

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

element **ShipmentReply**

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

type	**ns:ShipmentReply**
properties	content complex
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version**
source	<xs:element name="ShipmentReply" type="ns:ShipmentReply"/>

element **ValidateShipmentRequest**

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

complexType **AdditionalLabelsDetail**

diagram	
namespace	http://fedex.com/ws/ship/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.

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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">`
	`    <xs:annotation>`
	`     <xs:documentation>`The type of additional labels to return.`</xs:documentation>`
	`    </xs:annotation>`
	`   </xs:element>`
	`   <xs:element name="Count" type="xs:nonNegativeInteger">`
	`    <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/ship/v9
children	**ns:StreetLines ns:City ns:StateOrProvinceCode ns:PostalCode ns:UrbanizationCode ns:CountryCode ns:Residential**
used by	elements **ContactAndAddress/Address Party/Address**
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" minOccurs="0">`
	   `<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 residential (as opposed to commercial).`</xs:documentation>`
	   `</xs:annotation>`
	  `</xs:element>`
	 `</xs:sequence>`
	`</xs:complexType>`

complexType **AstraLabelElement**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Number ns:Content**

used by	elements	**CompletedPackageDetail/AstraLabelElements RoutingAstraDetail/AstraLabelElements**

source		`<xs:complexType name="AstraLabelElement">`
		`<xs:sequence>`
		`<xs:element name="Number" type="xs:int" minOccurs="0">`
		`<xs:annotation>`
		`<xs:documentation>Position of Astra element</xs:documentation>`
		`</xs:annotation>`
		`</xs:element>`
		`<xs:element name="Content" type="xs:string" minOccurs="0">`
		`<xs:annotation>`
		`<xs:documentation>Content corresponding to the Astra Element</xs:documentation>`
		`</xs:annotation>`
		`</xs:element>`
		`</xs:sequence>`
		`</xs:complexType>`

complexType **BinaryBarcode**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Type ns:Value**
used by	element **PackageBarcodes/BinaryBarcodes**
annotation	documentation Each instance of this data type represents a barcode whose content must be represented as binary data (i.e. not ASCII text).

source	`<xs:complexType name="BinaryBarcode">`
	`<xs:annotation>`
	`<xs:documentation>Each instance of this data type represents a barcode whose content must be represented as binary data (i.e. not ASCII text).</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="Type" type="ns:BinaryBarcodeType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>The kind of barcode data in this instance.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Value" type="xs:base64Binary" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>The data content of this instance.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **CancelPendingShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version**
used by	element **CancelPendingShipmentReply**

source	`<xs:complexType name="CancelPendingShipmentReply">`
	`<xs:sequence>`
	`<xs:element name="HighestSeverity" type="ns:NotificationSeverityType"/>`
	`<xs:element name="Notifications" type="ns:Notification" maxOccurs="unbounded"/>`
	`<xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"/>`
	`<xs:element name="Version" type="ns:VersionId"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **CancelPendingShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:TrackingId**
used by	element **CancelPendingShipmentRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to Cancel a Pending shipment.

source	`<xs:complexType name="CancelPendingShipmentRequest">`
	`<xs:annotation>`
	`<xs:documentation>Descriptive data sent to FedEx by a customer in order to Cancel a Pending 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="TrackingId" type="ns:TrackingId" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
```

complexType **CertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/ship/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" 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:sequence>
</xs:complexType>

complexType **ClientDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:AccountNumber ns:MeterNumber ns:IntegratorId ns:Localization**
used by	elements **CancelPendingShipmentRequest/ClientDetail CreatePendingShipmentRequest/ClientDetail DeleteShipmentRequest/ClientDetail DeleteTagRequest/ClientDetail ProcessShipmentRequest/ClientDetail ProcessTagRequest/ClientDetail ValidateShipmentRequest/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="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/ship/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 **CodReturnPackageDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:CollectionAmount ns:Electronic ns:Barcodes ns:Label**
used by	element **CompletedPackageDetail/CodReturnDetail**
source	<xs:complexType name="CodReturnPackageDetail"> <xs:sequence> <xs:element name="CollectionAmount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The COD amount (after any accumulations) that must be collected upon delivery of a package shipped using the COD special service.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Electronic" type="xs:boolean" minOccurs="0"/> <xs:element name="Barcodes" type="ns:PackageBarcodes" minOccurs="0"> <xs:annotation> <xs:documentation>Contains the data which form the Astra and 2DCommon barcodes that print on the COD return label.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Label" type="ns:ShippingDocument" minOccurs="0">

```
          <xs:annotation>
            <xs:documentation>The label image or printer commands to print the
label.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
</xs:complexType>
```

complexType **CodReturnShipmentDetail**

diagram	

namespace	http://fedex.com/ws/ship/v9
children	**ns:CollectionAmount ns:Handling ns:ServiceTypeDescription ns:PackagingDescription ns:SecuredDescription ns:Remitter ns:CodRecipient ns:CodRoutingDetail ns:Barcodes ns:Label**
used by	element **CompletedShipmentDetail/CodReturnDetail**
source	<xs:complexType name="CodReturnShipmentDetail">

```xml
    <xs:sequence>
     <xs:element name="CollectionAmount" type="ns:Money" minOccurs="0">
      <xs:annotation>
       <xs:documentation>The COD amount (after any accumulations) that must be collected upon
delivery of a package shipped using the COD special service.</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="Handling" type="xs:string" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Currently not supported.</xs:documentation>
       <xs:appinfo>
        <xs:MaxLength>TBD</xs:MaxLength>
       </xs:appinfo>
      </xs:annotation>
     </xs:element>
     <xs:element name="ServiceTypeDescription" type="xs:string" minOccurs="0">
      <xs:annotation>
       <xs:documentation>The description of the FedEx service type used for the COD return
shipment. Currently not supported.</xs:documentation>
       <xs:appinfo>
        <xs:MaxLength>70</xs:MaxLength>
       </xs:appinfo>
      </xs:annotation>
     </xs:element>
     <xs:element name="PackagingDescription" type="xs:string" minOccurs="0">
      <xs:annotation>
       <xs:documentation>The description of the packaging used for the COD return
shipment.</xs:documentation>
       <xs:appinfo>
        <xs:MaxLength>40</xs:MaxLength>
       </xs:appinfo>
      </xs:annotation>
     </xs:element>
     <xs:element name="SecuredDescription" type="xs:string" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Currently not supported.</xs:documentation>
       <xs:appinfo>
        <xs:MaxLength>TBD</xs:MaxLength>
       </xs:appinfo>
      </xs:annotation>
     </xs:element>
     <xs:element name="Remitter" type="ns:Party" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Currently not supported.</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="CodRecipient" type="ns:Party" minOccurs="0">
      <xs:annotation>
       <xs:documentation>Currently not supported.</xs:documentation>
      </xs:annotation>
     </xs:element>
     <xs:element name="CodRoutingDetail" type="ns:RoutingDetail" minOccurs="0">
      <xs:annotation>
       <xs:documentation>
          The CodRoutingDetail element will contain the COD return tracking number and form id.
In the case of a COD multiple piece shipment these will need to be inserted in the request for the
last piece of the multiple piece shipment.
          The service commitment is the only other element of the RoutingDetail that is used for a
CodRoutingDetail.
        </xs:documentation>
      </xs:annotation>
     </xs:element>
```

```
            <xs:element name="Barcodes" type="ns:PackageBarcodes" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Contains the data which form the Astra and 2DCommon barcodes that
print on the COD return label.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="Label" type="ns:ShippingDocument" minOccurs="0">
              <xs:annotation>
                <xs:documentation>The label image or printer commands to print the
label.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
```

complexType **CommercialInvoice**

diagram	

namespace	http://fedex.com/ws/ship/v9
children	**ns:Comments ns:FreightCharge ns:TaxesOrMiscellaneousCharge ns:PackingCosts ns:HandlingCosts ns:SpecialInstructions ns:DeclarationStatment ns:PaymentTerms ns:Purpose 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	

```xml
<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="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>
```
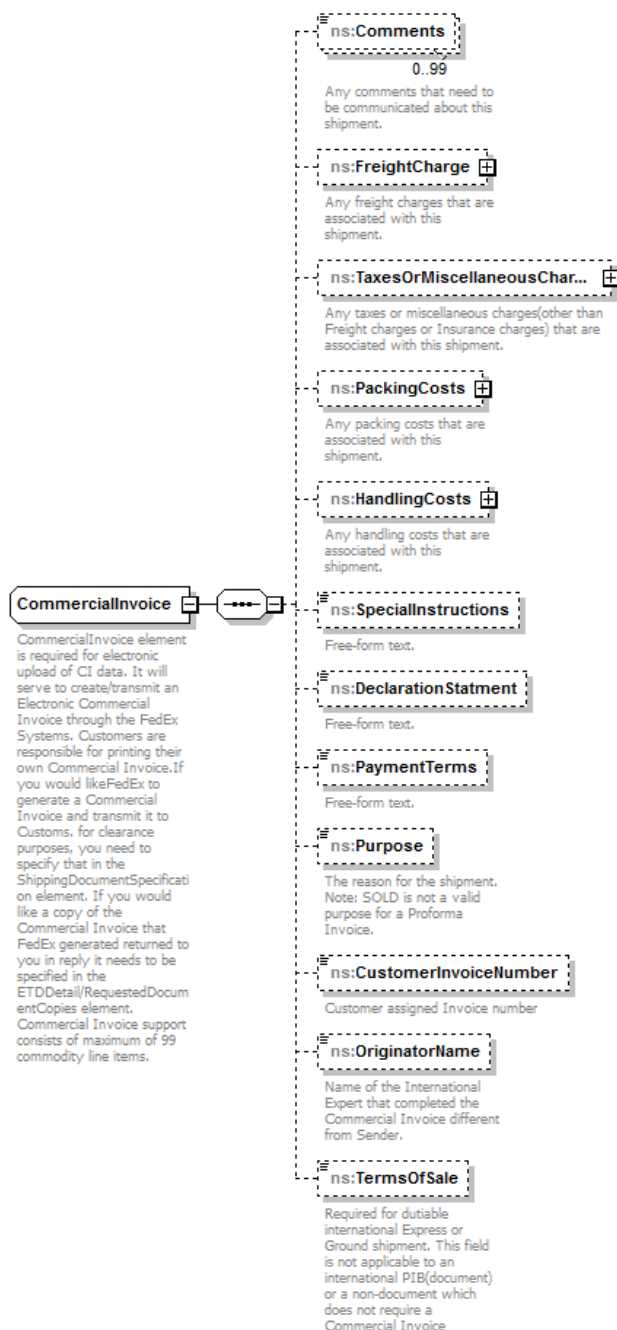
complexType **CommercialInvoiceDetail**

diagram	
namespace	http://fedex.com/ws/ship/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 **Commodity**

diagram	
namespace	http://fedex.com/ws/ship/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>`Name of this commodity.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="NumberOfPieces" type="xs:nonNegativeInteger">`
	`<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">`
	`<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">`
	`<xs:annotation>`
	`<xs:documentation>`Total weight of this commodity. 1 explicit decimal position. Max length 11 including decimal.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Quantity" type="xs:nonNegativeInteger" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Number of units of a commodity in total number of pieces for this line

```
item. Max length is 9</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="QuantityUnits" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Unit of measure used to express the quantity of this commodity line
item.</xs:documentation>
      <xs:appinfo>
       <xs:MaxLength>3</xs:MaxLength>
      </xs:appinfo>
    </xs:annotation>
  </xs:element>
  <xs:element name="AdditionalMeasures" type="ns:Measure" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Contains only additional quantitative information other than weight and
quantity to calculate duties and taxes.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="UnitPrice" type="ns:Money" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Value of each unit in Quantity. Six explicit decimal positions, Max length
18 including decimal.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CustomsValue" type="ns:Money" minOccurs="0">
    <xs:annotation>
     <xs:documentation>
          Total customs value for this line item.
          It should equal the commodity unit quantity times commodity unit value.
          Six explicit decimal positions, max length 18 including decimal.
        </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ExciseConditions" type="ns:EdtExciseCondition" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Defines additional characteristic of commodity used to calculate duties
and taxes</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ExportLicenseNumber" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Applicable to US export shipping only.</xs:documentation>
      <xs:appinfo>
       <xs:MaxLength>12</xs:MaxLength>
      </xs:appinfo>
    </xs:annotation>
  </xs:element>
  <xs:element name="ExportLicenseExpirationDate" type="xs:date" minOccurs="0">
    <xs:annotation>
     <xs:documentation>
          Date of expiration. Must be at least 1 day into future.
          The date that the Commerce Export License expires. Export License commodities may
not be exported from the U.S. on an expired license.
          Applicable to US Export shipping only.
          Required only if commodity is shipped on commerce export license, and Export License
Number is supplied.
        </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CIMarksAndNumbers" type="xs:string" minOccurs="0">
```

```
        <xs:annotation>
         <xs:documentation>
              An identifying mark or number used on the packaging of a shipment to help customers
identify a particular shipment.
         </xs:documentation>
         <xs:appinfo>
          <xs:MaxLength>15</xs:MaxLength>
         </xs:appinfo>
        </xs:annotation>
       </xs:element>
       <xs:element name="NaftaDetail" type="ns:NaftaCommodityDetail" minOccurs="0">
        <xs:annotation>
         <xs:documentation>All data required for this commodity in NAFTA Certificate of
Origin.</xs:documentation>
        </xs:annotation>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
```

complexType **CompletedEtdDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:FolderId ns:UploadDocumentReferenceDetails**
used by	element **CompletedShipmentDetail/CompletedEtdDetail**
source	<xs:complexType name="CompletedEtdDetail"> <xs:sequence> <xs:element name="FolderId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The identifier for all clearance documents associated with this shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="UploadDocumentReferenceDetails" type="ns:UploadDocumentReferenceDetail" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

complexType **CompletedHoldAtLocationDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HoldingLocation ns:HoldingLocationType**

used by	element	**CompletedShipmentDetail/CompletedHoldAtLocationDetail**
source	<xs:complexType name="CompletedHoldAtLocationDetail"> <xs:sequence> <xs:element name="HoldingLocation" type="ns:ContactAndAddress" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the branded location name, the hold at location phone number and the address of the location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="HoldingLocationType" type="ns:FedExLocationType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of FedEx location.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>		

complexType **CompletedPackageDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:SequenceNumber ns:TrackingIds ns:GroupNumber ns:OversizeClass ns:PackageRating ns:GroundServiceCode ns:Barcodes ns:AstraHandlingText ns:AstraLabelElements ns:Label ns:PackageDocuments ns:CodReturnDetail ns:SignatureOption ns:HazardousCommodities**
used by	element **CompletedShipmentDetail/CompletedPackageDetails**

source	`<xs:complexType name="CompletedPackageDetail">`
	`  <xs:sequence>`
	`    <xs:element name="SequenceNumber" type="xs:positiveInteger" minOccurs="0">`
	`      <xs:annotation>`
	`        <xs:documentation>`The package sequence number of this package in a multiple piece shipment.`</xs:documentation>`
	`      </xs:annotation>`
	`    </xs:element>`
	`    <xs:element name="TrackingIds" type="ns:TrackingId" minOccurs="0" maxOccurs="unbounded">`
	`      <xs:annotation>`

```
        <xs:documentation>The Tracking number and form id for this package.</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="OversizeClass" type="ns:OversizeClassType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Oversize class for this package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PackageRating" type="ns:PackageRating" minOccurs="0">
      <xs:annotation>
        <xs:documentation>All package-level rating data for this package, which may include data for
multiple rate types.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="GroundServiceCode" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Associated with package, due to interaction with per-package hazardous
materials presence/absence.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Barcodes" type="ns:PackageBarcodes" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The data that is used to from the Astra and 2DCommon barcodes for the
label..</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="AstraHandlingText" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The textual description of the special service applied to the
package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="AstraLabelElements" type="ns:AstraLabelElement" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element name="Label" type="ns:ShippingDocument" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The label image or printer commands to print the
label.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="PackageDocuments" type="ns:ShippingDocument" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>All package-level shipping documents (other than labels and barcodes).
For use in loads after January, 2008.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CodReturnDetail" type="ns:CodReturnPackageDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Information about the COD return shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SignatureOption" type="ns:SignatureOptionType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Actual signature option applied, to allow for cases in which the original
value conflicted with other service features in the shipment.</xs:documentation>
```

```
        </xs:annotation>
      </xs:element>
      <xs:element name="HazardousCommodities" type="ns:ValidatedHazardousCommodityContent"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Documents the kinds and quantities of all hazardous commodities in the
current package, using updated hazardous commodity description data.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
```

complexType **CompletedShipmentDetail**
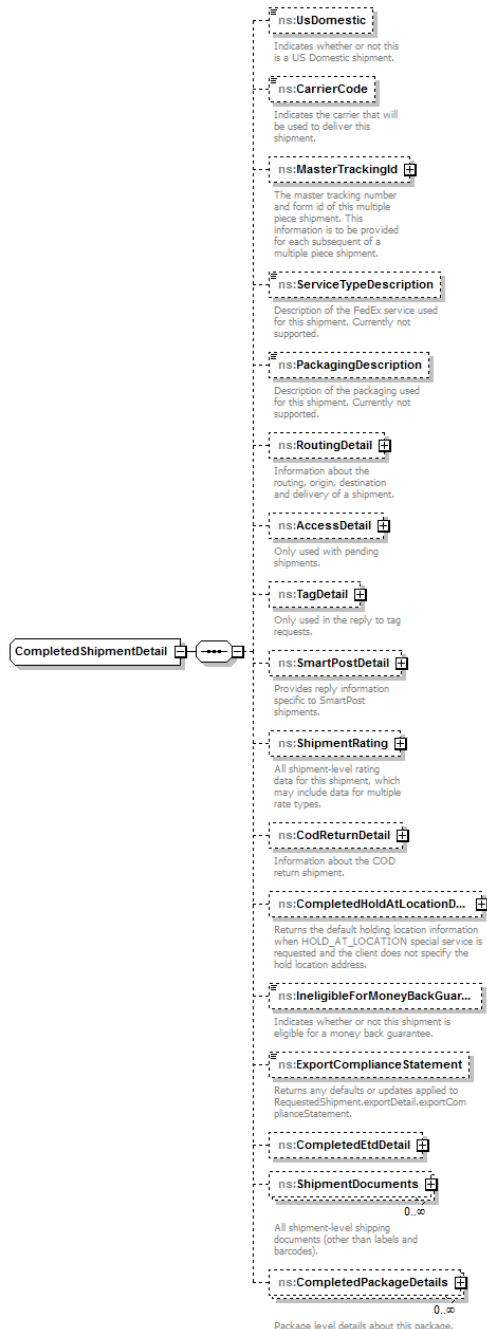
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:UsDomestic ns:CarrierCode ns:MasterTrackingId ns:ServiceTypeDescription ns:PackagingDescription ns:RoutingDetail ns:AccessDetail ns:TagDetail ns:SmartPostDetail ns:ShipmentRating ns:CodReturnDetail**

		ns:CompletedHoldAtLocationDetail ns:IneligibleForMoneyBackGuarantee ns:ExportComplianceStatement ns:CompletedEtdDetail ns:ShipmentDocuments ns:CompletedPackageDetails
used by	elements	**CreatePendingShipmentReply/CompletedShipmentDetail ProcessShipmentReply/CompletedShipmentDetail ProcessTagReply/CompletedShipmentDetail**
source		<xs:complexType name="CompletedShipmentDetail"> <xs:sequence> <xs:element name="UsDomestic" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates whether or not this is a US Domestic shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the carrier that will be used to deliver this shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MasterTrackingId" type="ns:TrackingId" minOccurs="0"> <xs:annotation> <xs:documentation>The master tracking number and form id of this multiple piece shipment. This information is to be provided for each subsequent of a multiple piece shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ServiceTypeDescription" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the FedEx service used for this shipment. Currently not supported.</xs:documentation> <xs:appinfo> <xs:MaxLength>70</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="PackagingDescription" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the packaging used for this shipment. Currently not supported.</xs:documentation> <xs:appinfo> <xs:MaxLength>40</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> <xs:element name="RoutingDetail" type="ns:ShipmentRoutingDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Information about the routing, origin, destination and delivery of a shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AccessDetail" type="ns:PendingShipmentAccessDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Only used with pending shipments.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TagDetail" type="ns:CompletedTagDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Only used in the reply to tag requests.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SmartPostDetail" type="ns:CompletedSmartPostDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Provides reply information specific to SmartPost

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```xml
shipments.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="ShipmentRating" type="ns:ShipmentRating" minOccurs="0">
    <xs:annotation>
     <xs:documentation>All shipment-level rating data for this shipment, which may include data
for multiple rate types.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CodReturnDetail" type="ns:CodReturnShipmentDetail" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Information about the COD return shipment.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CompletedHoldAtLocationDetail" type="ns:CompletedHoldAtLocationDetail"
minOccurs="0">
    <xs:annotation>
     <xs:documentation>Returns the default holding location information when
HOLD_AT_LOCATION special service is requested and the client does not specify the hold
location address.</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="ExportComplianceStatement" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Returns any defaults or updates applied to
RequestedShipment.exportDetail.exportComplianceStatement.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CompletedEtdDetail" type="ns:CompletedEtdDetail" minOccurs="0"/>
   <xs:element name="ShipmentDocuments" type="ns:ShippingDocument" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>All shipment-level shipping documents (other than labels and
barcodes).</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="CompletedPackageDetails" type="ns:CompletedPackageDetail"
minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
     <xs:documentation>Package level details about this package.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **CompletedSmartPostDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:PickUpCarrier ns:Machinable**
used by	element **CompletedShipmentDetail/SmartPostDetail**
annotation	documentation Provides reply information specific to SmartPost shipments.

source	`<xs:complexType name="CompletedSmartPostDetail">`
	`<xs:annotation>`
	`<xs:documentation>`Provides reply information specific to SmartPost shipments.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="PickUpCarrier" type="ns:CarrierCodeType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the carrier that will pick up the SmartPost shipment.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Machinable" type="xs:boolean" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Indicates whether the shipment is deemed to be machineable, based on dimensions, weight, and packaging.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **CompletedTagDetail**

|	
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:ConfirmationNumber ns:AccessTime ns:CutoffTime ns:Location ns:DeliveryCommitment ns:DispatchDate**
used by	element **CompletedShipmentDetail/TagDetail**
annotation	documentation Provides reply information specific to a tag request.
source	<xs:complexType name="CompletedTagDetail"> <xs:annotation> <xs:documentation>Provides reply information specific to a tag request.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ConfirmationNumber" type="xs:string"> <xs:annotation> <xs:documentation>.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AccessTime" type="xs:duration" minOccurs="0"> <xs:annotation> <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CutoffTime" type="xs:time" minOccurs="0"> <xs:annotation> <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Location" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DeliveryCommitment" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>As of June 2007, returned only for FedEx Express services.</xs:documentation>

```
        </xs:annotation>
      </xs:element>
      <xs:element name="DispatchDate" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>FEDEX INTERNAL USE ONLY: for use by INET.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
```

complexType **ConfigurableLabelReferenceEntry**

diagram	
namespace	http://fedex.com/ws/ship/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"> <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/ship/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:annotation>
    </xs:element>
   </xs:sequence>
  </xs:complexType>
```

complexType **ContactAndAddress**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Contact ns:Address**
used by	elements **FreightShipmentDetail/FedExFreightBillingContactAndAddress CompletedHoldAtLocationDetail/HoldingLocation HoldAtLocationDetail/LocationContactAndAddress RequestedShipment/Origin LabelSpecification/PrintedLabelOrigin**

source	`<xs:complexType name="ContactAndAddress">`
	`<xs:sequence>`
	`<xs:element name="Contact" type="ns:Contact"/>`
	`<xs:element name="Address" type="ns:Address" minOccurs="0"/>`
	`</xs:sequence>`

```
</xs:complexType>
```

complexType **ContentRecord**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:PartNumber ns:ItemNumber ns:ReceivedQuantity ns:Description**
used by	element **RequestedPackageLineItem/ContentRecords**
annotation	documentation Content Record.

source	`<xs:complexType name="ContentRecord">`
	`<xs:annotation>`
	`<xs:documentation>Content Record.</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="PartNumber" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Part Number.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="ItemNumber" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Item Number.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Received Quantity.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Description" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Description.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **CreatePendingShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:CompletedShipmentDetail**
used by	element **CreatePendingShipmentReply**
annotation	documentation Reply to the Close Request transaction. The Close Reply bring back the ASCII data buffer which will be used to print the Close Manifest. The Manifest is essential at the time of pickup.
source	<xs:complexType name="CreatePendingShipmentReply"> <xs:annotation> <xs:documentation>Reply to the Close Request transaction. The Close Reply bring back the ASCII data buffer which will be used to print the Close Manifest. The Manifest is essential at the time of pickup.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"> <xs:annotation> <xs:documentation>Identifies the highest severity encountered when executing the request; in order from high to low: FAILURE, ERROR, WARNING, NOTE, SUCCESS.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Notifications" type="ns:Notification" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>The descriptive data detailing the status of a sumbitted transaction.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Descriptive data that governs data payload language/translations. 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="CompletedShipmentDetail" type="ns:CompletedShipmentDetail"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>The reply payload. All of the returned information about this
shipment/package.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **CreatePendingShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment**
used by	element **CreatePendingShipmentRequest**
annotation	documentation Create Pending Shipment Request

source	`<xs:complexType name="CreatePendingShipmentRequest">`
	`<xs:annotation>`
	`<xs:documentation>Create Pending Shipment Request</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>The 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>The 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="RequestedShipment" type="ns:RequestedShipment">
    <xs:annotation>
     <xs:documentation>Descriptive data about the shipment being sent by the requestor.</xs:documentation>
    </xs:annotation>
   </xs:element>
  </xs:sequence>
 </xs:complexType>

complexType **CurrencyExchangeRate**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:FromCurrency ns:IntoCurrency ns:Rate**
used by	element **ShipmentRateDetail/CurrencyExchangeRate**
annotation	documentation Currency exchange rate information.
source	<xs:complexType name="CurrencyExchangeRate"> <xs:annotation> <xs:documentation>Currency exchange rate information.</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/ship/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/ship/v9
children	**ns:Format ns:LabelPrintingOrientation ns:LabelRotation ns:SpecificationId ns:CustomDocumentIdentifier ns:DocTabContent**
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:element name="CustomDocumentIdentifier" type="xs:string" minOccurs="0">
        <xs:annotation>
         <xs:documentation>Identifies the individual document specified by the
client.</xs:documentation>
        </xs:annotation>
       </xs:element>
       <xs:element name="DocTabContent" type="ns:DocTabContent" minOccurs="0">
        <xs:annotation>
         <xs:documentation>If provided, thermal documents will include specified doc tab content. If
omitted, document will be produced without doc tab content.</xs:documentation>
        </xs:annotation>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
```

complexType **CustomerImageUsage**

diagram	
namespace	http://fedex.com/ws/ship/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/ship/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:annotation>
      <xs:documentation>The reference type to be associated with this reference
data.</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="Value" type="xs:string"/>
   </xs:sequence>
</xs:complexType>
```

complexType **CustomerSpecifiedLabelDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:DocTabContent ns:CustomContent ns:ConfigurableReferenceEntries ns:MaskedData ns:ScncOverride 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>`

```xml
          </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="ScncOverride" type="xs:nonNegativeInteger" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Customer-provided SCNC for use with label-data-only processing of
FedEx Ground shipments.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="TermsAndConditionsLocalization" type="ns:Localization" minOccurs="0"/>
        <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/ship/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"/>`
	  `<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"/>`
	 `</xs:sequence>`
	`</xs:complexType>`

complexType **CustomLabelBoxEntry**

diagram	
namespace	http://fedex.com/ws/ship/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/ship/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/ship/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/ship/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"> <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"> <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/ship/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	

```xml
<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"/>
  <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/ship/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: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: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:element name="DocumentContent" type="ns:InternationalDocumentContentType"
minOccurs="0"/>
    <xs:element name="CustomsValue" type="ns:Money" minOccurs="0"/>
    <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:element name="Commodities" type="ns:Commodity" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element name="ExportDetail" type="ns:ExportDetail" minOccurs="0"/>
    <xs:element name="RegulatoryControls" type="ns:RegulatoryControlType" minOccurs="0"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

complexType **DangerousGoodsDetail**
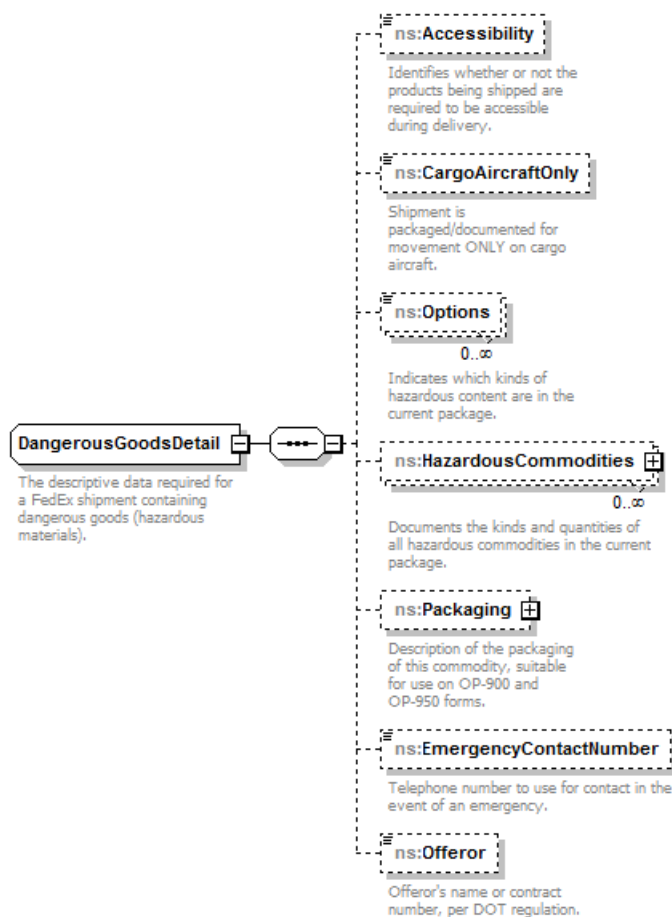
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Accessibility ns:CargoAircraftOnly ns:Options ns:HazardousCommodities ns:Packaging ns:EmergencyContactNumber ns:Offeror**

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:element name="Offeror" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Offeror's name or contract number, per DOT regulation.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> ```

complexType **DateRange**

diagram	
namespace	http://fedex.com/ws/ship/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" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>The beginning date in a date range.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Ends" type="xs:date" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>The end date in a date range.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **DeleteShipmentRequest**

diagram	

namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:ShipTimestamp ns:TrackingId ns:DeletionControl**
used by	element **DeleteShipmentRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to delete a package.

source	`<xs:complexType name="DeleteShipmentRequest">`
	`<xs:annotation>`
	`<xs:documentation>`Descriptive data sent to FedEx by a customer in order to delete a package.`</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="ShipTimestamp" type="xs:dateTime" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`The timestamp of the shipment request.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="TrackingId" type="ns:TrackingId" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the FedEx tracking number of the package being cancelled.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="DeletionControl" type="ns:DeletionControlType">`
	`<xs:annotation>`
	`<xs:documentation>`Determines the type of deletion to be performed in relation to package level vs shipment level.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **DeleteTagRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:DispatchLocationId ns:DispatchDate ns:Payment ns:ConfirmationNumber**
used by	element **DeleteTagRequest**
source	<xs:complexType name="DeleteTagRequest"> <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="DispatchLocationId" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Only used for tags which had FedEx Express
services.</xs:documentation>
       </xs:annotation>
      </xs:element>
      <xs:element name="DispatchDate" type="xs:date" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Only used for tags which had FedEx Express
services.</xs:documentation>
       </xs:annotation>
      </xs:element>
      <xs:element name="Payment" type="ns:Payment">
       <xs:annotation>
        <xs:documentation>If the original ProcessTagRequest specified third-party payment, then the
delete request must contain the same pay type and payor account number for security
purposes.</xs:documentation>
       </xs:annotation>
      </xs:element>
      <xs:element name="ConfirmationNumber" type="xs:string">
       <xs:annotation>
        <xs:documentation>Also known as Pickup Confirmation Number or Dispatch
Number</xs:documentation>
       </xs:annotation>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
```

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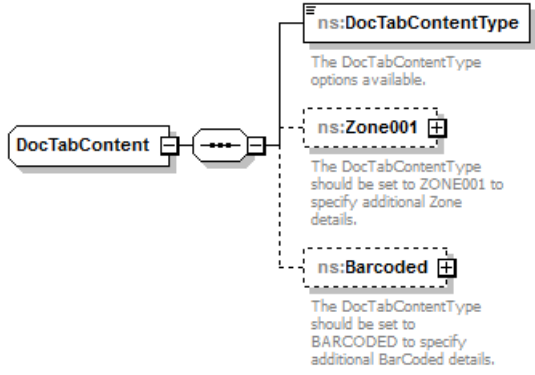
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:StatementTypes ns:DestinationCountries ns:EndUser**
used by	element **ExportDetail/DestinationControlDetail**
annotation	documentation Data required to complete the Destionation Control Statement for US exports.

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"
maxOccurs="unbounded">
         <xs:annotation>
          <xs:documentation>List of applicable Statment types.</xs:documentation>
         </xs:annotation>
       </xs:element>
       <xs:element name="DestinationCountries" type="xs:string" minOccurs="0">
         <xs:annotation>
          <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>
```
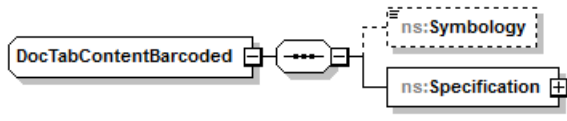
complexType **Dimensions**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Length ns:Width ns:Height ns:Units**
used by	elements **FreightShipmentLineItem/Dimensions RequestedPackageLineItem/Dimensions FreightShipmentDetail/ShipmentDimensions RequestedShipment/TotalDimensions**
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" type="xs:nonNegativeInteger"/>`
	`<xs:element name="Width" type="xs:nonNegativeInteger"/>`
	`<xs:element name="Height" type="xs:nonNegativeInteger"/>`
	`<xs:element name="Units" type="ns:LinearUnits"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **DocTabContent**
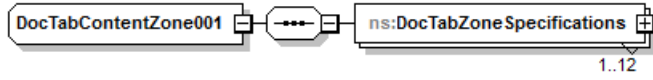
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:DocTabContentType ns:Zone001 ns:Barcoded**
used by	elements **CustomDocumentDetail/DocTabContent CustomerSpecifiedLabelDetail/DocTabContent FreightAddressLabelDetail/DocTabContent**

source	`<xs:complexType name="DocTabContent">`
	`<xs:sequence>`
	`<xs:element name="DocTabContentType" type="ns:DocTabContentType">`
	`<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/ship/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"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **DocTabContentZone001**

diagram	
namespace	http://fedex.com/ws/ship/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/ship/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">`
	`<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/ship/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/ship/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/ship/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/ship/v9
children	**ns:NotificationEMailAddress ns:NotificationMessage**
used by	element **PendingShipmentDetail/EmailLabelDetail**
annotation	documentation Describes specific information about the email label shipment.

source	`<xs:complexType name="EMailLabelDetail">`
	`<xs:annotation>`
	`<xs:documentation>Describes specific information about the email label shipment.</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="NotificationEMailAddress" type="xs:string">`
	`<xs:annotation>`
	`<xs:documentation>Notification email will be sent to this email address</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="NotificationMessage" type="xs:string" minOccurs="0">`
	`<xs:annotation>`

```
            <xs:documentation>Message to be sent in the notification email</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
```

complexType **EMailNotificationDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:AggregationType 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="AggregationType" type="ns:EMailNotificationAggregationType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Specifies whether/how email notifications are grouped.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<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:annotation>`
	`</xs:element>`
	`<xs:element name="Recipients" type="ns:EMailNotificationRecipient" 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/ship/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: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">
        <xs:annotation>
          <xs:documentation>The format of the email notification.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Localization" type="ns:Localization">
        <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/ship/v9
children	**ns:RequestedDocumentCopies 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="DocumentReferences" type="ns:UploadDocumentReferenceDetail" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

complexType **ExportDetail**

diagram	
namespace	http://fedex.com/ws/ship/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>`General field for exporting-country-specific export data (e.g. B13A for CA, FTSR Exemption or AES Citation for US).`</xs:documentation>`
	`</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>
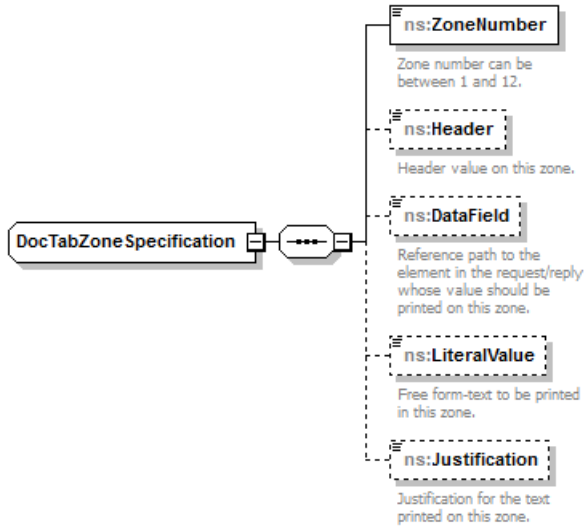> </xs:complexType>
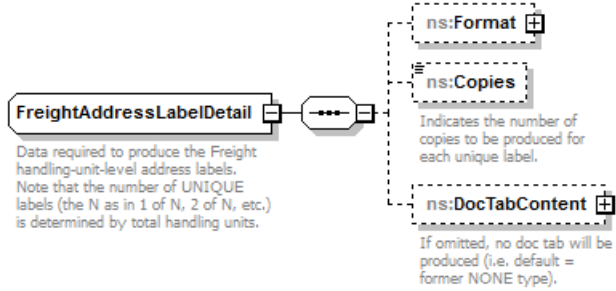
complexType **ExpressFreightDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:PackingListEnclosed ns:ShippersLoadAndCount ns:BookingConfirmationNumber**
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.
	      e.g. 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:sequence>
                  </xs:complexType>
```

complexType **FreightAddressLabelDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Format ns:Copies ns:DocTabContent**
used by	element **ShippingDocumentSpecification/FreightAddressLabelDetail**
annotation	documentation Data required to produce the Freight handling-unit-level address labels. Note that the number of UNIQUE labels (the N as in 1 of N, 2 of N, etc.) is determined by total handling units.

source	`<xs:complexType name="FreightAddressLabelDetail">`
	`<xs:annotation>`
	`<xs:documentation>`Data required to produce the Freight handling-unit-level address labels. Note that the number of UNIQUE labels (the N as in 1 of N, 2 of N, etc.) is determined by total handling units.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="Format" type="ns:ShippingDocumentFormat" minOccurs="0"/>`
	`<xs:element name="Copies" type="xs:nonNegativeInteger" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Indicates the number of copies to be produced for each unique label.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<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:sequence>`
	`</xs:complexType>`

complexType **FreightBaseCharge**

diagram	
namespace	http://fedex.com/ws/ship/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 **FreightRateDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:QuoteNumber ns:BaseCharges ns:Notations**
used by	element **ShipmentRateDetail/FreightRateDetail**
annotation	documentation Rate data specific to FedEx Freight or FedEx National Freight services.

source	`<xs:complexType name="FreightRateDetail">`
	`  <xs:annotation>`
	`    <xs:documentation>Rate data specific to FedEx Freight or FedEx National Freight`
	`services.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`    <xs:element name="QuoteNumber" type="xs:string" minOccurs="0">`
	`      <xs:annotation>`
	`        <xs:documentation>A unique identifier for a specific rate quotation.</xs:documentation>`
	`      </xs:annotation>`
	`    </xs:element>`
	`    <xs:element name="BaseCharges" type="ns:FreightBaseCharge" minOccurs="0"`
	`maxOccurs="unbounded">`

```
        <xs:annotation>
          <xs:documentation>Freight charges which accumulate to the total base charge for the
shipment.</xs:documentation>
        </xs:annotation>
        </xs:element>
        <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/ship/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 **FreightShipmentDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:FedExFreightAccountNumber ns:FedExFreightBillingContactAndAddress ns:PrintedReferences ns:Role ns:PaymentType ns:CollectTermsType ns:DeclaredValuePerUnit ns:DeclaredValueUnits ns:LiabilityCoverageDetail ns:Coupons ns:TotalHandlingUnits ns:ClientDiscountPercent ns:PalletWeight ns:ShipmentDimensions ns:Comment ns:SpecialServicePayments ns:HazardousMaterialsEmergencyContactNumber 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="PrintedReferences" type="ns:PrintedReference" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Identification values to be printed during creation of a Freight 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="CollectTermsType" type="ns:FreightCollectTermsType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Designates the terms of the "collect" payment for a Freight
Shipment.</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>
```

```xml
      <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="HazardousMaterialsEmergencyContactNumber" type="xs:string"
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Must be populated if any line items contain hazardous
materials.</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	

ns:FreightClass

Freight class for this line item.

ns:ClassProvidedByCustomer

FEDEX INTERNAL USE ONLY: for FedEx system that estimate freight class from customer-provided dimensions and weight.

ns:HandlingUnits

Number of individual handling units to which this line applies. (NOTE: Total of line-item-level handling units may not balance to shipment-level total handling units.)

ns:Packaging

Specification of handling-unit packaging for this commodity or class line.

ns:Pieces

Number of pieces for this commodity or class line.

ns:NmfcCode

NMFC Code for commodity.

ns:HazardousMaterials

Indicates the kind of hazardous material content in this line item.

ns:BillOfLadingNumber

For printed reference per line item.

ns:PurchaseOrderNumber

For printed reference per line item.

ns:Description

Customer-provided description for this commodity or class line.

ns:Weight

Weight for this commodity or class line.

ns:Dimensions

FED EX INTERNAL USE ONLY - Individual line item dimensions.

ns:Volume

Volume (cubic measure) for this commodity or class line.

FreightShipmentLineItem

Description of an individual commodity or class of content in a shipment.

namespace	http://fedex.com/ws/ship/v9
children	**ns:FreightClass ns:ClassProvidedByCustomer ns:HandlingUnits ns:Packaging ns:Pieces ns:NmfcCode ns:HazardousMaterials ns:BillOfLadingNumber ns:PurchaseOrderNumber 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="ClassProvidedByCustomer" type="xs:boolean" minOccurs="0">
        <xs:annotation>
          <xs:documentation>FEDEX INTERNAL USE ONLY: for FedEx system that estimate freight
class from customer-provided dimensions and weight.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="HandlingUnits" type="xs:nonNegativeInteger" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of individual handling units to which this line applies. (NOTE:
Total of line-item-level handling units may not balance to shipment-level total handling
units.)</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="Pieces" type="xs:nonNegativeInteger" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of pieces for this commodity or class line.</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="HazardousMaterials" type="ns:HazardousCommodityOptionType"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Indicates the kind of hazardous material content in this line
item.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="BillOfLadingNumber" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>For printed reference per line item.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="PurchaseOrderNumber" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>For printed reference per line item.</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/ship/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/ship/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"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **HazardousCommodityContent**

diagram	
namespace	http://fedex.com/ws/ship/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/ship/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	

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namespace	http://fedex.com/ws/ship/v9
children	**ns:LabelTextOption ns:CustomerSuppliedLabelText**
used by	elements **HazardousCommodityContent/Options ValidatedHazardousCommodityContent/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/ship/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/ship/v9
children	**ns:Amount ns:Units**
used by	elements **HazardousCommodityContent/Quantity ValidatedHazardousCommodityContent/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/ship/v9
children	**ns:PhoneNumber ns:LocationContactAndAddress ns:LocationType**
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">`
	`<xs:annotation>`
	`<xs:documentation>`Contact phone number for recipient of shipment.`</xs:documentation>`
	`</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:sequence>`
	`</xs:complexType>`

complexType **HomeDeliveryPremiumDetail**

diagram	
namespace	http://fedex.com/ws/ship/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:annotation>`
	`<xs:documentation>`The type of Home Delivery Premium service being requested.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Date" type="xs:date" minOccurs="0">`
	`<xs:annotation>`

	<xs:documentation>Required for Date Certain Home Delivery.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PhoneNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Required for Date Certain and Appointment Home Delivery.</xs:documentation> <xs:appinfo> <xs:MaxLength>15</xs:MaxLength> </xs:appinfo> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **LabelSpecification**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Dispositions ns:LabelFormatType ns:ImageType ns:LabelStockType ns:LabelPrintingOrientation 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="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="LabelFormatType" type="ns:LabelFormatType">
      <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>Specifies the image format used for a shipping
document.</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="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/ship/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/ship/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/ship/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">`
		`<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/ship/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/ship/v9
children	**ns:Currency ns:Amount**
used by	elements **Tax/Amount Surcharge/Amount EdtTaxDetail/Amount Rebate/Amount RateDiscount/Amount PackageRateDetail/BaseCharge FreightBaseCharge/ChargeRate CodDetail/CodCollectionAmount CodReturnPackageDetail/CollectionAmount CodReturnShipmentDetail/CollectionAmount LiabilityCoverageDetail/CoverageAmount Commodity/CustomsValue CustomsClearanceDetail/CustomsValue FreightShipmentDetail/DeclaredValuePerUnit PackageRating/EffectiveNetDiscount ShipmentRating/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 PackageRateDetail/TotalRebates ShipmentRateDetail/TotalRebates PackageRateDetail/TotalSurcharges ShipmentRateDetail/TotalSurcharges PackageRateDetail/TotalTaxes ShipmentRateDetail/TotalTaxes Commodity/UnitPrice VariableHandlingCharges/VariableHandlingCharge
annotation	documentation The descriptive data for the medium of exchange for FedEx services.

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

complexType **NaftaCertificateOfOriginDetail**

diagram	
namespace	http://fedex.com/ws/ship/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. Remaining content (business data) to be defined once requirements have been completed.	

source	`<xs:complexType name="NaftaCertificateOfOriginDetail">`
	  `<xs:annotation>`
	    `<xs:documentation>`Data required to produce a Certificate of Origin 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: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/ship/v9
children	**ns:PreferenceCriterion ns:ProducerDetermination ns:ProducerId ns:NetCostMethod ns:NetCostDateRange**
used by	element **Commodity/NaftaDetail**
annotation	documentation This element is currently not supported and is for the future use.
source	`<xs:complexType name="NaftaCommodityDetail">` `<xs:annotation>`

```
        <xs:documentation>This element is currently not supported and is for the future
use.</xs:documentation>
      </xs:annotation>
      <xs:sequence>
       <xs:element name="PreferenceCriterion" type="ns:NaftaPreferenceCriterionCode"
minOccurs="0">
        <xs:annotation>
         <xs:documentation>Defined by NAFTA regulations.</xs:documentation>
        </xs:annotation>
       </xs:element>
       <xs:element name="ProducerDetermination" type="ns:NaftaProducerDeterminationCode"
minOccurs="0">
        <xs:annotation>
         <xs:documentation>Defined by NAFTA regulations.</xs:documentation>
        </xs:annotation>
       </xs:element>
       <xs:element name="ProducerId" type="xs:string" minOccurs="0">
        <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/ship/v9
children	**ns:Id ns:Producer**
used by	element **NaftaCertificateOfOriginDetail/Producers**
annotation	documentation This element is currently not supported and is for the future use.

source	`<xs:complexType name="NaftaProducer">`
	`<xs:annotation>`
	`<xs:documentation>This element is currently not supported and is for the future`
	`use.</xs:documentation>`
	`</xs:annotation>`
	`<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/ship/v9
children	**ns:Severity ns:Source ns:Code ns:Message ns:LocalizedMessage ns:MessageParameters**
used by	elements **CancelPendingShipmentReply/Notifications CreatePendingShipmentReply/Notifications ProcessShipmentReply/Notifications ProcessTagReply/Notifications ShipmentReply/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"> <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">
     <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: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: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/ship/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/ship/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 **PackageBarcodes**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:BinaryBarcodes ns:StringBarcodes**
used by	elements **CodReturnPackageDetail/Barcodes CodReturnShipmentDetail/Barcodes CompletedPackageDetail/Barcodes**
annotation	documentation Each instance of this data type represents the set of barcodes (of all types) which are associated with a specific package.

source	`<xs:complexType name="PackageBarcodes">`
	`<xs:annotation>`
	`<xs:documentation>`Each instance of this data type represents the set of barcodes (of all types) which are associated with a specific package.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="BinaryBarcodes" type="ns:BinaryBarcode" minOccurs="0" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation>`Binary-style barcodes for this package.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="StringBarcodes" type="ns:StringBarcode" minOccurs="0" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation>`String-style barcodes for this package.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **PackageRateDetail**

diagram	
namespace	http://fedex.com/ws/ship/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 **PackageRating/PackageRateDetails**
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 **PackageRating**

diagram	

namespace	http://fedex.com/ws/ship/v9
children	**ns:ActualRateType ns:EffectiveNetDiscount ns:PackageRateDetails**
used by	element **CompletedPackageDetail/PackageRating**
annotation	documentation This class groups together for a single package all package-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.

source	`<xs:complexType name="PackageRating">`
	`<xs:annotation>`
	`<xs:documentation>`This class groups together for a single package all package-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="ActualRateType" type="ns:ReturnedRateType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the package.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`The "list" net charge minus "actual" net charge.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="PackageRateDetails" type="ns:PackageRateDetail" minOccurs="0" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation>`Each element of this field provides package-level rate data for a specific rate type.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **PackageSpecialServicesRequested**

diagram	
namespace	http://fedex.com/ws/ship/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>The descriptive data required for FedEx Priority Alert service. This
element is required when SpecialServiceType.PRIORITY_ALERT is present in the
SpecialServiceTypes collection.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **Party**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:AccountNumber ns:Tins ns:Contact ns:Address**
used by	elements **CustomsClearanceDetail/Broker CodDetail/CodRecipient CodReturnShipmentDetail/CodRecipient CustomsClearanceDetail/ImporterOfRecord NaftaProducer/Producer RequestedShipment/Recipient CodReturnShipmentDetail/Remitter 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:element name="Contact" type="ns:Contact">
        <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/ship/v9
children	**ns:PaymentType ns:Payor**
used by	elements **CustomsClearanceDetail/DutiesPayment DeleteTagRequest/Payment 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">`
	`<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/ship/v9
children	**ns:AccountNumber ns:CountryCode**
used by	element **Payment/Payor**
annotation	documentation The descriptive data identifying the party responsible for payment for a service.

source	<xs:complexType name="Payor">
	 <xs:annotation>
	  <xs:documentation>The descriptive data identifying the party responsible for payment for a
	service.</xs:documentation>
	 </xs:annotation>
	 <xs:sequence>
	  <xs:element name="AccountNumber" type="xs:string">
	   <xs:annotation>
	    <xs:documentation>Identifies the FedEx account number assigned to the
	payor.</xs:documentation>
	    <xs:appinfo>
	     <xs:MaxLength>12</xs:MaxLength>
	    </xs:appinfo>
	   </xs:annotation>
	  </xs:element>
	  <xs:element name="CountryCode" type="xs:string" minOccurs="0">
	   <xs:annotation>
	    <xs:documentation>Identifies the country of the payor.</xs:documentation>
	    <xs:appinfo>
	     <xs:MaxLength>2</xs:MaxLength>
	    </xs:appinfo>
	   </xs:annotation>
	  </xs:element>
	 </xs:sequence>
	</xs:complexType>

complexType **PendingShipmentAccessDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:EmailLabelUrl ns:UserId ns:Password ns:ExpirationTimestamp**
used by	element **CompletedShipmentDetail/AccessDetail**
annotation	documentation This information describes how and when a pending shipment may be accessed for completion.

source	`<xs:complexType name="PendingShipmentAccessDetail">`
	`<xs:annotation>`
	`<xs:documentation>`This information describes how and when a pending shipment may be accessed for completion.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="EmailLabelUrl" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Only for pending shipment type of "EMAIL"`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="UserId" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Only for pending shipment type of "EMAIL"`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Password" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Only for pending shipment type of "EMAIL"`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="ExpirationTimestamp" type="xs:dateTime" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`This element is currently not supported and is for the future use.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **PendingShipmentDetail**

diagram	
namespace	http://fedex.com/ws/ship/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:annotation>`
	  `<xs:documentation>`Identifies the type of FedEx pending shipment`</xs:documentation>`
	 `</xs:annotation>`
	`</xs:element>`
	`<xs:element name="ExpirationDate" type="xs:date" 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/ship/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:annotation>`
		`<xs:documentation>`Identifies the type of Pickup request`</xs:documentation>`
		`</xs:annotation>`
		`</xs:element>`
		`<xs:element name="RequestSource" type="ns:PickupRequestSourceType" minOccurs="0">`
		`<xs:annotation>`
		`<xs:documentation>`Identifies the type of source for Pickup request`</xs:documentation>`
		`</xs:annotation>`
		`</xs:element>`
		`</xs:sequence>`
		`</xs:complexType>`

complexType **PrintedReference**

diagram	 Represents a reference identifier printed on Freight bills of lading
namespace	http://fedex.com/ws/ship/v9
children	**ns:Type ns:Value**
used by	element **FreightShipmentDetail/PrintedReferences**
annotation	documentation Represents a reference identifier printed on Freight bills of lading

source	`<xs:complexType name="PrintedReference">`
	`<xs:annotation>`
	`<xs:documentation>`Represents a reference identifier printed on Freight bills of lading`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="Type" type="ns:PrintedReferenceType" minOccurs="0"/>`
	`<xs:element name="Value" type="xs:string" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **PriorityAlertDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Content**

used by	element	**PackageSpecialServicesRequested/PriorityAlertDetail**
source	<xs:complexType name="PriorityAlertDetail"> <xs:sequence> <xs:element name="Content" type="xs:string" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>	

complexType **ProcessShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:CompletedShipmentDetail ns:ErrorLabels**
used by	element **ProcessShipmentReply**
source	<xs:complexType name="ProcessShipmentReply"> <xs:sequence> <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"> <xs:annotation> <xs:documentation>This indicates the highest level of severity of all the notifications returned in this reply</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Notifications" type="ns:Notification" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>The descriptive data regarding the results of the submitted transaction.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"> <xs:annotation>

```
        <xs:documentation>Descriptive data for this customer transaction. The TransactionDetail from
the request is echoed back to the caller in the corresponding reply.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Version" type="ns:VersionId">
      <xs:annotation>
        <xs:documentation>Identifies the version/level of a service operation expected by a caller (in
each request) and performed by the callee (in each reply).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CompletedShipmentDetail" type="ns:CompletedShipmentDetail"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>The reply payload. All of the returned information about this
shipment/package.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ErrorLabels" type="ns:ShippingDocument" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Empty unless error label behavior is PACKAGE_ERROR_LABELS and
one or more errors occured during transaction processing.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

complexType **ProcessShipmentRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment**
used by	element **ProcessShipmentRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to ship a package.
source	`<xs:complexType name="ProcessShipmentRequest">` `  <xs:annotation>`

<xs:documentation>Descriptive data sent to FedEx by a customer in order to ship a package.</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="RequestedShipment" type="ns:RequestedShipment">
   <xs:annotation>
   <xs:documentation>Descriptive data about the shipment being sent by the requestor.</xs:documentation>
   </xs:annotation>
  </xs:element>
  </xs:sequence>
</xs:complexType>

complexType **ProcessTagReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:CompletedShipmentDetail**
used by	element **ProcessTagReply**

source	<xs:complexType name="ProcessTagReply">
	 <xs:sequence>
	  <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"/>
	  <xs:element name="Notifications" type="ns:Notification" maxOccurs="unbounded"/>
	  <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"/>
	  <xs:element name="Version" type="ns:VersionId"/>

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

complexType **ProcessTagRequest**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment**
used by	element **ProcessTagRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to ship a package.

source	`<xs:complexType name="ProcessTagRequest">`
	` <xs:annotation>`
	`  <xs:documentation>Descriptive data sent to FedEx by a customer in order to ship a`
	`package.</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="RequestedShipment" type="ns:RequestedShipment">`
	`  <xs:annotation>`
	`   <xs:documentation>`Descriptive data about the shipment being sent by the requestor.`</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **RateDiscount**

diagram	
namespace	http://fedex.com/ws/ship/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 **Rebate**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:RebateType ns:Description ns:Amount ns:Percent**
used by	elements **PackageRateDetail/Rebates ShipmentRateDetail/Rebates**

source	`<xs:complexType name="Rebate">`
	`<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:element name="Percent" type="xs:decimal" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **RecipientCustomsId**

diagram	
namespace	http://fedex.com/ws/ship/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	

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

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

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

ns:VariableHandlingChargeDetail

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

RequestedPackageLineItem
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.

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

ns:Dimensions

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

ns:ItemDescription
Human-readable text describing the package.

ns:CustomerReferences
0..3

ns:SpecialServicesRequested

ns:ContentRecords
0..∞
Only used for INDIVIDUAL_PACKAGES and PACKAGE_GROUPS.

namespace	http://fedex.com/ws/ship/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/ship/v9
children	**ns:ShipTimestamp ns:DropoffType ns:ServiceType ns:PackagingType ns:TotalWeight ns:TotalInsuredValue ns:TotalDimensions 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:ErrorLabelBehavior ns:LabelSpecification ns:ShippingDocumentSpecification ns:RateRequestTypes ns:CustomerSelectedActualRateType ns:EdtRequestType ns:MasterTrackingId ns:CodReturnTrackingId ns:PackageCount ns:PackageDetail ns:RequestedPackageLineItems**
used by	elements **CreatePendingShipmentRequest/RequestedShipment ProcessShipmentRequest/RequestedShipment ProcessTagRequest/RequestedShipment ValidateShipmentRequest/RequestedShipment**
annotation	documentation The descriptive data for the shipment being tendered to FedEx.

source	```xml
	<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">
	<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">
	<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">
	<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">
	<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="TotalDimensions" type="ns:Dimensions" minOccurs="0"/>
	<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="ErrorLabelBehavior" type="ns:ErrorLabelBehaviorType" minOccurs="0">
  <xs:annotation>
   <xs:documentation>Specifies the client-requested response in the event of errors within
shipment.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LabelSpecification" type="ns:LabelSpecification">
  <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>Contains data used to create additional (non-label) shipping
documents.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RateRequestTypes" type="ns:RateRequestType"
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="CustomerSelectedActualRateType" type="ns:ReturnedRateType"
minOccurs="0">
  <xs:annotation>
   <xs:documentation>Specifies the type of rate the customer wishes to have used as the actual
rate type.</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="MasterTrackingId" type="ns:TrackingId" minOccurs="0">
  <xs:annotation>
   <xs:documentation>Only used with multiple-transaction shipments.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CodReturnTrackingId" type="ns:TrackingId" minOccurs="0">
  <xs:annotation>
   <xs:documentation>Only used with multi-piece COD shipments sent in multiple transactions.
Required on last transaction only.</xs:documentation>
```

```
            </xs:annotation>
          </xs:element>
          <xs:element name="PackageCount" type="xs:nonNegativeInteger">
            <xs:annotation>
              <xs:documentation>The total number of packages in the entire shipment (even when the
shipment spans multiple transactions.)</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/ship/v9
children	**ns:MerchantPhoneNumber ns:AllowedSpecialServices**
used by	element **ReturnShipmentDetail/ReturnEMailDetail**
annotation	documentation Return Email Details

source	```<xs:complexType name="ReturnEMailDetail">```
	 ```<xs:annotation>```
	 ```<xs:documentation>Return Email Details</xs:documentation>```
	 ```</xs:annotation>```
	 ```<xs:sequence>```
	 ```<xs:element name="MerchantPhoneNumber" type="xs:string" minOccurs="0">```
	 ```<xs:annotation>```
	 ```<xs:documentation>Phone number of the merchant</xs:documentation>```
	 ```</xs:annotation>```
	 ```</xs:element>```
	 ```<xs:element name="AllowedSpecialServices" type="ns:ReturnEMailAllowedSpecialServiceType"```
	 ```minOccurs="0" maxOccurs="unbounded">```
	 ```<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/ship/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.</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>Describes specific information about the email label for return shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **Rma**

diagram	
namespace	http://fedex.com/ws/ship/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>The RMA 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 **RoutingAstraDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:TrackingId ns:Barcode ns:AstraHandlingText ns:AstraLabelElements**
used by	element **RoutingDetail/AstraDetails**
annotation	documentation The tracking number information and the data to form the Astra barcode for the label.

source	`<xs:complexType name="RoutingAstraDetail">`
	`<xs:annotation>`
	`<xs:documentation>The tracking number information and the data to form the Astra barcode for the label.</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="TrackingId" type="ns:TrackingId" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>The tracking number information for the shipment.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

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```
<xs:element name="Barcode" type="ns:StringBarcode" minOccurs="0"/>
<xs:element name="AstraHandlingText" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The textual description of the special service applied to the
package.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AstraLabelElements" type="ns:AstraLabelElement" minOccurs="0"
maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
```

complexType **RoutingDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:ShipmentRoutingDetail ns:AstraDetails**
used by	element **CodReturnShipmentDetail/CodRoutingDetail**
annotation	documentation Information about the routing, origin, destination and delivery of a shipment.

source	`<xs:complexType name="RoutingDetail">`
	`<xs:annotation>`
	`<xs:documentation>`Information about the routing, origin, destination and delivery of a shipment.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="ShipmentRoutingDetail" type="ns:ShipmentRoutingDetail" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`The routing information detail for this shipment.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="AstraDetails" type="ns:RoutingAstraDetail" minOccurs="0" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation>`The tracking number information and the data to form the Astra barcode for the label.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **ShipmentDryIceDetail**

diagram	

namespace	http://fedex.com/ws/ship/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">`
	`<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">`
	`<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

ns:RateType
Type used for this specific set of rate data.

ns:RateScale
Indicates the rate scale used.

ns:RateZone
Indicates the rate zone used (based on origin and destination).

ns:PricingCode
Identifies the type of pricing used for this shipment.

ns:RatedWeightMethod
Indicates which weight was used.

ns:MinimumChargeType
INTERNAL FEDEX USE ONLY.

ns:CurrencyExchangeRate
Specifies the currency exchange performed on financial amounts for this rate.

ns:SpecialRatingApplied
0..∞
Indicates which special rating cases applied to this shipment.

ns:DimDivisor
The value used to calculate the weight based on the dimensions.

ns:DimDivisorType
Identifies the type of dim divisor that was applied.

ns:FuelSurchargePercent
Specifies a fuel surcharge percentage.

ns:TotalBillingWeight
The weight used to calculate these rates.

ns:TotalDimWeight
Sum of dimensional weights for all packages.

ns:TotalBaseCharge
The total freight charge that was calculated for this package before surcharges, discounts and taxes.

ns:TotalFreightDiscounts
The total discounts used in the rate calculation.

ns:TotalNetFreight
The freight charge minus discounts.

ShipmentRateDetail
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.

ns:TotalSurcharges
The total amount of all surcharges applied to this shipment.

ns:TotalNetFedExCharge
This shipment's totalNetFreight + totalSurcharges (not including totalTaxes).

ns:TotalTaxes
Total of the transportation-based taxes.

ns:TotalNetCharge
The net charge after applying all discounts and surcharges.

ns:TotalRebates
The total sum of all rebates applied to this shipment.

ns:TotalDutiesAndTaxes
Total of all values under this shipment's dutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment.

ns:TotalNetChargeWithDutiesA...
This shipment's totalNetCharge + totalDutiesAndTaxes; only provided if estimated duties and taxes were calculated for this shipment AND duties, taxes and transportation charges are all paid by the same sender's account.

ns:FreightRateDetail
Rate data specific to FedEx Freight and FedEx National

namespace	http://fedex.com/ws/ship/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 **ShipmentRating/ShipmentRateDetails**
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: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:annotation>`
	`</xs:element>`
	`<xs:element name="PricingCode" type="ns:PricingCodeType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies 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>`

```xml
          </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:annotation>
            <xs:documentation>Specifies a fuel surcharge percentage.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="TotalBillingWeight" type="ns:Weight" minOccurs="0">
          <xs:annotation>
            <xs:documentation>The weight used to calculate these rates.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="TotalDimWeight" type="ns:Weight" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Sum of dimensional weights for all packages.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="TotalBaseCharge" type="ns:Money" minOccurs="0">
          <xs:annotation>
            <xs:documentation>The total freight charge that was calculated for this package before
surcharges, discounts and taxes.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="TotalFreightDiscounts" type="ns:Money" minOccurs="0">
          <xs:annotation>
            <xs:documentation>The total discounts used in the rate calculation.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="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>
```

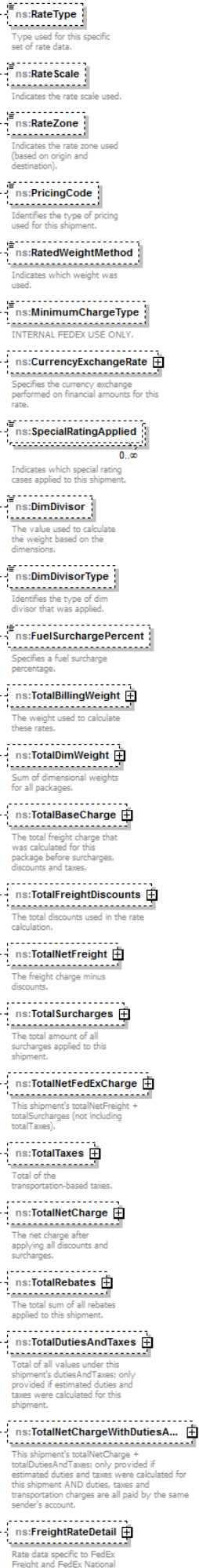|	
	<xs:documentation>The "order level" variable handling charges.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TotalVariableHandlingCharges" type="ns:VariableHandlingCharges" minOccurs="0"> <xs:annotation> <xs:documentation>The total of all variable handling charges at both shipment (order) and package level.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **ShipmentRating**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:ActualRateType ns:EffectiveNetDiscount ns:ShipmentRateDetails**
used by	element **CompletedShipmentDetail/ShipmentRating**
annotation	documentation This class groups together all shipment-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.
source	<xs:complexType name="ShipmentRating"> <xs:annotation> <xs:documentation>This class groups together all shipment-level rate data (across all rate types) as part of the response to a shipping request, which groups shipment-level data together and groups package-level data by package.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ActualRateType" type="ns:ReturnedRateType" minOccurs="0"> <xs:annotation> <xs:documentation>This rate type identifies which entry in the following array is considered as presenting the "actual" rates for the shipment.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EffectiveNetDiscount" type="ns:Money" minOccurs="0"> <xs:annotation> <xs:documentation>The "list" total net charge minus "actual" total net charge.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShipmentRateDetails" type="ns:ShipmentRateDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Each element of this field provides shipment-level rate totals for a specific rate type.</xs:documentation> </xs:annotation>

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

complexType **ShipmentReply**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version**
used by	element **ShipmentReply**

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

complexType **ShipmentRoutingDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	ns:UrsaPrefixCode ns:UrsaSuffixCode ns:OriginLocationId ns:OriginServiceArea ns:DestinationLocationId ns:DestinationServiceArea ns:DestinationLocationStateOrProvinceCode ns:DeliveryDate ns:DeliveryDay ns:CommitDate ns:CommitDay ns:TransitTime ns:MaximumTransitTime ns:AstraPlannedServiceLevel ns:AstraDescription ns:PostalCode ns:StateOrProvinceCode ns:CountryCode ns:AirportId
used by	elements **CompletedShipmentDetail/RoutingDetail RoutingDetail/ShipmentRoutingDetail**
annotation	documentation Information about the routing, origin, destination and delivery of a shipment.

source	`<xs:complexType name="ShipmentRoutingDetail">`
	`<xs:annotation>`
	`<xs:documentation>`Information about the routing, origin, destination and delivery of a shipment.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`

```xml
<xs:element name="UrsaPrefixCode" type="xs:string" minOccurs="0">
 <xs:annotation>
 <xs:documentation>The prefix portion of the URSA (Universal Routing and Sort Aid)
code.</xs:documentation>
  <xs:appinfo>
   <xs:MaxLength>2</xs:MaxLength>
  </xs:appinfo>
 </xs:annotation>
</xs:element>
<xs:element name="UrsaSuffixCode" type="xs:string" minOccurs="0">
 <xs:annotation>
 <xs:documentation>The suffix portion of the URSA code.</xs:documentation>
  <xs:appinfo>
   <xs:MaxLength>5</xs:MaxLength>
  </xs:appinfo>
 </xs:annotation>
</xs:element>
<xs:element name="OriginLocationId" type="xs:string" minOccurs="0">
 <xs:annotation>
 <xs:documentation>The identifier of the origin location of the shipment. Express
only.</xs:documentation>
  <xs:appinfo>
   <xs:MaxLength>5</xs:MaxLength>
  </xs:appinfo>
 </xs:annotation>
</xs:element>
<xs:element name="OriginServiceArea" type="xs:string" minOccurs="0"/>
<xs:element name="DestinationLocationId" type="xs:string" minOccurs="0">
 <xs:annotation>
 <xs:documentation>The identifier of the destination location of the shipment. Express
only.</xs:documentation>
  <xs:appinfo>
   <xs:MaxLength>5</xs:MaxLength>
  </xs:appinfo>
 </xs:annotation>
</xs:element>
<xs:element name="DestinationServiceArea" type="xs:string" minOccurs="0"/>
<xs:element name="DestinationLocationStateOrProvinceCode" type="xs:string" minOccurs="0">
 <xs:annotation>
 <xs:documentation>This is the state of the destination location ID, and is not necessarily the
same as the postal state.</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="DeliveryDate" type="xs:date" minOccurs="0">
 <xs:annotation>
 <xs:documentation>Expected/estimated date of delivery.</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="DeliveryDay" type="ns:DayOfWeekType" minOccurs="0">
 <xs:annotation>
 <xs:documentation>Expected/estimated day of week of delivery.</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="CommitDate" type="xs:date" minOccurs="0">
 <xs:annotation>
 <xs:documentation>Committed date of delivery.</xs:documentation>
 </xs:annotation>
</xs:element>
<xs:element name="CommitDay" type="ns:DayOfWeekType" minOccurs="0">
 <xs:annotation>
 <xs:documentation>Committed day of week of delivery.</xs:documentation>
 </xs:annotation>
```

```xml
      </xs:element>
      <xs:element name="TransitTime" type="ns:TransitTimeType" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Standard transit time per origin, destination, and
service.</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="AstraPlannedServiceLevel" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Text describing planned delivery.</xs:documentation>
       </xs:annotation>
      </xs:element>
      <xs:element name="AstraDescription" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Currently not supported.</xs:documentation>
        <xs:appinfo>
         <xs:MaxLength>TBD</xs:MaxLength>
        </xs:appinfo>
       </xs:annotation>
      </xs:element>
      <xs:element name="PostalCode" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>The postal code of the destination of the shipment.</xs:documentation>
        <xs:appinfo>
         <xs:MaxLength>16</xs:MaxLength>
        </xs:appinfo>
       </xs:annotation>
      </xs:element>
      <xs:element name="StateOrProvinceCode" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>The state or province code of the destination of the
shipment.</xs:documentation>
        <xs:appinfo>
         <xs:MaxLength>14</xs:MaxLength>
        </xs:appinfo>
       </xs:annotation>
      </xs:element>
      <xs:element name="CountryCode" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>The country code of the destination of the shipment.</xs:documentation>
        <xs:appinfo>
         <xs:MaxLength>2</xs:MaxLength>
        </xs:appinfo>
       </xs:annotation>
      </xs:element>
      <xs:element name="AirportId" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>The identifier for the airport of the destination of the
shipment.</xs:documentation>
        <xs:appinfo>
         <xs:MaxLength>4</xs:MaxLength>
        </xs:appinfo>
       </xs:annotation>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
```

complexType **ShipmentSpecialServicesRequested**

diagram	 **ns:SpecialServiceTypes** 0..∞ The types of all special services requested for the enclosing shipment (or other shipment-level transaction). **ns:CodDetail** Descriptive data required for a FedEx COD (Collect-On-Delivery) shipment. This element is required when SpecialServiceType.COD is present in the SpecialServiceTypes collection. **ns:HoldAtLocationDetail** Descriptive data required for a FedEx shipment that is to be held at the destination FedEx location for pickup by the recipient. This element is required when SpecialServiceType.HOLD_AT_LOCATION is present in the SpecialServiceTypes collection. **ns:EMailNotificationDetail** Descriptive data required for FedEx to provide email notification to the customer regarding the shipment. This element is required when SpecialServiceType.EMAIL_NOTIFICATION is present in the SpecialServiceTypes collection. **ShipmentSpecialServicesReque...** 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. **ns:ReturnShipmentDetail** The descriptive data required for FedEx Printed Return Label. This element is required when SpecialServiceType.PRINTED_RETURN_LABEL is present in the SpecialServiceTypes collection **ns:PendingShipmentDetail** This field should be populated for pending shipments (e.g. e-mail label) It is required by a PENDING_SHIPMENT special service type. **ns:ShipmentDryIceDetail** Number of packages in this shipment which contain dry ice and the total weight of the dry ice for this shipment. **ns:HomeDeliveryPremiumDetail** The descriptive data required for FedEx Home Delivery options. This element is required when SpecialServiceType.HOME_DELIVERY_PREMIUM is present in the SpecialServiceTypes collection **ns:EtdDetail** Electronic Trade document references. **ns:CustomDeliveryWindowDetail** Specification for date or range of dates on which delivery is to be attempted.
namespace	http://fedex.com/ws/ship/v9
children	ns:SpecialServiceTypes ns:CodDetail ns:HoldAtLocationDetail ns:EMailNotificationDetail ns:ReturnShipmentDetail ns:PendingShipmentDetail ns:ShipmentDryIceDetail ns:HomeDeliveryPremiumDetail 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>Number of packages in this shipment which contain dry ice and the total weight of the dry ice for this shipment.</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="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 **ShippingDocument**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Type ns:Grouping ns:ShippingDocumentDisposition ns:AccessReference ns:Resolution ns:CopiesToPrint ns:Parts**
used by	elements **ProcessShipmentReply/ErrorLabels CodReturnPackageDetail/Label CodReturnShipmentDetail/Label CompletedPackageDetail/Label CompletedPackageDetail/PackageDocuments CompletedShipmentDetail/ShipmentDocuments**
annotation	documentation All package-level shipping documents (other than labels and barcodes).
source	<xs:complexType name="ShippingDocument"> <xs:annotation> <xs:documentation>All package-level shipping documents (other than labels and barcodes).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:ReturnedShippingDocumentType" minOccurs="0"> <xs:annotation> <xs:documentation>Shipping Document Type</xs:documentation> </xs:annotation>

```
            </xs:element>
            <xs:element name="Grouping" type="ns:ShippingDocumentGroupingType" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Specifies how this document image/file is organized.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ShippingDocumentDisposition"
type="ns:ShippingDocumentDispositionType" minOccurs="0"/>
            <xs:element name="AccessReference" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation>The name under which a STORED or DEFERRED document is
written.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="Resolution" type="xs:nonNegativeInteger" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Specifies the image resolution in DPI (dots per inch).</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CopiesToPrint" type="xs:nonNegativeInteger" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Can be zero for documents whose disposition implies that no content is
included.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="Parts" type="ns:ShippingDocumentPart" minOccurs="0"
maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>One or more document parts which make up a single logical document,
such as multiple pages of a single form.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
```

complexType **ShippingDocumentDispositionDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:DispositionType ns:Grouping ns:EMailDetail ns:PrintDetail**
used by	elements **LabelSpecification/Dispositions 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/ship/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/ship/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/ship/v9
children	**ns:Dispositions ns:TopOfPageOffset ns:ImageType ns:StockType ns:ProvideInstructions ns:Localization ns:CustomDocumentIdentifier**
used by	elements **CertificateOfOriginDetail/DocumentFormat CommercialInvoiceDetail/Format CustomDocumentDetail/Format FreightAddressLabelDetail/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:element name="CustomDocumentIdentifier" type="xs:string" minOccurs="0">
       <xs:annotation>
        <xs:documentation>Identifies the individual document specified by the client.</xs:documentation>
       </xs:annotation>
      </xs:element>
     </xs:sequence>
    </xs:complexType>

complexType **ShippingDocumentPart**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:DocumentPartSequenceNumber ns:Image**
used by	element **ShippingDocument/Parts**
annotation	documentation A single part of a shipping document, such as one page of a multiple-page document whose format requires a separate image per page.
source	<xs:complexType name="ShippingDocumentPart"> <xs:annotation> <xs:documentation>A single part of a shipping document, such as one page of a multiple-page document whose format requires a separate image per page.</xs:documentation> <xs:annotation> <xs:sequence> <xs:element name="DocumentPartSequenceNumber" type="xs:positiveInteger" minOccurs="0"> <xs:annotation> <xs:documentation>The one-origin position of this part within a document.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Image" type="xs:base64Binary" minOccurs="0"> <xs:annotation> <xs:documentation>Graphic or printer commands for this image within a document.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **ShippingDocumentPrintDetail**

diagram	Specifies printing options for a shipping document. Provides environment-specific printer identification.
namespace	http://fedex.com/ws/ship/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/ship/v9
children	**ns:ShippingDocumentTypes ns:CertificateOfOrigin ns:CommercialInvoiceDetail**

	ns:CustomPackageDocumentDetail ns:CustomShipmentDocumentDetail ns:GeneralAgencyAgreementDetail ns:NaftaCertificateOfOriginDetail ns:Op900Detail ns:FreightAddressLabelDetail
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" 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" maxOccurs="unbounded">`
	`<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" maxOccurs="unbounded">`
	`<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>`This element is currently not supported and is for the future use. (Details pertaining to the GAA.)`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="NaftaCertificateOfOriginDetail" type="ns:NaftaCertificateOfOriginDetail" minOccurs="0"/>`
	`<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:element name="FreightAddressLabelDetail" type="ns:FreightAddressLabelDetail" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`Specifies the production of the OP-900 document for hazardous materials.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **SignatureOptionDetail**

diagram	
namespace	http://fedex.com/ws/ship/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/ship/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:annotation>`
	`<xs:documentation>`
	The CustomerManifestId is used to group Smart Post packages onto a manifest for each trailer that is being prepared. If you do not have multiple trailers this field can be omitted. If you have multiple trailers, you
	must assign the same Manifest Id to each SmartPost package as determined by its trailer. In other words, all packages on a trailer must have the same Customer Manifest Id. The manifest Id must be unique to your account number for a minimum of 6 months
	and cannot exceed 8 characters in length. We recommend you use the day of year + the trailer id (this could simply be a sequential number for that trailer). So if you had 3 trailers that you started loading on Feb 10
	the 3 manifest ids would be 041001, 041002, 041003 (in this case we used leading zeros on the trailer numbers).
	`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`

```
                                                      </xs:complexType>
```

complexType **StringBarcode**

diagram	StringBarcode Each instance of this data type represents a barcode whose content must be represented as ASCII text (i.e. not binary data). ns:Type The kind of barcode data in this instance. ns:Value The data content of this instance.
namespace	http://fedex.com/ws/ship/v9
children	**ns:Type ns:Value**
used by	elements **RoutingAstraDetail/Barcode PackageBarcodes/StringBarcodes**
annotation	documentation Each instance of this data type represents a barcode whose content must be represented as ASCII text (i.e. not binary data).

source	`<xs:complexType name="StringBarcode">`
	`<xs:annotation>`
	`<xs:documentation>`Each instance of this data type represents a barcode whose content must be represented as ASCII text (i.e. not binary data).`</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="Type" type="ns:StringBarcodeType" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`The kind of barcode data in this instance.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Value" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`The data content of this instance.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **Surcharge**

diagram	Surcharge Identifies each surcharge applied to the shipment. ns:SurchargeType The type of surcharge applied to the shipment. ns:Level ns:Description ns:Amount The amount of the surcharge applied to the shipment.
namespace	http://fedex.com/ws/ship/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">
            <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/ship/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:complexType name="Tax">
 <xs:annotation>
  <xs:documentation>Identifies each tax applied to the shipment.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="TaxType" type="ns:TaxType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The type of tax applied to the shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Description" type="xs:string" minOccurs="0"/>
  <xs:element name="Amount" type="ns:Money" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The amount of the tax applied to the shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType **TaxpayerIdentification**

diagram	
namespace	http://fedex.com/ws/ship/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>`15`</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/ship/v9
children	**ns:TrackingIdType ns:FormId ns:UspsApplicationId ns:TrackingNumber**
used by	elements **RequestedShipment/CodReturnTrackingId CompletedShipmentDetail/MasterTrackingId RequestedShipment/MasterTrackingId CancelPendingShipmentRequest/TrackingId DeleteShipmentRequest/TrackingId RoutingAstraDetail/TrackingId CompletedPackageDetail/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="UspsApplicationId" type="xs:string" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>`For use with SmartPost tracking IDs only`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="TrackingNumber" type="xs:string" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **TransactionDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:CustomerTransactionId ns:Localization**
used by	elements **CancelPendingShipmentReply/TransactionDetail CancelPendingShipmentRequest/TransactionDetail CreatePendingShipmentReply/TransactionDetail CreatePendingShipmentRequest/TransactionDetail DeleteShipmentRequest/TransactionDetail DeleteTagRequest/TransactionDetail ProcessShipmentReply/TransactionDetail ProcessShipmentRequest/TransactionDetail ProcessTagReply/TransactionDetail ProcessTagRequest/TransactionDetail ShipmentReply/TransactionDetail ValidateShipmentRequest/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: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 **UploadDocumentReferenceDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:LineNumber ns:CustomerReference ns:DocumentProducer ns:DocumentType ns:DocumentId ns:DocumentIdProducer**
used by	elements **EtdDetail/DocumentReferences CompletedEtdDetail/UploadDocumentReferenceDetails**

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 **ValidatedHazardousCommodityContent**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Description ns:Quantity ns:Options**
used by	element **CompletedPackageDetail/HazardousCommodities**
annotation	documentation Documents the kind and quantity of an individual hazardous commodity in a package.

source	`<xs:complexType name="ValidatedHazardousCommodityContent">`
	 `<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:ValidatedHazardousCommodityDescription"
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 **ValidatedHazardousCommodityDescription**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:Id ns:PackingGroup ns:ProperShippingName ns:ProperShippingNameAndDescription ns:TechnicalName ns:HazardClass ns:SubsidiaryClasses ns:Symbols ns:LabelText**
used by	element **ValidatedHazardousCommodityContent/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="ValidatedHazardousCommodityDescription"> <xs:annotation>

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<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="ProperShippingNameAndDescription" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Fully-expanded descriptive text for a hazardous commodity.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <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="Symbols" type="xs:string" minOccurs="0">
    <xs:annotation>
     <xs:documentation>Coded indications for special requirements or constraints.</xs:documentation>
    </xs:annotation>
   </xs:element>
   <xs:element name="LabelText" type="xs:string" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

complexType **ValidateShipmentRequest**

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

children	ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:RequestedShipment
used by	element **ValidateShipmentRequest**
annotation	documentation Descriptive data sent to FedEx by a customer in order to validate a shipment.

source	`<xs:complexType name="ValidateShipmentRequest">`
	`<xs:annotation>`
	`<xs:documentation>`Descriptive data sent to FedEx by a customer in order to validate a 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="RequestedShipment" type="ns:RequestedShipment">`
	`<xs:annotation>`
	`<xs:documentation>`Descriptive data about the shipment being sent by the requestor.`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **VariableHandlingChargeDetail**

diagram	
namespace	http://fedex.com/ws/ship/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>`Actual percentage (10 means 10%, which is a mutiplier of 0.1)`</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

complexType **VariableHandlingCharges**
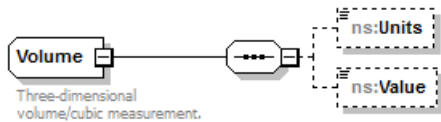
diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:VariableHandlingCharge ns:TotalCustomerCharge**
used by	elements **ShipmentRateDetail/TotalVariableHandlingCharges PackageRateDetail/VariableHandlingCharges ShipmentRateDetail/VariableHandlingCharges**
annotation	documentation The variable 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/ship/v9
children	**ns:ServiceId ns:Major ns:Intermediate ns:Minor**
used by	elements **CancelPendingShipmentReply/Version CancelPendingShipmentRequest/Version CreatePendingShipmentReply/Version CreatePendingShipmentRequest/Version DeleteShipmentRequest/Version DeleteTagRequest/Version ProcessShipmentReply/Version ProcessShipmentRequest/Version ProcessTagReply/Version ProcessTagRequest/Version ShipmentReply/Version ValidateShipmentRequest/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="ship">`
	   `<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	 Volume — Three-dimensional volume/cubic measurement. — ns:Units — ns:Value
namespace	http://fedex.com/ws/ship/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/ship/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: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:annotation>`
	  `</xs:element>`
	 `</xs:sequence>`
	`</xs:complexType>`

complexType **WebAuthenticationDetail**

diagram	
namespace	http://fedex.com/ws/ship/v9
children	**ns:UserCredential**
used by	elements **CancelPendingShipmentRequest/WebAuthenticationDetail CreatePendingShipmentRequest/WebAuthenticationDetail DeleteShipmentRequest/WebAuthenticationDetail DeleteTagRequest/WebAuthenticationDetail ProcessShipmentRequest/WebAuthenticationDetail ProcessTagRequest/WebAuthenticationDetail ValidateShipmentRequest/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/ship/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.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Value" type="xs:decimal"> <xs:annotation> <xs:documentation>Identifies the weight value of a package/shipment.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

simpleType **AdditionalLabelsType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element **AdditionalLabelsDetail/Type**		
facets	Kind	Value	annotation
	enumeration	BROKER	
	enumeration	CONSIGNEE	
	enumeration	CUSTOMS	
	enumeration	DESTINATION	
	enumeration	FREIGHT_REFERENCE	
	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="FREIGHT_REFERENCE"/>`
	`<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/ship/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/ship/v9

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type	restriction of **xs:string**		
used by	elements	**CustomLabelBarcodeEntry/BarcodeSymbology DocTabContentBarcoded/Symbology**	
facets	Kind	Value	annotation
	enumeration	CODE128B	
	enumeration	CODE128C	
	enumeration	CODE39	
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="CODE128B"/>`
	`<xs:enumeration value="CODE128C"/>`
	`<xs:enumeration value="CODE39"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **BinaryBarcodeType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**BinaryBarcode/Type**	
facets	Kind	Value	annotation
	enumeration	COMMON_2D	

source	`<xs:simpleType name="BinaryBarcodeType">`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="COMMON_2D"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **CarrierCodeType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	elements	**CompletedShipmentDetail/CarrierCode CompletedSmartPostDetail/PickUpCarrier**	
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/ship/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/ship/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/ship/v9
type	restriction of **xs:string**
used by	element **CodDetail/CollectionType**

facets	Kind	Value	annotation
	enumeration	ANY	
	enumeration	CASH	
	enumeration	COMPANY_CHECK	
	enumeration	GUARANTEED_FUNDS	
	enumeration	PERSONAL_CHECK	

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="COMPANY_CHECK"/>`
	`<xs:enumeration value="GUARANTEED_FUNDS"/>`
	`<xs:enumeration value="PERSONAL_CHECK"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType CodReturnReferenceIndicatorType

namespace	http://fedex.com/ws/ship/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 **CustomDeliveryWindowType**

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

type	restriction of **xs:string**		
used by	elements	**CustomerReference/CustomerReferenceType Op900Detail/Reference**	
facets	Kind enumeration	Value BILL_OF_LADING	annotation
	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	
annotation	documentation The types of references available for use.		

source	`<xs:simpleType name="CustomerReferenceType">`
	`<xs:annotation>`
	`<xs:documentation>`The types of references available for use.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="BILL_OF_LADING"/>`
	`<xs:enumeration value="CUSTOMER_REFERENCE"/>`
	`<xs:enumeration value="DEPARTMENT_NUMBER"/>`
	`<xs:enumeration value="ELECTRONIC_PRODUCT_CODE"/>`
	`<xs:enumeration value="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/ship/v9		
type	restriction of **xs:string**		
used by	element	**CustomLabelDetail/CoordinateUnits**	
facets	Kind enumeration	Value MILS	annotation
	enumeration	PIXELS	
annotation	documentation Valid values for CustomLabelCoordinateUnits		

source	`<xs:simpleType name="CustomLabelCoordinateUnits">`
	`<xs:annotation>`
	`<xs:documentation>`Valid values for CustomLabelCoordinateUnits`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="MILS"/>`
	`<xs:enumeration value="PIXELS"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **DangerousGoodsAccessibilityType**

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

used by	element	**DangerousGoodsDetail/Accessibility**	
facets	Kind	Value	annotation
	enumeration	ACCESSIBLE	
	enumeration	INACCESSIBLE	

source	`<xs:simpleType name="DangerousGoodsAccessibilityType">`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="ACCESSIBLE"/>`
	`<xs:enumeration value="INACCESSIBLE"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **DayOfWeekType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	elements	**ShipmentRoutingDetail/CommitDay ShipmentRoutingDetail/DeliveryDay**	
facets	Kind	Value	annotation
	enumeration	FRI	
	enumeration	MON	
	enumeration	SAT	
	enumeration	SUN	
	enumeration	THU	
	enumeration	TUE	
	enumeration	WED	
annotation	documentation Valid values for DayofWeekType		

source	`<xs:simpleType name="DayOfWeekType">`
	`<xs:annotation>`
	`<xs:documentation>`Valid values for DayofWeekType`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="FRI"/>`
	`<xs:enumeration value="MON"/>`
	`<xs:enumeration value="SAT"/>`
	`<xs:enumeration value="SUN"/>`
	`<xs:enumeration value="THU"/>`
	`<xs:enumeration value="TUE"/>`
	`<xs:enumeration value="WED"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **DeletionControlType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**DeleteShipmentRequest/DeletionControl**	
facets	Kind	Value	annotation
	enumeration	DELETE_ALL_PACKAGES	
	enumeration	DELETE_ONE_PACKAGE	
	enumeration	LEGACY	
annotation	documentation Specifies the type of deletion to be performed on a shipment.		

source	`<xs:simpleType name="DeletionControlType">`
	`<xs:annotation>`
	`<xs:documentation>`Specifies the type of deletion to be performed on a		

	shipment.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DELETE_ALL_PACKAGES"/> <xs:enumeration value="DELETE_ONE_PACKAGE"/> <xs:enumeration value="LEGACY"/> </xs:restriction> </xs:simpleType>

simpleType **DestinationControlStatementType**

namespace	http://fedex.com/ws/ship/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 **DocTabContentType**

namespace	http://fedex.com/ws/ship/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/ship/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/ship/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/ship/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/ship/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 **EMailNotificationAggregationType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	element **EMailNotificationDetail/AggregationType**

facets	Kind	Value	annotation
	enumeration	PER_PACKAGE	
	enumeration	PER_SHIPMENT	

source	
	`<xs:simpleType name="EMailNotificationAggregationType">`

```
                  <xs:restriction base="xs:string">
                   <xs:enumeration value="PER_PACKAGE"/>
                   <xs:enumeration value="PER_SHIPMENT"/>
                  </xs:restriction>
                 </xs:simpleType>
```

simpleType **EMailNotificationFormatType**

namespace	http://fedex.com/ws/ship/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/ship/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 enumeration THIRD_PARTY
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:enumeration value="THIRD_PARTY"/>`

	</xs:restriction> </xs:simpleType>

simpleType **ErrorLabelBehaviorType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	element **RequestedShipment/ErrorLabelBehavior**
facets	Kind Value annotation enumeration PACKAGE_ERROR_LABELS enumeration STANDARD

annotation	documentation
	
	    Specifies the client-requested response in the event of errors within shipment.
	    PACKAGE_ERROR_LABELS : Return per-package error label in addition to error Notifications.
	    STANDARD : Return error Notifications only.

source	`<xs:simpleType name="ErrorLabelBehaviorType">`
	`<xs:annotation>`
	`<xs:documentation>`
	    Specifies the client-requested response in the event of errors within shipment.
	    PACKAGE_ERROR_LABELS : Return per-package error label in addition to error Notifications.
	    STANDARD : Return error Notifications only.
	`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="PACKAGE_ERROR_LABELS"/>`
	`<xs:enumeration value="STANDARD"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **FedExLocationType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	elements **CompletedHoldAtLocationDetail/HoldingLocationType 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 **FreightAccountPaymentType**

namespace	http://fedex.com/ws/ship/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 **FreightChargeBasisType**

namespace	http://fedex.com/ws/ship/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/ship/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 **FreightCollectTermsType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**FreightShipmentDetail/CollectTermsType**	
facets	Kind	Value	annotation
	enumeration	SECTION_7_SIGNED	
	enumeration	STANDARD	

source	`<xs:simpleType name="FreightCollectTermsType">`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="SECTION_7_SIGNED"/>`
	`<xs:enumeration value="STANDARD"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **FreightOnValueType**

namespace	http://fedex.com/ws/ship/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 **FreightShipmentRoleType**

namespace	http://fedex.com/ws/ship/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/ship/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/ship/v9
type	restriction of **xs:string**
used by	elements **FreightShipmentLineItem/HazardousMaterials 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/ship/v9
type	restriction of **xs:string**
used by	elements **HazardousCommodityDescription/PackingGroup ValidatedHazardousCommodityDescription/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/ship/v9
type	restriction of **xs:string**
used by	element **HomeDeliveryPremiumDetail/HomeDeliveryPremiumType**
facets	Kind Value annotation enumeration APPOINTMENT enumeration DATE_CERTAIN enumeration EVENING
annotation	documentation The type of Home Delivery Premium service being requested.

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

simpleType **ImageId**

namespace	http://fedex.com/ws/ship/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/ship/v9
type	restriction of **xs:string**
used by	element **CustomsClearanceDetail/DocumentContent**
facets	Kind Value annotation enumeration DERIVED 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="DERIVED"/>`
	`  <xs:enumeration value="DOCUMENTS_ONLY"/>`
	`  <xs:enumeration value="NON_DOCUMENTS"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **LabelFormatType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**LabelSpecification/LabelFormatType**	
facets	Kind	Value	annotation
	enumeration	COMMON2D	
	enumeration	FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING	
	enumeration	LABEL_DATA_ONLY	
	enumeration	VICS_BILL_OF_LADING	
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="FEDEX_FREIGHT_STRAIGHT_BILL_OF_LADING"/>`
	`  <xs:enumeration value="LABEL_DATA_ONLY"/>`
	`  <xs:enumeration value="VICS_BILL_OF_LADING"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **LabelMaskableDataType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**CustomerSpecifiedLabelDetail/MaskedData**	
facets	Kind	Value	annotation
	enumeration	CUSTOMS_VALUE	
	enumeration	DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER	
	enumeration	SHIPPER_ACCOUNT_NUMBER	
	enumeration	TERMS_AND_CONDITIONS	
	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="DUTIES_AND_TAXES_PAYOR_ACCOUNT_NUMBER"/>
    <xs:enumeration value="SHIPPER_ACCOUNT_NUMBER"/>
    <xs:enumeration value="TERMS_AND_CONDITIONS"/>
    <xs:enumeration value="TRANSPORTATION_CHARGES_PAYOR_ACCOUNT_NUMBER"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **LabelPrintingOrientationType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	elements **CustomDocumentDetail/LabelPrintingOrientation LabelSpecification/LabelPrintingOrientation**
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>BOTTOM_EDGE_OF_TEXT_FIRST</td><td></td></tr><tr><td>enumeration</td><td>TOP_EDGE_OF_TEXT_FIRST</td><td></td></tr></table>
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/ship/v9
type	restriction of **xs:string**
used by	element **CustomDocumentDetail/LabelRotation**
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>LEFT</td><td></td></tr><tr><td>enumeration</td><td>NONE</td><td></td></tr><tr><td>enumeration</td><td>RIGHT</td><td></td></tr><tr><td>enumeration</td><td>UPSIDE_DOWN</td><td></td></tr></table>
annotation	documentation Relative to normal orientation for the printer.

source	`<xs:simpleType name="LabelRotationType">`
	`<xs:annotation>`
	`<xs:documentation>`Relative to normal orientation for the printer.`</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/ship/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	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 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="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 **LiabilityCoverageType**

namespace	http://fedex.com/ws/ship/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/ship/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/ship/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 Identifies which type minimum charge was applied.

source	`<xs:simpleType name="MinimumChargeType">`
	 `<xs:annotation>`
	  `<xs:documentation>`Identifies which type minimum charge was applied.`</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/ship/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/ship/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/ship/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/ship/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/ship/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
annotation	documentation This element is currently not supported and is for the future use.

source	`<xs:simpleType name="NaftaProducerSpecificationType">`
	`<xs:annotation>`
	`<xs:documentation>`This element is currently not supported and is for the future use.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="AVAILABLE_UPON_REQUEST"/>`
	`<xs:enumeration value="MULTIPLE_SPECIFIED"/>`
	`<xs:enumeration value="SAME"/>`
	`<xs:enumeration value="SINGLE_SPECIFIED"/>`
	`<xs:enumeration value="UNKNOWN"/>`

	</xs:restriction> </xs:simpleType>

simpleType **NotificationSeverityType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	elements **CancelPendingShipmentReply/HighestSeverity CreatePendingShipmentReply/HighestSeverity ProcessShipmentReply/HighestSeverity ProcessTagReply/HighestSeverity ShipmentReply/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/ship/v9
type	restriction of **xs:string**
used by	element **CompletedPackageDetail/OversizeClass**

facets	Kind	Value	annotation
	enumeration	OVERSIZE_1	
	enumeration	OVERSIZE_2	
	enumeration	OVERSIZE_3	

annotation	documentation The oversize class types.

source	<xs:simpleType name="OversizeClassType">
	 <xs:annotation>
	  <xs:documentation>The oversize class types.</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/ship/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 service offered by FedEx. BROKER_SELECT_OPTION should be used for Ground shipments only.		

source	`<xs:simpleType name="PackageSpecialServiceType">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Ground shipments only.`</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/ship/v9		
type	restriction of **xs:string**		
used by	element	**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 collection of available FedEx or customer packaging options.		

source	`<xs:simpleType name="PackagingType">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the collection of available FedEx or customer packaging options.`</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/ship/v9		
type	restriction of **xs:string**		
used by	element **Payment/PaymentType**		
facets	Kind	Value	annotation
	enumeration	COLLECT	
	enumeration	RECIPIENT	
	enumeration	SENDER	
	enumeration	THIRD_PARTY	
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="COLLECT"/>
	  <xs:enumeration value="RECIPIENT"/>
	  <xs:enumeration value="SENDER"/>
	  <xs:enumeration value="THIRD_PARTY"/>
	 </xs:restriction>
	</xs:simpleType>		

simpleType **PendingShipmentType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element **PendingShipmentDetail/Type**		
facets	Kind	Value	annotation
	enumeration	EMAIL	
annotation	documentation Identifies the type of service for a pending shipment.		

source	<xs:simpleType name="PendingShipmentType">
	 <xs:annotation>
	  <xs:documentation>Identifies the type of service for a pending shipment.</xs:documentation>
	 </xs:annotation>
	 <xs:restriction base="xs:string">
	  <xs:enumeration value="EMAIL"/>
	 </xs:restriction>
	</xs:simpleType>		

simpleType **PhysicalPackagingType**

namespace	http://fedex.com/ws/ship/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/ship/v9
type	restriction of **xs:string**
used by	element **PickupDetail/RequestSource**
facets	**Kind** **Value** **annotation** enumeration AUTOMATION enumeration CUSTOMER_SERVICE
annotation	documentation Identifies the type of source for pickup request service.

source	`<xs:simpleType name="PickupRequestSourceType">`
	`<xs:annotation>`
	`<xs:documentation>Identifies the type of source for pickup request service.</xs:documentation>`
	`</xs:annotation>`
	`<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/ship/v9
type	restriction of **xs:string**
used by	element **PickupDetail/RequestType**
facets	**Kind** **Value** **annotation** enumeration FUTURE_DAY enumeration SAME_DAY
annotation	documentation Identifies the type of pickup request service.

source	`<xs:simpleType name="PickupRequestType">`
	`<xs:annotation>`
	`<xs:documentation>Identifies the type of pickup request service.</xs:documentation>`
	`</xs:annotation>`
	`<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/ship/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
annotation	documentation Identifies the type of pricing used for this shipment.	

source	`<xs:simpleType name="PricingCodeType">`
	`<xs:annotation>`
	`<xs:documentation>Identifies the type of pricing used for this shipment.</xs:documentation>`
	`</xs:annotation>`
	`<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 PrintedReferenceType

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**PrintedReference/Type**	
facets	Kind	Value	annotation
	enumeration	CONSIGNEE_ID_NUMBER	
	enumeration	SHIPPER_ID_NUMBER	
annotation	documentation Identifies a particular reference identifier printed on a Freight bill of lading.		

source	`<xs:simpleType name="PrintedReferenceType">`
	`<xs:annotation>`
	`<xs:documentation>Identifies a particular reference identifier printed on a Freight bill of lading.</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="CONSIGNEE_ID_NUMBER"/>`
	`<xs:enumeration value="SHIPPER_ID_NUMBER"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType PurposeOfShipmentType

namespace	http://fedex.com/ws/ship/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
annotation	documentation Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.

source	`<xs:simpleType name="PurposeOfShipmentType">`
	`<xs:annotation>`
	`<xs:documentation>`Test for the Commercial Invoice. Note that Sold is not a valid Purpose for a Proforma Invoice.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="GIFT"/>`
	`<xs:enumeration value="NOT_SOLD"/>`
	`<xs:enumeration value="PERSONAL_EFFECTS"/>`
	`<xs:enumeration value="REPAIR_AND_RETURN"/>`
	`<xs:enumeration value="SAMPLE"/>`
	`<xs:enumeration value="SOLD"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **RateDimensionalDivisorType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element **ShipmentRateDetail/DimDivisorType**		
facets	Kind enumeration	Value COUNTRY	annotation
	enumeration	CUSTOMER	
	enumeration	OTHER	
	enumeration	PRODUCT	
	enumeration	WAIVED	
annotation	documentation Indicates the reason that a dim divisor value was chose.		

source	`<xs:simpleType name="RateDimensionalDivisorType">`
	`<xs:annotation>`
	`<xs:documentation>`Indicates the reason that a dim divisor value was chose.`</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/ship/v9		
type	restriction of **xs:string**		
used by	element **RateDiscount/RateDiscountType**		
facets	Kind enumeration	Value BONUS	annotation
	enumeration	COUPON	

	enumeration	EARNED
	enumeration	INCENTIVE
	enumeration	OTHER
	enumeration	VOLUME
annotation	documentation The type of the discount.	

source	`<xs:simpleType name="RateDiscountType">`
	`<xs:annotation>`
	`<xs:documentation>The type of the discount.</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="BONUS"/>`
	`<xs:enumeration value="COUPON"/>`
	`<xs:enumeration value="EARNED"/>`
	`<xs:enumeration value="INCENTIVE"/>`
	`<xs:enumeration value="OTHER"/>`
	`<xs:enumeration value="VOLUME"/>`
	`</xs:restriction>`
	`</xs:simpleType>`	

simpleType **RatedWeightMethod**

namespace	http://fedex.com/ws/ship/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 weight method used to calculate the rate.	

source	`<xs:simpleType name="RatedWeightMethod">`
	`<xs:annotation>`
	`<xs:documentation>The weight method used to calculate the rate.</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/ship/v9		
type	restriction of **xs:string**		
used by	element	**RequestedShipment/RateRequestTypes**	
facets	Kind	Value	annotation
	enumeration	ACCOUNT	
	enumeration	LIST	
	enumeration	PREFERRED	
annotation	documentation Identifies the type(s) of rates to be returned in the reply.		

source	`<xs:simpleType name="RateRequestType">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the type(s) of rates to be returned in the reply.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="ACCOUNT"/>`
	`<xs:enumeration value="LIST"/>`
	`<xs:enumeration value="PREFERRED"/>`
	`</xs:restriction>`
	`</xs:simpleType>`		

simpleType **RebateType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**Rebate/RebateType**	
facets	Kind	Value	annotation
	enumeration	BONUS	
	enumeration	EARNED	
	enumeration	OTHER	

source	`<xs:simpleType name="RebateType">`
	`<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/ship/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/ship/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/ship/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/ship/v9		
type	restriction of **xs:string**		
used by	elements	**EtdDetail/RequestedDocumentCopies ShippingDocumentSpecification/ShippingDocumentTypes**	
facets	Kind	Value	annotation
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	CUSTOMER_SPECIFIED_LABELS	
	enumeration	CUSTOM_PACKAGE_DOCUMENT	
	enumeration	CUSTOM_SHIPMENT_DOCUMENT	
	enumeration	FREIGHT_ADDRESS_LABEL	
	enumeration	GENERAL_AGENCY_AGREEMENT	
	enumeration	LABEL	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	
	enumeration	OP_900	
	enumeration	PRO_FORMA_INVOICE	
	enumeration	RETURN_INSTRUCTIONS	

```xml
<xs:simpleType name="RequestedShippingDocumentType">
 <xs:restriction base="xs:string">
  <xs:enumeration value="CERTIFICATE_OF_ORIGIN"/>
  <xs:enumeration value="COMMERCIAL_INVOICE"/>
  <xs:enumeration value="CUSTOMER_SPECIFIED_LABELS"/>
  <xs:enumeration value="CUSTOM_PACKAGE_DOCUMENT"/>
  <xs:enumeration value="CUSTOM_SHIPMENT_DOCUMENT"/>
  <xs:enumeration value="FREIGHT_ADDRESS_LABEL"/>
  <xs:enumeration value="GENERAL_AGENCY_AGREEMENT"/>
  <xs:enumeration value="LABEL"/>
  <xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/>
  <xs:enumeration value="OP_900"/>
  <xs:enumeration value="PRO_FORMA_INVOICE"/>
  <xs:enumeration value="RETURN_INSTRUCTIONS"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType **ReturnedRateType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	elements	**PackageRating/ActualRateType ShipmentRating/ActualRateType RequestedShipment/CustomerSelectedActualRateType PackageRateDetail/RateType ShipmentRateDetail/RateType**	
facets	Kind	Value	annotation
	enumeration	INCENTIVE	
	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. Former "...COUNTER..." values have become "...RETAIL..." values, except for PAYOR_COUNTER and RATED_COUNTER, which have been removed.		

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. Former "...COUNTER..." values have become "...RETAIL..." values, except for PAYOR_COUNTER and RATED_COUNTER, which have been removed.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="INCENTIVE"/> <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 ReturnedShippingDocumentType

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	element **ShippingDocument/Type**

facets	Kind	Value	annotation
	enumeration	AUXILIARY_LABEL	
	enumeration	CERTIFICATE_OF_ORIGIN	
	enumeration	COD_RETURN_2_D_BARCODE	
	enumeration	COD_RETURN_LABEL	
	enumeration	COMMERCIAL_INVOICE	
	enumeration	CUSTOM_PACKAGE_DOCUMENT	
	enumeration	CUSTOM_SHIPMENT_DOCUMENT	
	enumeration	ETD_LABEL	
	enumeration	FREIGHT_ADDRESS_LABEL	
	enumeration	GENERAL_AGENCY_AGREEMENT	
	enumeration	GROUND_BARCODE	
	enumeration	NAFTA_CERTIFICATE_OF_ORIGIN	
	enumeration	OP_900	
	enumeration	OUTBOUND_2_D_BARCODE	
	enumeration	OUTBOUND_LABEL	
	enumeration	PRO_FORMA_INVOICE	
	enumeration	RECIPIENT_ADDRESS_BARCODE	
	enumeration	RECIPIENT_POSTAL_BARCODE	
	enumeration	RETURN_INSTRUCTIONS	
	enumeration	TERMS_AND_CONDITIONS	
	enumeration	USPS_BARCODE	

annotation	documentation Shipping document type.
source	<xs:simpleType name="ReturnedShippingDocumentType"> <xs:annotation> <xs:documentation>Shipping document type.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="AUXILIARY_LABEL"/>

```
    <xs:enumeration value="CERTIFICATE_OF_ORIGIN"/>
    <xs:enumeration value="COD_RETURN_2_D_BARCODE"/>
    <xs:enumeration value="COD_RETURN_LABEL"/>
    <xs:enumeration value="COMMERCIAL_INVOICE"/>
    <xs:enumeration value="CUSTOM_PACKAGE_DOCUMENT"/>
    <xs:enumeration value="CUSTOM_SHIPMENT_DOCUMENT"/>
    <xs:enumeration value="ETD_LABEL"/>
    <xs:enumeration value="FREIGHT_ADDRESS_LABEL"/>
    <xs:enumeration value="GENERAL_AGENCY_AGREEMENT"/>
    <xs:enumeration value="GROUND_BARCODE"/>
    <xs:enumeration value="NAFTA_CERTIFICATE_OF_ORIGIN"/>
    <xs:enumeration value="OP_900"/>
    <xs:enumeration value="OUTBOUND_2_D_BARCODE"/>
    <xs:enumeration value="OUTBOUND_LABEL"/>
    <xs:enumeration value="PRO_FORMA_INVOICE"/>
    <xs:enumeration value="RECIPIENT_ADDRESS_BARCODE"/>
    <xs:enumeration value="RECIPIENT_POSTAL_BARCODE"/>
    <xs:enumeration value="RETURN_INSTRUCTIONS"/>
    <xs:enumeration value="TERMS_AND_CONDITIONS"/>
    <xs:enumeration value="USPS_BARCODE"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **ReturnEMailAllowedSpecialServiceType**

namespace	http://fedex.com/ws/ship/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/ship/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 **ServiceType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	element	**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_GROUND	
	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 collection of available FedEx service options.		

source	`<xs:simpleType name="ServiceType">`
	 `<xs:annotation>`
	  `<xs:documentation>`Identifies the collection of available FedEx service options.`</xs:documentation>`
	 `</xs:annotation>`
	 `<xs:restriction base="xs:string">`
	  `<xs:enumeration value="EUROPE_FIRST_INTERNATIONAL_PRIORITY"/>`
	  `<xs:enumeration value="FEDEX_1_DAY_FREIGHT"/>`
	  `<xs:enumeration value="FEDEX_2_DAY"/>`
	  `<xs:enumeration value="FEDEX_2_DAY_FREIGHT"/>`
	  `<xs:enumeration value="FEDEX_3_DAY_FREIGHT"/>`
	  `<xs:enumeration value="FEDEX_EXPRESS_SAVER"/>`
	  `<xs:enumeration value="FEDEX_GROUND"/>`
	  `<xs: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/ship/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. BROKER_SELECT_OPTION should be used for Express shipments only.

source	`<xs:simpleType name="ShipmentSpecialServiceType">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the collection of special service offered by FedEx. BROKER_SELECT_OPTION should be used for Express shipments only.`</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/ship/v9
type	restriction of **xs:string**
used by	elements **ShippingDocumentDispositionDetail/DispositionType** **ShippingDocument/ShippingDocumentDisposition**
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/ship/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/ship/v9
type	restriction of **xs:string**
used by	elements **ShippingDocument/Grouping 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/ship/v9
type	restriction of **xs:string**
used by	elements **LabelSpecification/ImageType ShippingDocumentFormat/ImageType**
facets	Kind Value annotation enumeration DOC enumeration DPL enumeration EPL2 enumeration PDF enumeration PNG enumeration RTF

	enumeration TEXT
	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="DOC"/>`
	`<xs:enumeration value="DPL"/>`
	`<xs:enumeration value="EPL2"/>`
	`<xs:enumeration value="PDF"/>`
	`<xs:enumeration value="PNG"/>`
	`<xs:enumeration value="RTF"/>`
	`<xs:enumeration value="TEXT"/>`
	`<xs:enumeration value="ZPLII"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **ShippingDocumentStockType**

namespace	http://fedex.com/ws/ship/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 OP_950	
	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="OP_950"/>`
	`<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/ship/v9
type	restriction of **xs:string**
used by	elements **SignatureOptionDetail/OptionType CompletedPackageDetail/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/ship/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/ship/v9
type	restriction of **xs:string**
used by	element **SmartPostShipmentDetail/Indicia**

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/ship/v9
type	restriction of **xs:string**
used by	element **ShipmentRateDetail/SpecialRatingApplied**

facets	Kind	Value	annotation
	enumeration	FIXED_FUEL_SURCHARGE	
	enumeration	IMPORT_PRICING	

annotation	documentation Special circumstance rating used for this shipment.

source	`<xs:simpleType name="SpecialRatingAppliedType">`
	`<xs:annotation>`
	 `<xs:documentation>`Special circumstance rating used for 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 **StringBarcodeType**

namespace	http://fedex.com/ws/ship/v9
type	restriction of **xs:string**
used by	element **StringBarcode/Type**

facets	Kind	Value	annotation
	enumeration	ADDRESS	
	enumeration	ASTRA	
	enumeration	FDX_1D	
	enumeration	GROUND	

	enumeration	POSTAL	
	enumeration	USPS	

source	`<xs:simpleType name="StringBarcodeType">`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="ADDRESS"/>`
	`<xs:enumeration value="ASTRA"/>`
	`<xs:enumeration value="FDX_1D"/>`
	`<xs:enumeration value="GROUND"/>`
	`<xs:enumeration value="POSTAL"/>`
	`<xs:enumeration value="USPS"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **SurchargeLevelType**

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

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/ship/v9	
type	restriction of **xs:string**	
used by	element	**Surcharge/SurchargeType**
facets	Kind enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration enumeration	Value ADDITIONAL_HANDLING ANCILLARY_FEE APPOINTMENT_DELIVERY BROKER_SELECT_OPTION CANADIAN_DESTINATION CLEARANCE_ENTRY_FEE COD CUT_FLOWERS DANGEROUS_GOODS DELIVERY_AREA DELIVERY_CONFIRMATION DOCUMENTATION_FEE DRY_ICE EMAIL_LABEL EUROPE_FIRST EXCESS_VALUE EXHIBITION EXPORT	annotation

	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	
annotation	documentation The type of the surcharge.		

source	`<xs:simpleType name="SurchargeType">`
	`<xs:annotation>`
	`<xs:documentation>The type of the surcharge.</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="ADDITIONAL_HANDLING"/>`
	`<xs:enumeration value="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"/>
                    <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/ship/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	

annotation	documentation The type of the tax.

source	`<xs:simpleType name="TaxType">`
	`<xs:annotation>`
	`<xs:documentation>The type of the tax.</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="EXPORT"/>`
	`<xs:enumeration value="GST"/>`
	`<xs:enumeration value="HST"/>`
	`<xs:enumeration value="INTRACOUNTRY"/>`
	`<xs:enumeration value="OTHER"/>`
	`<xs:enumeration value="PST"/>`
	`<xs:enumeration value="VAT"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **TermsOfSaleType**

namespace	http://fedex.com/ws/ship/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/ship/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/ship/v9
type	restriction of **xs:string**
used by	element **TrackingId/TrackingIdType**
facets	**Kind** **Value** **annotation** enumeration EXPRESS enumeration FREIGHT enumeration GROUND enumeration USPS

annotation	documentation TrackingIdType

source	`<xs:simpleType name="TrackingIdType">`
	`<xs:annotation>`
	`<xs:documentation>TrackingIdType</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="EXPRESS"/>`
	`<xs:enumeration value="FREIGHT"/>`
	`<xs:enumeration value="GROUND"/>`
	`<xs:enumeration value="USPS"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

simpleType **TransitTimeType**

namespace	http://fedex.com/ws/ship/v9		
type	restriction of **xs:string**		
used by	elements	**ShipmentRoutingDetail/MaximumTransitTime ShipmentRoutingDetail/TransitTime**	
facets	Kind	Value	annotation
	enumeration	EIGHTEEN_DAYS	
	enumeration	EIGHT_DAYS	
	enumeration	ELEVEN_DAYS	
	enumeration	FIFTEEN_DAYS	
	enumeration	FIVE_DAYS	
	enumeration	FOURTEEN_DAYS	
	enumeration	FOUR_DAYS	
	enumeration	NINETEEN_DAYS	
	enumeration	NINE_DAYS	
	enumeration	ONE_DAY	
	enumeration	SEVENTEEN_DAYS	
	enumeration	SEVEN_DAYS	
	enumeration	SIXTEEN_DAYS	
	enumeration	SIX_DAYS	
	enumeration	TEN_DAYS	
	enumeration	THIRTEEN_DAYS	
	enumeration	THREE_DAYS	
	enumeration	TWELVE_DAYS	
	enumeration	TWENTY_DAYS	
	enumeration	TWO_DAYS	
	enumeration	UNKNOWN	
annotation	documentation Identifies the set of valid shipment transit time values.		

source	`<xs:simpleType name="TransitTimeType">`
	`<xs:annotation>`
	`<xs:documentation>Identifies the set of valid shipment transit time values.</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="EIGHTEEN_DAYS"/>`
	`<xs:enumeration value="EIGHT_DAYS"/>`
	`<xs:enumeration value="ELEVEN_DAYS"/>`
	`<xs:enumeration value="FIFTEEN_DAYS"/>`
	`<xs:enumeration value="FIVE_DAYS"/>`
	`<xs:enumeration value="FOURTEEN_DAYS"/>`
	`<xs:enumeration value="FOUR_DAYS"/>`
	`<xs:enumeration value="NINETEEN_DAYS"/>`		

```
        <xs:enumeration value="NINE_DAYS"/>
        <xs:enumeration value="ONE_DAY"/>
        <xs:enumeration value="SEVENTEEN_DAYS"/>
        <xs:enumeration value="SEVEN_DAYS"/>
        <xs:enumeration value="SIXTEEN_DAYS"/>
        <xs:enumeration value="SIX_DAYS"/>
        <xs:enumeration value="TEN_DAYS"/>
        <xs:enumeration value="THIRTEEN_DAYS"/>
        <xs:enumeration value="THREE_DAYS"/>
        <xs:enumeration value="TWELVE_DAYS"/>
        <xs:enumeration value="TWENTY_DAYS"/>
        <xs:enumeration value="TWO_DAYS"/>
        <xs:enumeration value="UNKNOWN"/>
    </xs:restriction>
</xs:simpleType>
```

simpleType **UploadDocumentIdProducer**

namespace	http://fedex.com/ws/ship/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/ship/v9		
type	restriction of **xs:string**		
used by	element	**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/ship/v9
type	restriction of **xs:string**
used by	element **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/ship/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/ship/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/ship/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 the list of enumerated types for valid values.

source	`<xs:simpleType name="WeightUnits">`
	`<xs:annotation>`
	`<xs:documentation>`Identifies the unit of measure associated with a weight value. See the list of enumerated types for valid values.`</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="KG"/>`
	`<xs:enumeration value="LB"/>`
	`</xs:restriction>`
	`</xs:simpleType>`