

# Track Service





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### Disclaimer

All Improper Transaction scenarios are for example only. They do not reflect all error condition scenarios.



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### **About This Guide**

This guide describes how to integrate 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

- FedEx Services At-a-Glance: fedex.com/us/services
- FedEx Service Guide available at fedex.com/us/service-guide
- Microsoft Web Services: msdn.microsoft.com/en-us/library/ms950421.aspx
- O'Reilly XML.com: www.xml.com
- Secure Socket Layer Certificates: fedex.com/us/developer/downloads/dev\_cert.zip
- Web Services organization home page: <u>www.web-services.org</u>

### Support

- Contact FedEx Web Services technical support at <u>websupport@fedex.com</u>.
- For technical support, call 1.877.339.2774 and state "API" at the voice prompt.

  Support hours are Monday through Friday, 7:00 a.m. to 9:00 p.m. CST, and Saturday, 9:00 a.m.
- For FedEx Customer Service, call 1.800.GoFedEx 1.800.463.3339.
  - Customers using a FedEx<sup>®</sup> Compatible Solutions Program automation solution should contact their software provider for support.

to 3:00 p.m. CST.



# 1 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:

- Give Customers More Options: Help customers learn about all the available shipping options and
  rates with Ship Service WSDL, OpenShip WSDL, and Rate Services WSDL. You can also extend
  this service to your shopping cart and website, allowing customers to access money-saving
  information firsthand.
- More Convenience: Use the Locations Service WSDL to find the FedEx pickup location nearest your customer. Or, send an email 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 WSDL.
- 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 Email Labels. This service sends an email 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.



### 1.1 Document Overview

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

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

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.

### 1.2 Printing All or Part of This Guide

You can print all or part of this guide from the PDF version.

### 1.2.1 Printing from the PDF Version

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

- 1) Open the PDF file and click the printer icon or click **File** > **Print**.
- 2) From the **Print** dialog box, print the complete document, specify a page range, or choose from any of the available print options.

### 1.3 Web Services, WSDL, and SOAP Overview

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



### 1.3.1 Web Services

Web services are 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.

Web Services are consumed by many different applications across many platforms. It is based on the basic principles that govern XML standards, one of which is how Namespaces can be declared and applied.

Namespaces are declared as an attribute of an element. It is not mandatory to declare namespaces only at the root element; rather it could be declared at any element in the XML document. The scope of a declared namespace begins at the element where it is declared and applies to the entire content of that element, unless overridden by another namespace declaration with the same prefix name, the content of an element is the content between the <opening-tag> and </closing-tag> of that element. So essentially, XML namespace declarations are scoped, meaning that the declared prefix (or default namespace) is in force for the element on which the declaration occurs (as well as its descendant elements). A namespace declared as follows:

<v12:RateReply xmlns:v12="http://

is semantically same as

<RateReply xmlns="http://fedex.com/ws/rate/v12">

or even (hypothetically) same as

<foo:RateReply xmlns:foo="http://fedex.com/ws/rate/v12">

#### 1.3.2 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>.



### 1.3.2.1 WSDL Elements

Element	Definition
<definitions></definitions>	The root element contains name space definitions.
<porttype></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.</operation>
<types></types>	Defines variable types used in the web service (both the parameters passed to a function and the type of the value passed back via the response). The data types are described by XML schema. This element contains user-defined data types (in the form of XML schema). For maximum platform neutrality, WSDL uses XML schema syntax to define data types.
<message></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></operation>	Child of the <binding> element that defines each operation that the port exposes. This element allows only three messages:  Message - Definition  Input Message - Data web services receive  Output Message - Data web services send  Fault Message - Error messages from web services</binding>
<service></service>	Contains a <port> child element that describes the URL where the service is located. This is the location of the ultimate web service.</port>
   	Defines the message format and protocol details for each port. The binding element has two attributes: the name attribute and the type attribute. This element specifies how the client and the web service should send messages to one another.

Note: For more information about the WSDL standard, refer to the World Wide Web Consortium (W3C) Website at <u>w3.org/TR/wsdl.</u>

### 1.3.3 SOAP

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



• Enables the data to pass through layers of intermediaries and arrive at the ultimate receiver the way it was intended.

Note: You may not need to actually construct the SOAP messages yourself — many development tools available today construct SOAP behind the scenes.

### 1.3.3.1 SOAP Message

A SOAP message is an XML document that can be a request for a web service from a client or a "reply" from a web service to a client.

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

#### 1.3.3.1.1 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/v15">
<SOAP-ENV:Body>
<DeleteTagRequest>
<WebAuthenticationDetail>
    <UserCredential>
      <Key>
      User Key
      </Key>
    <Password>
    User Password
    </Password>
  </UserCredential>
</WebAuthenticationDetail>
<Client detail>
   <AccountNumber>xxxxxxxxx</Account number>
   <MeterNumber>xxxxxx
</ClientDetail>
<Version>
     <ServiceId>ship</ServiceId>
     <Major>15</Major>
     <Intermediate>0</Intermediate>
     <Minor>0</Minor>
</Version>
<DispatchLocationId>MQYA</DispatchLocationId>
<DispatchDate>yyyy-mm-dd</DispatchDate>
     <PaymentType>shipper</PaymentType>
         <AccountNumber>xxxxxxxxx</AccountNumber>
         <CountryCode>US</CountryCode>
    </Payor>
</Payment>
```



```
<ConfirmationNumber>XXXX</ConfirmationNumber>
</DeleteTagRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 1.3.4 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 (SSL) 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. The following is an example of a TrackRequest using the non-SOAP interface.

#### 1.3.4.1 Example Track Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"</pre>
xmlns:v9="http://fedex.com/ws/track/v9">
   <soapenv:Header/>
   <soapenv:Body>
      <v9:TrackRequest>
         <v9:WebAuthenticationDetail>
             <v9:UserCredential>
               <v9:Key>xxxxxx</v9:Key>
               <v9:Password/>
            </v9:UserCredential>
         </v9:WebAuthenticationDetail>
         <v9:ClientDetail>
            <v9:AccountNumber>XXXX</v9:AccountNumber>
            <v9:MeterNumber>XXXX</v9:MeterNumber>
            <v9:Localization>
               <v9:LanguageCode>EN</v9:LanguageCode>
               <v9:LocaleCode>US</v9:LocaleCode>
            </v9:Localization>
         </v9:ClientDetail>
         <v9:TransactionDetail>
```



```
<v9:CustomerTransactionId>Track By Number v9</v9:CustomerTransactionId>
            <v9:Localization>
               <v9:LanguageCode>EN</v9:LanguageCode>
               <v9:LocaleCode>US</v9:LocaleCode>
            </v9:Localization>
         </v9:TransactionDetail>
         <v9:Version>
            <v9:ServiceId>trck</v9:ServiceId>
            <v9:Major>9</v9:Major>
            <v9:Intermediate>1</v9:Intermediate>
            <v9:Minor>0</v9:Minor>
         </v9:Version>
         <v9:SelectionDetails>
            <v9:CarrierCode>FDXE</v9:CarrierCode>
            <v9:PackageIdentifier>
               <v9:Type>TRACKING NUMBER OR DOORTAG</v9:Type>
               <v9:Value>XXXX</v9:Value>
            </v9:PackageIdentifier>
            <v9:ShipmentAccountNumber/>
            <v9:SecureSpodAccount/>
            <v9:Destination>
               <v9:StreetLines>Address Line</v9:StreetLines>
               <v9:City>City</v9:City>
               <v9:StateOrProvinceCode>XX</v9:StateOrProvinceCode>
               <v9:PostalCode>XXXXXX</v9:PostalCode>
               <v9:CountryCode>XX</v9:CountryCode>
            </v9:Destination>
         </v9:SelectionDetails>
      </v9:TrackRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

#### 1.3.4.2 Error Handling

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

```
<soapenv:Fault xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<faultcode>soapenv:Server</faultcode>
<faultstring>5: Schema validation failed for request.</faultstring>
<detail>
<con:fault xmlns:con="http://www.bea.com/wli/sb/context">
<con:errorCode>5</con:errorCode>
```



```
<con:reason>Schema validation failed for request./con:reason>
<con:details>
<con1:ValidationFailureDetail</pre>
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</pre>
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>0000000000000000</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: 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.

### 1.3.4.3 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
Referrer: YourCompanyNameGoesHere
Host: ws.fedex.com
Port: 443
Accept: image/gif, image/jpeg, image/pjpeg, text/plain, text/html, */*
Content-Type: text/xml
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.

### 1.3.5 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.

### 1.4 Implementing FedEx Web Services

Before you begin implementing FedEx Web Services, note the following guidelines:

- FedEx Web Services are 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 graphical user interface (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.
- FedEx 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.

### 1.5 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.

Note: The 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 subelements, 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, such as 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.

#### 1.5.1 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.



### 1.6 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 conform to industry standards and are compatible with a comprehensive array of developers' 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 <a href="ws-i.org/Profiles/BasicProfile-1.1-2004-08-24">ws-i.org/Profiles/BasicProfile-1.1-2004-08-24</a>.

To obtain FedEx Web Services and begin integrating with an application, you need to access documentation, sample code, and sample service requests and replies with the WSDLs from the FedEx Developer Resource Center Technical Resources. Also, obtain a test meter number to engage in real-time online testing in the FedEx hosted test environment.

Note: Not all services are available outside the U.S.

### 1.6.1 Testing

FedEx supplies a complete online operating environment with which to test your applications against live FedEx servers. 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 at the FedEx Developer Resource Center at www.fedex.com/developer.

Production credentials can be obtained prior to the certification process. Advanced services are not enabled, but standard services are enabled. Refer to <u>Preproduction Assistance</u> for more information on support from FedEx.

### 1.6.1.1 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 thru Friday, 7 a.m. to 9 p.m. 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 FedEx® Compatible 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 FedEx® Compatible providers, go to the available FedEx® Compatible page at http://www.fedex.com/us/compatible/

#### 1.6.2 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. Certification is not required for rating and tracking in production.

#### 1.6.3 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.

### 1.6.3.1 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 if you are planning to resell your solution to others.

#### 1.6.3.2 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 <sup>®</sup> Compatible Program	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

#### 1.6.3.2.1 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 (EULA) to FedEx to obtain a production test meter.

#### 1.6.3.2.2 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.

If you are a commercial developer interested in becoming a FedEx Compatible provider, go to <a href="http://www.fedex.com/us/compatible/">http://www.fedex.com/us/compatible/</a> for more information about the FedEx Compatible Program.

#### 1.6.3.3 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. Test keys will no longer work with production server addresses.



# 2 Tracking and Visibility Services

The TrackService WSDL provides the following services to actively track your shipments:

Tracking Service

Use the TrackService WSDL to obtain real-time tracking information for FedEx Express<sup>®</sup>, FedEx Ground<sup>®</sup>, FedEx SmartPost<sup>®</sup>, FedEx Home Delivery<sup>®</sup>, FedEx Express<sup>®</sup> Freight, and FedEx Custom Critical<sup>®</sup> shipments.

Signature Proof of Delivery (SPOD)

Use FedEx SPOD to request a proof of delivery letter that includes a graphic image of your recipient's signature after your shipment has been delivered.

Notification

Use Notification to have FedEx automatically notify you and/or your customer and/or another third party by email, fax, or wireless of significant shipment events, such as clearance delays, delivery attempts, releases, consolidated proofs of delivery, and pre-alerts.

FedEx now offers a new email notification of Tendered, which may be specified with the shipment request, in addition to the existing Delivery, Exception, and Shipment email notifications. Use the Tendered email notification if you want an email notification sent to the specified recipients once the shipment has been tendered to FedEx. This notification is supported for FedEx Express, FedEx Ground, FedEx Freight® Economy, and FedEx SmartPost®

FedEx InSight<sup>®</sup>

FedEx InSight is a web-based application that enables you to view the status of your inbound, outbound, and third-party shipments without a tracking number. All you need is your account number and/or company name and address. You can see information about the status of your shipments so you can more effectively manage your supply-chain processes. FedEx InSight also notifies you by email, fax, or wireless of significant shipment events, such as clearance delays, delivery attempts, releases, consolidated proof of delivery, and delivery pre-alerts. For more information regarding FedEx InSight, go to fedex.com/insight.

### 2.1 Tracking Shipments

Use the TrackService WSDL to use FedEx® Tracking options to obtain timely and accurate tracking information for FedEx Express, FedEx Ground, FedEx Home Delivery, FedEx Freight®, FedEx Custom Critical, and FedEx SmartPost shipments. This WSDL handles tracking numbers individually.

You can also track the status of shipments by using a reference number, such as a purchase order (PO) number, customer reference, invoice, Bill of Lading (BOL), part number, or Transportation Control Number (TCN). Tracking by something other than tracking number also requires inclusion of Sender's account number and should contain secure tracking content.



### 2.1.1 Batch Tracking

Additional information on batch tracking is required for request and reply elements. For example, within the request, it's possible to have multiple occurrences of the TrackRequest/SelectionDetails element for batch tracking.

The maximum number of packages within a single track transaction is limited to 30.

Each level of Notifications within the new track response is as shown below:

- TrackReply/Notifications = Overall Transaction Status
- TrackReply/CompletedTrackDetails/Notifications = Individual Track Request Status
- $\bullet \quad \mathsf{TrackReply/CompletedTrackDetails/TrackDetails/Notification} = \mathsf{Specific} \ \mathsf{Tracking} \ \mathsf{Number} \ \mathsf{Status}$

#### Notes

- If there's a failure or error notification at the method level (TrackReply/Notifications) then ignore the remaining response/payload.
- If there's a failure or error notification at the CompletedTrackDetails level then ignore the remaining response/payload.
- If there's a failure or error notification at the TrackDetails level then ignore the remaining response/payload.

### 2.1.2 Tracking Service Details

You can use FedEx track service to obtain timely and accurate tracking information for FedEx Express, FedEx Ground, FedEx Home Delivery, FedEx Cargo, FedEx Freight, FedEx SmartPost, and FedEx Custom Critical shipments. Basic tracking service details are:

- FedEx Express and FedEx Ground <u>Signature Proof of Delivery (SPOD)</u> are available for 18 months after the ship date.
- FedEx Express shipments support intra-Mexico shipping for Signature Proof of Delivery (SPOD).
- FedEx Freight Signature Proof of Delivery (SPOD) are available for 2 years after the ship date.
- FedEx Custom Critical Signature Proof of Delivery (SPOD) is available for 90 days.
- The TrackService WSDL handles tracking numbers individually.
- You can track the status of shipments using a reference number, such as a PO number, customer reference, invoice number, BOL, part number, or TCN.

Refer to <u>TrackRequest Elements</u>, <u>TrackReply Elements</u> and the Track Schema for syntax details. For more detailed information about the services offered by FedEx, see the electronic <u>FedEx Service</u> <u>Guide</u>.

### 2.1.3 Tracking Service Options

The following options are available with this service:



### 2.1.3.1 Track by Tracking Number

This option applies to FedEx Express, FedEx Ground, FedEx Freight, and FedEx Custom Critical shipments. You can track any package shipped by FedEx using this tracking method. No extra qualifiers, such as date range are required for this method, but are recommended. Provide the Carrier Code to ensure the desired results for your request.

### 2.1.3.2 Track by Reference Number

This option applies to FedEx Express, FedEx Ground, FedEx Freight, FedEx Cargo, FedEx SmartPost, and FedEx Custom Critical shipments. You can track packages by a reference number entered during the shipping operation. Track by Reference Number can use any of the following sources:

• Shipper/Customer Reference

Note: With a FedEx Express and FedEx Ground shipment, the customer's reference number is coded as a Shipper Reference and Customer Reference. Use the Free\_Form\_Reference value to perform a wildcard search on the values associated with the shipment.

- Invoice Number
- PO
- Department (not available for FedEx SmartPost)
- Part Number (not available for FedEx SmartPost)
- Returns Material Authorization (RMA)
- TCN (not available for FedEx SmartPost)
- BOL (not available for FedEx SmartPost)

Note: If you enter a tracking number as part of this Request, the tracking number always takes precedence over the Reference element. Therefore, if you enter a tracking number for a shipment that does not include the Reference data you requested, the tracking number is returned with no error message. To limit the number of tracking replies for a specific reference, you can enter a date range for this search.

### 2.1.3.3 Track by Multiple-Package Shipment (MPS) Tracking Number

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 FedEx International C.O.D. multiple-package shipments. MPS tracking allows you to track by the master tracking number or by one of the associated sequential tracking numbers for child packages. Tracking by the master tracking number returns tracking data for all child tracking numbers associated with the master. Tracking by the child tracking number returns tracking data on the specific shipment associated with that tracking number.



### 2.1.3.4 Track by Door Tag Number

This option is available for FedEx Express and FedEx Ground U.S. and Canadian shipments. This option allows you to track the status of shipments by a FedEx Door Tag number. A Door Tag is left at the recipient's shipping address if the recipient is not there to receive the package. A Door Tag number is linked at FedEx with the package's original tracking number. This tracking functionality allows you to track using only the Door Tag number without requiring the associated tracking number. No additional search elements are required to track by Door Tag. You may request tracking scan information for any packages shipped by FedEx by entering a valid Door Tag number.

### 2.1.4 TrackRequest Elements

In addition to basic elements required for all transactions, the following elements make up the TrackRequest.



Table 1. TrackRequest Elements

Element	Required	Description
TrackRequest/SelectionDetails	No	Specifies the details needed to select the shipment being requested to be tracked.
TrackRequest/SelectionDetails/Carri erCode	No	The FedEx operating company (transportation) used for this package's delivery.
TrackRequest/SelectionDetails/ OperatingCompany	No	Identifies operating transportation company that is the specific to the carrier code.
TrackRequest/SelectionDetails/PackageIdentifier	No	The type and value of the package identifier that is to be used to retrieve the tracking information for a package or group of packages.  Valid values are:  Type: The type of the Value to be used to retrieve tracking information for a package, such as SHIPPER_REFERENCE, PURCHASE_ORDER, TRACKING_NUMBER_OR_DOORTAG, and so on.  Value: The value to be used to retrieve tracking information for a package.
TrackRequest/SelectionDetails/Pac kageIdentifier/Type	No	The type of track to be performed.  Valid values are:  BILL_OF_LADING  COD_RETURN_TRACKING_NUMBER  CUSTOMER_AUTHORIZATION_NUMBER  CUSTOMER_REFERENCE  DEPARTMENT  DOCUMENT_AIRWAY_BILL  FREE_FORM_REFERENCE  GROUND_INTERNATIONAL  GROUND_SHIPMENT_ID  GROUP_MPS  INVOICE  JOB_GLOBAL_TRACKING_NUMBER  ORDER_GLOBAL_TRACKING_NUMBER  ORDER_TO_PAY_NUMBER  OUTBOUND_LINK_TO_RETURN  PARTNER_CARRIER_NUMBER  PART_NUMBER  PURCHASE_ORDER



Element	Required	Description
		<ul> <li>RETURN_MATERIALS_AUTHORIZATION</li> <li>RETURNED_TO_SHIPPER_TRACKING_NUMB ER</li> <li>TRACKING_CONTROL_NUMBER</li> <li>TRACKING_NUMBER_OR_DOORTAG</li> <li>TRANSPORTATION_CONTROL_NUMBER</li> <li>SHIPPER_REFERENCE</li> <li>STANDARD_MPS</li> </ul>
TrackRequest/SelectionDetails/ TrackingNumberUniqueIdentifier	No	Used to distinguish duplicate FedEx tracking numbers.
TrackRequest/SelectionDetails/Ship DateRangeBegin	No	To narrow the search to a period in time, use the ShipDateRangeBegin and ShipDateRangeEnd to help eliminate duplicates.
TrackRequest/SelectionDetails/Ship DateRangeEnd	No	To narrow the search to a period in time, use the ShipDateRangeBegin and ShipDateRangeEnd to help eliminate duplicates.
TrackRequest/SelectionDetails/Ship mentAccountNumber	No	For tracking by references information, either the account number, or destination postal code and country must be provided.
TrackRequest/SelectionDetails/Sec ureSpodAccount	No	Specifies the SPOD account number for the shipment being tracked.
TrackRequest/SelectionDetails/Des tination	No	For tracking by references information, either the account number, or destination postal code and country must be provided.
TrackRequest/SelectionDetails/PagingDetail	No	Specifies the details about how to retrieve the subsequent pages when there is more than one page in the TrackReply.  Valid values are:  PagingToken: When the MoreData field = true in a TrackReply, the PagingToken must be sent in the subsequent TrackRequest to retrieve the next page of data.  NumberOfResultsPerPage: Specifies the number of results to display per page when there is more than one page in the subsequent TrackReply.
TrackRequest/SelectionDetails/Cust omerSpecifiedTimeOutValueInMilli seconds	No	The customer can specify a desired time out value for this particular tracking number.



Element	Required	Description
TrackRequest/TransactionTimeOut ValueInMilliseconds	No	The customer can specify a desired time out value for this particular transaction.
TrackRequest/ProcessingOptions	No	Valid value is INCLUDE_DETAILED_SCANS.  If FALSE (the default), the reply will contain summary/profile data including current status.  If TRUE, the reply will contain profile and detailed scan activity (multiple TrackDetail objects) for each package.

### 2.1.4.1 Example Track Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"</pre>
xmlns:v9="http://fedex.com/ws/track/v9">
   <soapenv:Header/>
   <soapenv:Body>
      <v9:TrackRequest>
         <v9:WebAuthenticationDetail>
            <v9:UserCredential>
               <v9:Key>XXXX</v9:Key>
               <v9:Password/>
            </v9:UserCredential>
         </v9:WebAuthenticationDetail>
         <v9:ClientDetail>
            <v9:AccountNumber>XXXX</v9:AccountNumber>
            <v9:MeterNumber>XXXX</v9:MeterNumber>
            <v9:Localization>
               <v9:LanguageCode>EN</v9:LanguageCode>
               <v9:LocaleCode>US</v9:LocaleCode>
            </v9:Localization>
         </v9:ClientDetail>
         <v9:TransactionDetail>
            <v9:CustomerTransactionId>Track By Number v9</v9:CustomerTransactionId>
            <v9:Localization>
               <v9:LanguageCode>EN</v9:LanguageCode>
               <v9:LocaleCode>US</v9:LocaleCode>
            </v9:Localization>
         </v9:TransactionDetail>
         <v9:Version>
            <v9:ServiceId>trck</v9:ServiceId>
            <v9:Major>9</v9:Major>
            <v9:Intermediate>1</v9:Intermediate>
            <v9:Minor>0</v9:Minor>
         </v9:Version>
```



```
<v9:SelectionDetails>
            <v9:CarrierCode>FDXE</v9:CarrierCode>
            <v9:PackageIdentifier>
               <v9:Type>TRACKING_NUMBER_OR_DOORTAG</v9:Type>
               <v9:Value> XXXX </v9:Value>
            </v9:PackageIdentifier>
            <v9:ShipmentAccountNumber/>
            <v9:SecureSpodAccount/>
            <v9:Destination>
               <v9:StreetLines>Address_Line</v9:StreetLines>
               <v9:City>City</v9:City>
               <v9:StateOrProvinceCode>XX</v9:StateOrProvinceCode>
               <v9:PostalCode>XXXX</v9:PostalCode>
               <v9:CountryCode>XX</v9:CountryCode>
            </v9:Destination>
         </v9:SelectionDetails>
      </v9:TrackRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

### 2.1.5 TrackReply Elements

In addition to standard reply elements, the following elements are returned in a successful TrackReply.



Table 2. TrackReply Elements

Element	Description
TrackReply/HighestSeverity	Identifies the highest severity encountered when performing the request. Valid values are:  • FAILURE  • ERROR  • WARNING  • NOTE  • SUCCESS.
TrackReply/Notifications	Includes the descriptive data detailing the status of a submitted transaction. Includes the severity of the notification, which indicates success or failure or some other information about the request. Valid values 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.
TrackReply/CompletedTrackDetails	Contains detailed tracking entry information.
TrackReply/CompletedTrackDetails/HighestSeverity	Contains the severity type of the most severe Notification in the Notifications array.
TrackReply/CompletedTrackDetails/ Notifications	Includes the descriptive data detailing the status of a submitted transaction. Includes the severity of the notification, which indicates success or failure or some other information about the request. Valid values 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.



Element	Description
	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.
TrackReply/CompletedTrackDetails/DuplicateWaybill	This element is returned if duplicate packages exist with the same tracking number. Only limited data will be provided for each one.
TrackReply/CompletedTrackDetails/MoreData	Returned if additional packages remain to be retrieved.
TrackReply/CompletedTrackDetails/PagingToken	Value that must be passed in a SendNotification Request to retrieve the next set of packages (when MoreDataAvailable = true).
TrackReply/CompletedTrackDetails/TrackDetails	Contains detailed tracking information for the requested packages(s). See <u>Table 3</u> .
TrackReply/CompletedTrackDetails/TrackDetails/ TrackSpecialHandling/TrackSpeciaHandlingSpecialType	Specifies special handling types
TrackReply//FedExLocationType	Specifies type of FedEx facility.

The following optional TrackDetails elements provide further identification of the package in the TrackService reply.



Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements

Element	Description
Notification	To report soft error on an individual track detail.
TrackingNumber	The FedEx package identifier.
Barcode	Each instance of this data type represents a barcode whose content must be represented as ASCII text, such as not binary data.
Barcode/Type	The kind of barcode data in this instance. Valid values are:  • ADDRESS  • ASTRA  • FEDEX_1D  • GROUND  • POSTAL  • USPS
Barcode/Value	The data content of this instance.
TrackingNumberUniqueIdentifier	When duplicate tracking numbers exist, this data is returned with summary information for each of the duplicates. The summary information is used to determine which of the duplicates the intended tracking number is. This identifier is used on a subsequent track request to retrieve the tracking data for the desired tracking number.
StatusDetail	Specifies details about the status of the shipment being tracked.
StatusDetail/CreationTime	An ISO8601DateTime.
StatusDetail/Code	A code that identifies this type of status.
StatusDetail/Description	A human-readable description of this status.
StatusDetail/Location	Address information related to the associated Status Detail Code and Description.  Valid values are:  City State Country
StatusDetail/AncillaryDetails	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



Element	Description
	handled as a unit, such as city-state-ZIP combination within the U.S.
CustomerExceptionRequests	Unique identifier for the customer exception request.
CustomerExceptionRequests/Id	Unique identifier for the customer exception request.
CustomerExceptionRequests/StatusCode	A code that identifies this type of status.
CustomerExceptionRequests/StatusDescription	A human-readable description of this status.
CustomerExceptionRequests/CreateTime	An ISO8601DateTime.
Reconciliation	Used to report the status of a piece of a multiple piece shipment which is no longer traveling with the rest of the packages in the shipment or has not been accounted for.
ServiceCommitMessage	<ol> <li>Used to convey information such as:</li> <li>FedEx has received information about a package but has not yet taken possession of it.</li> <li>FedEx has handed the package off to a third party for final delivery.</li> <li>The package delivery has been cancelled.</li> </ol>
DestinationServiceArea	A FedEx-specific code that indicates the level of service that FedEx is committed to provide for package delivery.
DestinationServiceAreaDescription	Descriptive text to provide additional explanation about the Destination Service Area.
CarrierCode	Identifies a FedEx operating company (transportation).
OperatingCompany	Identifies operating transportation company that is specific to the carrier code.
OperatingCompanyOrCarrierDescription	Specifies a detailed description about the carrier or the operating company.
ProductionLocationContactAndAddress	Specifies the FedEx office production center contact and address.
Otherldentifiers	Other related identifiers for this package such as reference numbers.
OtherIdentifiers/PackageIdentifier	Required. The type and value of the package identifier that is to be used to retrieve the tracking information for a package.



Element	Description
OtherIdentifiers/PackageIdentifier/Type	Required. The type of value to be used to retrieve tracking information for a package, such as SHIPPER_REFERENCE, PURCHASE_ORDER, TRACKING_NUMBER_OR_DOORTAG, and so on.
OtherIdentifiers/PackageIdentifier/Value	Required. The value to be used to retrieve tracking information for a package.
OtherIdentifiers/TrackingNumberUniqueIdentifier	Used to distinguish duplicate FedEx tracking numbers. When duplicate tracking numbers exist this data is returned with summary information for each of the duplicates. The summary information is used to determine which of the duplicates the intended tracking number is. This identifier is used on a subsequent track request to retrieve the tracking data for the desired tracking number.
OtherIdentifiers/CarrierCode	The FedEx operating company (transportation) used for this package's delivery.
Service	Specifies details about service such as service description and type.
Service/Type	The service type of the package/shipment, such as FEDEX_CARGO_AIRPORT_TO_AIRPORT.
Service/Description	Complete and accurate description of this service.  Descriptive text for the associated Service/Type.
Service/ShortDescription	Specifies a shorter description for the service that is calculated per the service code.
PackageWeight	The weight of this package.
PackageDimensions	Physical dimensions of the package.
PackageDimensionalWeight	The dimensional weight of the package.
ShipmentWeight	The weight of the entire shipment.
Packaging	Retained for legacy compatibility only.
PackagingType	Strict representation of the Packaging type, such as FEDEX_BOX, YOUR_PACKAGING, and so on. Valid Values are:  • "FEDEX_EXTRA_LARGE_BOX"  • "FEDEX_LARGE_BOX"  • "FEDEX_MEDIUM_BOX"



Element	Description
	<ul> <li>"FEDEX_SMALL_BOX".</li> <li>FEDEX_10KG_BOX</li> <li>FEDEX_25KG_BOX</li> <li>FEDEX_BOX</li> <li>FEDEX_ENVELOPE</li> <li>FEDEX_PAK</li> <li>FEDEX_TUBE</li> <li>YOUR_PACKAGING</li> </ul>
PackageSequenceNumber	The sequence number of this package in a shipment. This would be 2 if it was package number 2 of 4.
PackageCount	The number of packages in this shipment.
Charges	Specifies the details about the Single Point of Clearance (SPOC) details.
Charges/Type	The descriptive information about the type of charges. Valid value is ORIGINAL_CHARGES.
Charges/ChargeAmount	The currency amount billed for services rendered.
ShipmentContents	This is a hierarchical field; it does not contain data but identifies that the lower-level fields will be related to the shipment contents.
ShipmentContents/PartNumber	The part number.
ShipmentContents/ItemNumber	The item number.
ShipmentContents/ReceivedQuantity	The quantity of the item received, in the form of a non-negative integer.
ShipmentContents/Description	The descriptive data identifying the contents of the shipment.
PackageContents	Specifies the contents of the package.
ClearanceLocationCode	A FedEx-specific code that identifies the destination FedEx facility where the consolidation shipment must be cleared. This is identified by the shipper/customer in association with the consolidation services: IPD, IED or IDF.
Commodities	Describes the kinds and quantities of all commodities in the shipment.
Commodities/CommodityId	Value used to identify a commodity description; must be



Element	Description
	unique within the containing shipment.
Commodities/Name	Specify name of the commodity.
Commodities/NumberOfPieces	Specify number of pieces for the commodity.
Commodities/Description	Complete and accurate description of the commodity.
Commodities/CountryOfManufacture	Country code where commodity contents were produced or manufactured in their final form.
Commodities/HarmonizedCode	The unique alpha/numeric code representing the commodity item.
Commodities/Weight	Specify weight of commodity.
Commodities/Quantity	Specify quantity of commodity. This field is used for enterprise transactions.
Commodities/QuantityWithFraction	This field is only for use in upload file construction and processing.
Commodities/QuantityUnits	Unit of measure used to express the quantity of this commodity line item.
Commodities/AdditionalMeasures	Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.
Commodities/UnitPrice	Value of each unit in Quantity. Six explicit decimal places positions.
Commodities/CustomsValue	Specify customs value for commodity.
Commodities/ExciseCondition	Defines additional characteristics of commodity used to calculate duties and taxes.
Commodities/ExportLicenseExpirationDate	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 U.S. shipping only. Required only if commodity is shipped on commerce export license, and Export License Number is supplied.
Commodities/CIMarksAndNumbers	An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.
Commodities/PartNumber	The part number.



Element	Description
Commodities/NaftaDetail	All data required for this commodity in NAFTA Certificate of Origin.
Commodities/NaftaDetail/PreferenceCriterion/	Defined by NAFTA regulations. See instructions for NAFTA Certificate of Origin for code definitions.  Valid values are:  A B C D F
Commodities/NaftaDetail/ProducerDetermination	Defined by NAFTA regulations. See instructions for NAFTA Certificate of Origin for code definitions.  Valid values are:  NO_1  NO_2  NO_3  YES
Commodities/NaftaDetail/ProducerId	Identification of which producer is associated with this commodity (if multiple producers are used in a single shipment).
Commodities/NaftaDetail/NetCostMethod	Valid values are:  NC: Net cost method used for RCV calculation. NO: Net cost method not used.
Commodities/NaftaDetail/NetCostDateRange	Date range over which RVC net cost was calculated.
ReturnDetail	This is a hierarchical field; it does not contain data but identifies that the lower-level fields will be related to a return shipment.
ReturnDetail/MovementStatus	Identifies whether the return shipment has actually been returned.  Valid values are:  MOVEMENT_OCCURRED  NO_MOVEMENT
ReturnDetail/LabelType	Specifies the label that is to be put on a return package.  Valid values are:  • EMAIL



Element	Description
	• PRINT
ReturnDetail/Description	Descriptive text about the return shipment, entered by the customer.
ReturnDetail/AuthorizationName	Name of person authorizing the return, entered by the customer.
CustomsOptionDetails	Specifies the reason for return.
CustomsOptionDetails/Type	Specifies the reason for a global return, as recognized by Customs.  Valid values are:  COURTESY_RETURN_LABEL: For the outbound courtesy return label.  EXHIBITION_TRADE_SHOW: For exhibition or trade-show, outbound and inbound.  FAULTY_ITEM: For faulty item being returned, inbound only.  FOLLOWING_REPAIR: For repaired or processed item being sent, outbound only.  FOR_REPAIR: For repair or processing, outbound and inbound.  ITEM_FOR_LOAN: For loan item, outbound and inbound.  OTHER: Other reason, outbound and inbound. This type requires a description.  REJECTED: For rejected merchandise being returned, inbound.  REPLACEMENT: For replacement being sent, outbound only.  TRIAL: For use in a trial, outbound and inbound.
CustomsOptionDetails/Description	Specifies additional description about customs options. This is a required field when the CustomsOptionType is "OTHER."
AdvanceNotificationDetail	The details of the advance notification, such as estimated time of arrival, reason and status.
ShipperAddress	The address information for the shipper.
OriginLocationAddress	The address of the FedEx pickup location/facility.
EstimatedPickupTimestamp	Estimated package pickup time for shipments that haven't been picked up.



Element	Description
ShipTimestamp	Time package was shipped/tendered over to FedEx. Time portion will be populated if available, otherwise will be set to midnight.
TotalTransitDistance	The distance from the origin to the destination. Returned for Custom Critical shipments.
DistanceToDestination	Total distance package still has to travel. Returned for Custom Critical shipments.
DestinationAddress	The address this package is to be (or has been) delivered.
HoldAtLocationContact	The descriptive data for a point-of-contact person.
HoldAtLocationAddress	The address this package is requested to be placed on hold at.
DestinationLocationAddress	The address of the FedEx delivery location/facility.
AppointmentDeliveryTimestamp	Date and time the package would be delivered if the package has appointment delivery as a special service.
EstimatedDeliveryTimestamp	Projected package delivery time based on ship time stamp, service and destination. Not populated if delivery has already occurred.
ActualDeliveryTimestamp	The time the package was actually delivered.
ActualDeliveryAddress	Actual address where package was delivered. Differs from destination address, which indicates where the package was to be delivered; This field tells where delivery actually occurred, such as next door, at station and so on.
OfficeOrderDeliveryMethod	Identifies the method of office order delivery.
DeliveryLocationType	Strict text indicating the delivery location at the delivered to address.
DeliveryLocationDescription	User/screen friendly representation of the DeliveryLocationType (delivery location at the delivered to address). Can be returned in localized text.
DeliveryAttempts	Specifies the number of delivery attempts made to deliver the shipment.
DeliverySignatureName	This is either the name of the person that signed for the package or "Signature not requested" or "Signature on file."



Element	Description	
PieceCountVerificationDetails	Specifies the details about the count of the packages delivered at the delivery location and the count of the packages at the origin.	
PieceCountVerificationDetails/CountLocationType	The type of location.  Valid values are:  DESTINATION ORIGIN	
PieceCountVerificationDetails/Count	The count of the pieces in the form of a non-negative integer.	
PieceCountVerificationDetails/Description	Describes the piece count verification.	
TotalUniqueAddressCountInConsolidation	Specifies the total number of unique addresses on the CRNs in a consolidation.	
AvailableImages	The type of image available.	
Signature	The signature image if available.	
NotificationEventsAvailable	The types of email notifications that are available for the package.	
SplitShipmentParts	Returned for cargo shipments only when they are currently split across vehicles. Applies to FedEx Freight shipments.	
SplitShipmentParts/PieceCount	The number of pieces in this part.	
SplitShipmentParts/Timestamp	The date and time this status began.	
SplitShipmentParts/StatusCode	A code that identifies this type of status.	
SplitShipmentParts/StatusDescription	A human-readable description of this status.	
RedirectToHoldEligibility	Indicates redirection eligibility as determined by tracking service, subject to refinement/override by redirect-to-hold service.  Valid values are:  • ELIGIBLE  • INELIGIBLE  • POSSIBILY_ELIGIBLE	
Events	Event information for a tracking number.	
Events/Timestamp	The time this event occurred.	



Element	Description	
Events/EventType	Carrier's scan code. Pairs with EventDescription.	
Events/EventDescription	Literal description that pairs with the EventType.	
Events/StatusExceptionCode	Further defines the Scan Type code's specific type, such as DEX08 business closed. Pairs with StatusExceptionDescription.	
Events/StatusExceptionDescription	Literal description that pairs with the StatusExceptionCode.	
Events/Address	Address information of the station that is responsible for the scan.	
Events/StationId	Station identification.	
Events/ArrivalLocation	Valid Values are:  AIRPORT  CUSTOMER  CUSTOMS_BROKER  DELIVERY_LOCATION  DESTINATION_AIRPORT  DESTINATION_FEDEX_FACILITY  DROP_BOX  ENROUTE  FEDEX_FACILITY  FEDEX_OFFICE_LOCATION  INTERLINE_CARRIER  NON_FEDEX_FACILITY  ORIGIN_AIRPORT  ORIGIN_FEDEX_FACILITY  PICKUP_LOCATION  PLANE  PORT_OF_ENTRY  SHIP_AND_GET_LOCATION  SORT_FACILITY  TURNPOINT  VEHICLE	

# 2.1.5.1 Example TrackReply

 $\label{eq:com/ws/track/q0"> <q0:TrackReply xmlns:q0="http://fedex.com/ws/track/q0"> <q0:HighestSeverity>SUCCESS</q0:HighestSeverity> \\$ 



```
<q0:Notifications>
            <q0:Severity>SUCCESS</q0:Severity>
            <q0:Source>trck</q0:Source>
            <q0:Code>0</q0:Code>
            <q0:Message>Request was successfully processed.</q0:Message>
            <q0:LocalizedMessage>Request was successfully
processed.</q0:LocalizedMessage>
         </q0:Notifications>
         <q0:TransactionDetail>
            <q0:CustomerTransactionId>Basic TrackRequest q0 Internal</q0:Cust
omerTransactionId>
            <q0:Localization>
               <q0:LanguageCode>EN</q0:LanguageCode>
               <q0:LocaleCode>us</q0:LocaleCode>
            </q0:Localization>
         </q0:TransactionDetail>
         <q0:Version>
            <q0:ServiceId>trck</q0:ServiceId>
            <q0:Major>7</q0:Major>
            <q0:Intermediate>0</q0:Intermediate>
            <q0:Minor>0</q0:Minor>
         </q0:Version>
         <q0:CompletedTrackDetails>
            <q0:HighestSeverity>SUCCESS</q0:HighestSeverity>
            <q0:Notifications>
               <q0:Severity>SUCCESS</q0:Severity>
               <q0:Source>trck</q0:Source>
               <q0:Code>0</q0:Code>
               <q0:Message>Request was successfully processed.</q0:Message>
               <q0:LocalizedMessage>Request was successfully
processed.</q0:LocalizedMessage>
            </q0:Notifications>
            <q0:DuplicateWaybill>false</q0:DuplicateWaybill>
            <q0:MoreData>false</q0:MoreData>
            <q0:TrackDetails>
               <q0:Notification>
                  <q0:Severity>SUCCESS</q0:Severity>
                  <q0:Source>trck</q0:Source>
                  <q0:Code>0</q0:Code>
                  <q0:Message>Request was successfully
processed.</q0:Message>
                  <q0:LocalizedMessage>Request was successfully
processed.</q0:LocalizedMessage>
               </q0:Notification>
               <q0:TrackingNumber>XXXXXX</q0:TrackingNumber>
               <q0:TrackingNumberUniqueIdentifier>2455910000</q0:TrackingNumb
```



```
erUniqueIdentifier>
               <q0:StatusDetail>
                  <q0:Code>DL</q0:Code>
                  <q0:Description>Delivered</q0:Description>
                  <q0:Location>
                     <q0:Residential>false</q0:Residential>
                  </q0:Location>
               </q0:StatusDetail>
               <q0:CarrierCode>FDXE</q0:CarrierCode>
               <q0:OperatingCompanyOrCarrierDescription>FedEx
Express</q0:OperatingCompanyOrCarrierDescription>
               <q0:OtherIdentifiers>
                  <q0:PackageIdentifier>
                     <q0:Type>SHIPPER REFERENCE</q0:Type>
                     <q0:Value>XXXXX</q0:Value>
                  </q0:PackageIdentifier>
               </q0:OtherIdentifiers>
               <q0:Service>
                  <q0:Type>FEDEX 2 DAY</q0:Type>
                  <q0:Description>FedEx 2Day Service</q0:Description>
               </q0:Service>
               <q0:PackageSequenceNumber>0</q0:PackageSequenceNumber>
               <q0:PackageCount>0</q0:PackageCount>
               <q0:ShipTimestamp>XXXXXXX</q0:ShipTimestamp>
               <q0:DestinationAddress>
                  <q0:City>XXXXXX</q0:City>
                  <q0:StateOrProvinceCode>XX</q0:StateOrProvinceCode>
                  <q0:CountryCode>US</q0:CountryCode>
                  <q0:Residential>false</q0:Residential>
               </q0:DestinationAddress>
               <q0:ActualDeliveryTimestamp>XXXXXX</q0:ActualDeliveryTimestamp>
               <q0:ActualDeliveryAddress>
                  <q0:City>XXXXX</q0:City>
                  <q0:StateOrProvinceCode>XX</q0:StateOrProvinceCode>
                  <q0:CountryCode>US</q0:CountryCode>
                  <q0:Residential>false</q0:Residential>
               </q0:ActualDeliveryAddress>
               <q0:DeliveryAttempts>0</q0:DeliveryAttempts>
               <q0:DeliverySignatureName>Signature not
required</q0:DeliverySignatureName>
               <q0:TotalUniqueAddressCountInConsolidation>0</q0:TotalUniqueAd
dressCountInConsolidation>
               <q0:Signature/>
               <q0:RedirectToHoldEliqibility>INELIGIBLE</q0:RedirectToHoldEli
gibility>
               <q0:Events>
```



```
<q0:Timestamp>XXXX</q0:Timestamp>
                  <q0:EventType>DL</q0:EventType>
                  <q0:EventDescription>Delivered</q0:EventDescription>
                  <q0:StatusExceptionCode>02</q0:StatusExceptionCode>
                  <q0:StatusExceptionDescription>Package delivered to
recipient address - release authorized</q0:StatusExceptionDescription>
                  <q0:Address>
                     <q0:City>XXXXXX</q0:City>
                     <q0:StateOrProvinceCode>XX</q0:StateOrProvinceCode>
                     <q0:PostalCode>XXXXXX</q0:PostalCode>
                     <q0:CountryCode>US</q0:CountryCode>
                     <q0:Residential>false</q0:Residential>
                  </q0:Address>
               </q0:Events>
            </q0:TrackDetails>
         </q0:CompletedTrackDetails>
      </q0:TrackReply>
```

## 2.1.6 Tracking Status

This table defines the tracking status codes:



Table 4. Tracking Status Codes

Code	Definition	Code	Definition
	•	PD	Pickup Delay
Movement	Movement		Plane in Flight
АА	At Airport	PL	Plane Landed
AC	At Canada Post facility	PM	In Progress
AD	At Delivery	PU	Picked Up
AF	At FedEx Facility	PX	Picked up (see Details)
AP	At Pickup	RR	CDO requested
AR	Arrived at	RM	CDO Modified
AX	At USPS facility	RC	CDO Cancelled
CA	Shipment Cancelled	RS	Return to Shipper
СН	Location Changed	RP	
DD	Delivery Delay	LC	
DE	Delivery Exception	RG	
DL	Delivered	RD	
DP	Departed	SE	Shipment Exception
DR	Vehicle furnished but not used	SF	At Sort Facility
DS	Vehicle Dispatched	SP	Split Status
DY	Delay	TR	Transfer
EA	Enroute to Airport	Regulatory	
ED	Enroute to Delivery	СС	Cleared Customs
EO	Enroute to Origin Airport	CD	Clearance Delay
EP	Enroute to Pickup	СР	Clearance in Progress
FD	At FedEx Destination	EA	Export Approved



Code	Definition	Code	Definition
HL	Hold at Location	SP	Split Status
IT	In Transit	Posession	
IX	In transit (see Details)	CA	Carrier
LO	Left Origin	RC	Recipient
ОС	Order Created	SH	Shipper
OCN	N/A	CU	Customs
OD	Out for Delivery	BR	Broker
OF	At FedEx origin facility	TP	Transfer Partner
ОХ	Shipment information sent to USPS	SP	Split status

# 2.2 Signature Proof of Delivery (SPOD)

To confirm a shipment has been received and signed for, you can use the SPOD request Fax or Letter function of the TrackService WSDL. With this feature, you can request a letter that includes a graphic of the recipient's signature for FedEx Express and FedEx Ground shipments.

#### 2.2.1 Service Details

- To view detailed SPOD information, include the 9-digit FedEx account number in the SPOD Fax or Letter request.
- If an account number is not provided, or if it does not match the shipper or payer, then only summary SPOD information will be provided.
- If an SPOD Letter is requested, it will be returned in PDF format that can be printed, browsed, or emailed.
- An SPOD Fax request will request a Fax format of the SPOD to be sent to a specific Fax number.
- There is no charge for SPOD.

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



### 2.2.1.1 SPODLetterRequest Elements

Use this request if the SPOD should be sent as a letter.

In addition to basic elements required for all transactions, the following elements make up the SPODLetterRequest.

Table 5. SPOD Letter Request Elements

Element	Required	Description
TrackingNumber	Yes	Shipment tracking number.
ShipDate	No	Date on which package was shipped.
AccountNumber	No	Account number associated with the shipment.
Carrier	No	FedEx service that delivered the package.
Destination	No	Only country is used for elimination of duplicate tracking numbers.
AdditionalComments	No	Any additional information.
LetterFormat	Yes	Specify the letter format. Must be included when type is set to Letter.
Consignee	No	Information to be substituted for recipient information in the letter.

### 2.2.1.1.1 Example SPODLetterRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"</pre>
xmlns:v9="http://fedex.com/ws/track/v9">
   <soapenv:Header/>
   <soapenv:Body>
      <v9:SignatureProofOfDeliveryLetterRequest>
         <v9:WebAuthenticationDetail>
            <v9:UserCredential>
               <v9:Key>XXXX</v9:Key>
               <v9:Password/>
            </v9:UserCredential>
         </v9:WebAuthenticationDetail>
         <v9:ClientDetail>
            <v9:AccountNumber>XXXX</v9:AccountNumber>
            <v9:MeterNumber>XXXXX</v9:MeterNumber>
         </v9:ClientDetail>
         <v9:TransactionDetail>
```



<v9:CustomerTransactionId>SignatureProofOfDeliveryLetterRequest\_v9</v9:CustomerTransactionId>

```
<v9:Localization>
      <v9:LanguageCode>EN</v9:LanguageCode>
   </v9:Localization>
</v9:TransactionDetail>
<v9:Version>
   <v9:ServiceId>trck</v9:ServiceId>
  <v9:Major>9</v9:Major>
   <v9:Intermediate>1</v9:Intermediate>
   <v9:Minor>0</v9:Minor>
</v9:Version>
<v9:QualifiedTrackingNumber>
   <v9:TrackingNumber>XXXXXX</v9:TrackingNumber>
   <v9:ShipDate>YYYY-MM-DD</v9:ShipDate>
   <v9:AccountNumber>XXXXXX</v9:AccountNumber>
   <v9:Carrier>FDXE</v9:Carrier>
   <v9:Destination>
      <v9:StreetLines>XXXX</v9:StreetLines>
      <v9:City>City</v9:City>
      <v9:StateOrProvinceCode>XX</v9:StateOrProvinceCode>
      <v9:PostalCode>XXXX</v9:PostalCode>
      <v9:CountryCode>XX</v9:CountryCode>
   </v9:Destination>
</v9:QualifiedTrackingNumber>
<v9:LetterFormat>PNG</v9:LetterFormat>
<v9:Consignee>
   <v9:Contact>
      <v9:PersonName>XXXXXX</v9:PersonName>
      <v9:Title>String</v9:Title>
      <v9:CompanyName>XXXX</v9:CompanyName>
      <v9:PhoneNumber>String</v9:PhoneNumber>
      <v9:PhoneExtension>XXX</v9:PhoneExtension>
      <v9:PagerNumber>XXXX</v9:PagerNumber>
      <v9:FaxNumber>XXXXXX</v9:FaxNumber>
      <v9:EMailAddress>XXXXX</v9:EMailAddress>
   </v9:Contact>
   <v9:Address>
      <v9:StreetLines>String</v9:StreetLines>
      <v9:City>XXXX</v9:City>
      <v9:StateOrProvinceCode>IN</v9:StateOrProvinceCode>
      <v9:PostalCode>XXXX</v9:PostalCode>
      <v9:CountryCode>XX</v9:CountryCode>
   </v9:Address>
</v9:Consignee>
```



</v9:SignatureProofOfDeliveryLetterRequest>
 </soapenv:Body>
</soapenv:Envelope>

### 2.2.1.2 SPODLetterReply Elements

In addition to standard reply elements, the following element is returned in a successful SPODLetterReply.

Table 6. SPOD Letter Reply Elements

Element	Description
Letter	Base64-encoded SPOD letter.

### 2.2.1.3 SPODFaxRequest Elements

Use this request if the SPOD should be sent as a Fax.

In addition to basic elements required for all transactions, the following elements make up the SPODFaxRequest.



Table 7. SPOD Fax Request Elements

Element	Required	Description
TrackingNumber	Yes	Shipment tracking number.
ShipDate	No	Date on which the package was shipped.
AccountNumber	No	Account number associated with the shipment.
Carrier		FedEx service that delivered the package.
Destination		Only country is used for elimination of duplicate tracking numbers.
AdditionalComments	No	Any additional information.
FaxSender	No	Contract and address information about the person requesting the fax to be sent.
FaxRecipient		Contract and address information, including the fax number, about the person to receive the fax.
Consignee	No	Information to be substituted for recipient information in the letter.

# 2.2.1.4 SPODFaxReply Elements

In addition to standard reply elements, the following element is returned in a successful SPODFaxReply.



Table 8. SPOD Fax Reply Elements

Element	Description
FaxConfirmationNumber	Number of the FAX where confirmation is to be sent.

# 2.2.2 Tracking and SPOD Differences

- Use Tracking to check the status of your shipment at any time during and within 18 months after delivery.
- Use SPOD to obtain an image of the recipient's signature (if the signature is available) once the shipment has been delivered.

# 2.2.3 SPOD Data Availability

Signature Proof of Delivery is available for FedEx Express and FedEx Ground shipments up to 18 months from the ship date. This includes the signature image and associated shipment data. The signature image and additional recipient information may not be available for display in all countries and is indicated on the SPOD where applicable.

## 2.2.4 Summary SPOD

You can obtain a SPOD letter with summary information without providing the 9-digit FedEx account number. This letter contains all the same information as Detailed SPOD, but only contains the city, state/province, and country information for the shipper and recipient. The signature image may not be available for display in all countries and is indicated on the SPOD where applicable. For a sample see the following <u>SPOD Sample Letter – Partial</u> example.

### 2.2.5 Detailed SPOD

You can obtain a SPOD letter with detailed information by providing the 9-digit FedEx account number. If the account number matches the shipper or payer of the shipment, you will be able to view detailed SPOD information, which includes complete contact name, company name, street address, city, state/province, postal code, and country information for both the shipper and recipient (if available). The signature image and additional recipient information may not be available for display in all countries and will be indicated on the SPOD where applicable. For a sample see the following <a href="SPOD Sample Letter-Full">SPOD Sample Letter-Full</a> example.

# 2.2.6 Service Availability

You can get proof-of-delivery for FedEx Express and FedEx Ground shipments that were delivered to destinations worldwide (where available). For more information, contact FedEx Customer Service.



# 2.2.7 No Signature Found

Signatures can take up to five days to process. Even if no signature is available, you can receive the available proof of delivery information. You can also check again later for the signature. If no signature is available after seven business days, call **1.800.GoFedEx 1.800.463.3339**.

Note: The signature may be unavailable if it was released (the shipper or recipient signed a signature release agreement). SPOD requests cannot be batch-processed. If you need multiple SPOD documents, you must create multiple requests. The returned SPOD PDF buffer is encoded in Base64 and then must be Base64 decoded.



# 2.2.8 SPOD Sample Letter - Partial



Fedlix Express Customer Support Trace 3675 Anvays Boulevard Module H, 4th Roor Manghis , TN 38116

U.S. Meit PO Box 727 Nampris, TN 36194-4643

Telephore: 901-369-3600

11/07/2005

Dear Gustomer

The following is the proof of delivery you requested with the tracking number 123456769123.

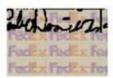
Delivery Information:

Statue: Dalivarad

od Deivery sats:

Jun 1, 2005 00:15

Signed far by: John Q. Public Service type: FedEx2Day Service



Shipping Information:

Tracking number: 123456780123 Ship date May 31, 2005

Recipient Shipper: ENGLEWIDOD, COUS MEMPHIS, TN US

Thank you for alloosing Fed Ex Express.

FedEx Worldwide Oustomer Service 1800.GcFedEx 1.800.4633339



# 2.2.9 SPOD Sample Letter - Full



FedEx Expess
Gustoner SupportTrace
38/5 Anways Boulevard
Morule H. 4th Roor
Menphis, TN 38116

U.S. Mail: PO Box 727 Memphis, TN 38194-4643

Telephone: 901-369-3600

11/07/2005

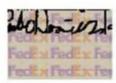
Dear Gustoner:

The following is the proof of deliveryyou requested with the tracking number 123456789123.

Delivery Information:

Status: Signed for by: Service type: Dalvered Join Q. Public FetEx2Day Service Delivery loostion: Delivery date: 555 Purple Promise Lane Juli 1, 2005 09:15

May 31, 200s



#### Ohipping Information:

Tracking number: 1214.567.60.113

Recipient:

CUSTOMERSERVICE DEPARTMENT

FEDERAL EXPRESSS 555 PURPLE PROVISE LANE ANYTOWN, TN 38200 U.S etch qid2

Shipper: GARY SMITHSON

3680 HACKENSON ROAD IN GLEWCOD, CO 80112 US

Thank you for cloosing Fed Ex Express.

FedEx Worldwide Customer Service 1.800.GoFedEx 1.800.461.3339



# 2.3 Notification

Notification may be included using the TrackService WSDL SendNotificationsRequest or in the ShipService. Notification allows you to request exception and delivery email notifications be sent to you, your recipient, and up to 2 other email addresses. A personal message can also be included.

Note: If you include notification elements in a Ship request, you do not need to use the TrackService WSDL SendNotificationsRequest for that shipment. The TrackService WSDL SendNotificationsRequest is provided if no notification request has been made for an undeliverable shipment.

#### 2.3.1 Notification Service Details

The following service details apply:

• Send notification of package state to up to four email addresses.

Note: If the notification request is for an international package, you may identify one of the notification recipients as a broker.

- FedEx services offering this feature are FedEx Express (including intra-Mexico), FedEx Ground, FedEx Home Delivery (FHD), FedEx Custom Critical (FXCC), FedEx SmartPost (FXSP), and FXFR (FedEx Freight).
- Shipment, delivery and tendered notifications are available for FedEx SmartPost® Returns. Email exception is not available.

There are two notification options:

- 1. Exception notification, such as if an exception occurs during scanning and the package may be delayed, or if an address correction is required
- 2. Delivery notification
  - You must choose between these delivery types: wireless (to a cell phone), text only email, and HTML email.
  - o A personal message (up to 120 characters) is allowed for email notifications only. This element is not allowed for wireless notifications.
  - You may select a valid language code for your communication. If no language code is indicated in the service request, the default is EN. The following table lists the valid language codes:



Table 9. Valid Language Codes for Notification Service

Value	Language	Locale Code (required if indicated below)
DA	Danish	
DE	German	
EN	English (default value)	
ES	Spanish (Latin American)	ES
ES	Spanish (North America)	US
FR	French (Canada)	CA
FR	French (Europe)	
IT	Italian	
JA	Kanji (Japan)	
КО	Korean	
NL	Dutch	
PT	Portuguese (Latin America)	
SV	Swedish	
ZH	Chinese (simplified)	CN
ZH	Chinese (Taiwan)	TW
ZH	Chinese (Hong Kong)	НК

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

# 2.3.2 Notification Coding Details

In addition to the standard elements required for all transactions, the following elements are provided as part of the TrackService WSDL SendNotificationsRequest.



# 2.3.2.1 SendNotificationsRequest Elements

Table 10. Send Notifications Request Elements

Element	Required	Description
TrackingNumber	Required	Tracking number.
MultiPiece	Optional	Indicates whether to return tracking information for all associated packages.
PagingToken	Optional	To obtain additional data on second and subsequent SendNotifications requests. Client must submit this value in subsequent track requests in order to obtain next page of data. Must contain at least four characters.
TrackingNumberUniqueId	Optional	Populate only if the TrackingNumberUniqueld is known from a previous Tracking request or an email notifications request that resulted in a duplicate reply.
ShipDateRangeBegin	Optional	Recommend providing date range to find desired track number by limiting the results to this range. If not provided FedEx will default to a range that may not be useful for the search.
ShipDateRangeEnd	Optional	If provided, ShipDateRangeBegin is required.
SenderEMailAddress	Required	Valid email address of notification requestor.
SenderContactName	Required	Valid contact name of notification requestor.
NotificationDetailEMail	Optional	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.
NotificationDetail/PersonalMessage	Optional	A message that will be included in the email notifications. Personal messages are not applicable with wireless formatted notifications such as UTF-8 encoded message.



Element	Required	Description
NotificationDetail/Recipients	Required	Information describing the destination of the email format of the email and events to be notified on. Specify up to six email addresses to receive the specified notification.
NotificationDetail/Recipients/ EMailNotificationRecipientType	Optional	Identifies the relationship this email recipient has to the shipment.  Valid values are:  BROKER OTHER RECIPIENT SHIPPER
EMailNotificationDetail/Recipients/EmailAddress	Required	The email address of the notification recipient.
EMailNotificationDetail/Recipients/ NotificationEventsRequested	Optional	Identifies if an email notification should be sent to the recipient:  ON_DELIVERY ON_EXCEPTION ON_SHIPMENT ON_TENDER
EMailNotificationDetail/Recipients/Format	Required	This element is required to specify the type of notification you want to receive. Valid values are:  • HTML • TEXT • WIRELESS
EMailNotificationDetail/Recipients/Localization	Required	The language/locale to be used in this email notification
Recipients/Localization/LanguageCode	Required	You may include a language code to have the email message returned in that language. See Notification Service  Details for a table of valid language codes. If no value is included with this element, the default is en (English).
Recipients/Localization/LocaleCode	Optional	Some languages require a locale code to further identify the requested language. For example, if you request the notification emails in Spanish, you must include a locale code of U.S. for North American Spanish.



Element	Required	Description
		See Notification Service for a table of valid locale codes.

### 2.3.2.1.1 Example Send Notifications Request

```
<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">
  <SOAP-ENV:Body>
      <SendNotificationsRequest xmlns="http://fedex.com/ws/track/v9">
         <WebAuthenticationDetail>
            <UserCredential>
               <Key>XXXX</Key>
               <Password/>
            </UserCredential>
         </WebAuthenticationDetail>
         <ClientDetail>
            <AccountNumber>XXXX</AccountNumber>
            <MeterNumber>XXXX</MeterNumber>
            <Localization>
               <LanguageCode>en</LanguageCode>
            </Localization>
         </ClientDetail>
         <TransactionDetail>
            <CustomerTransactionId>SendNotificationsRequest v9</CustomerTransactionId>
            <Localization>
               <LanguageCode>en</LanguageCode>
            </Localization>
         </TransactionDetail>
         <Version>
            <ServiceId>trck</ServiceId>
            <Major>9</Major>
            <Intermediate>1</Intermediate>
            <Minor>0</Minor>
         </Version>
         <TrackingNumber>XXXX</TrackingNumber>
         <TrackingNumberUniqueId>XXXXXX</TrackingNumberUniqueId>
         <ShipDateRangeBegin>YYYY-MM-DD</ShipDateRangeBegin>
         <ShipDateRangeEnd> YYYY-MM-DD </ShipDateRangeEnd>
         <SenderEMailAddress>XXXX</SenderEMailAddress>
         <SenderContactName>XXX</SenderContactName>
         <NotificationDetail>
```

<PersonalMessage>Message



## 2.3.2.2 SendNotificationsReply Elements

Table 11. SendNotificationsReply Elements

Element	Description
DuplicateWaybill	This element is present in the reply if duplicate tracking numbers are found as part of the notification request.
MoreDataAvailable	Returned in the reply if additional notification data is available.
PagingToken	If you receive the MoreDataAvailable element in the reply, you will also receive the PagingToken element with corresponding PagingToken number. This number must be included in any additional notification request, to receive additional data for your original request.
Packages	Information about the notifications that are available for this tracking number. If there are duplicates, then the ship date and destination address information is returned for determining which TrackingNumberUniqueIdentifier to use on a subsequent request. This complex element includes:  • TrackingNumber  • TrackingNumberUniqueIdentification  • CarrierCode  • ShipDate  • Destination  • RecipientDetails
Packages/TrackingNumber UniqueIdentifiers	When duplicate tracking numbers exist, this data is returned with summary information for each of the duplicates. The summary information is used to determine which of the duplicates the intended tracking number is. This identifier is used on a subsequent track request to retrieve the tracking data for the desired tracking number.



#### 2.3.2.2.1 Example Send Notifications Reply

```
<q0:SendNotificationsReply xmlns:q0="http://fedex.com/ws/track/q0">
         <q0:HighestSeverity>WARNING</q0:HighestSeverity>
         <q0:Notifications>
            <q0:Severity>WARNING</q0:Severity>
            <q0:Source>trck</q0:Source>
            <q0:Code>XXXX</q0:Code>
            <q0:Message>We are unable to provide notifications because either the
package is too old or there is more than one package with the provided tracking
number.</q0:Message>
            <q0:LocalizedMessage>We are unable to provide notifications because
either the package is too old or there is more than one package with the provided
tracking number.</q0:LocalizedMessage>
         </q0:Notifications>
         <q0:TransactionDetail xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-
ENC="http://schemas.xmlsoap.org/soap/encoding/">
            <q0:CustomerTransactionId>XXXXX</q0:CustomerTransactionId>
            <q0:Localization>
               <q0:LanguageCode>en</q0:LanguageCode>
            </q0:Localization>
         </q0:TransactionDetail>
         <q0:Version xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:SOAP-
ENC="http://schemas.xmlsoap.org/soap/encoding/">
            <q0:ServiceId>trck</q0:ServiceId>
            <q0:Major>7</q0:Major>
            <q0:Intermediate>0</q0:Intermediate>
            <q0:Minor>0</q0:Minor>
         </q0:Version>
         <q0:DuplicateWaybill>false</q0:DuplicateWaybill>
         <q0:MoreDataAvailable>false</q0:MoreDataAvailable>
         <q0:Packages>
            <q0:TrackingNumber>XXXX</q0:TrackingNumber>
<q0:TrackingNumberUniqueIdentifiers>XXXX</q0:TrackingNumberUniqueIdentifiers>
            <q0:CarrierCode>FDXE</q0:CarrierCode>
            <q0:ShipDate>YYYY-MM-DD</q0:ShipDate>
            <q0:Destination>
               <q0:City>XXXX</q0:City>
               <q0:StateOrProvinceCode>XX</q0:StateOrProvinceCode>
               <q0:CountryCode>US</q0:CountryCode>
               <q0:Residential>false</q0:Residential>
            </q0:Destination>
         </q0:Packages>
      </q0:SendNotificationsReply>
```



# 2.4 FedEx InSight

As part of the ShipService WSDL, you may add additional elements to your ProcessShipment request to customize your FedEx InSight information:

Table 12. FedEx InSight Elements

Element	Description
RequestedShipment/BlockInsightVisibility	Optional. If true, only the shipper/payor will have visibility of this shipment.
RequestedPackageLineItem/ContentRecords	Includes the following elements:  PartNumber ItemNumber ReceivedQuantity Description These multiple occurrence elements can be repeated up to 50 times for a single tracking number.

For more information regarding FedEx InSight, go to fedex.com/insight.

# 2.5 Error Messages

For error messages, see the Error Code Messages section of the Web Services Developer Guide.



# Schema TrackService\_v9.xsd

**Flements** 

**SendNotificationsReply SendNotificationsRequest** 

<u>SignatureProofOfDeliveryFaxReply</u> SignatureProofOfDelivervFaxRegu

SignatureProofOfDeliveryLetterRe

SignatureProofOfDeliveryLetterRe

quest TrackReply **TrackRequest**  Complex types

**Address AppointmentDetail** 

<u>AppointmentTimeDetail</u> ClientDetail

**Commodity** 

**CompletedTrackDetail** 

Contact

**ContactAndAddress** ContentRecord

CustomerExceptionRequestDetail

**CustomsOptionDetail** 

**DeliveryOptionEligibilityDetail** 

**Dimensions Distance** 

**EdtExciseCondition** 

**EMailNotificationDetail** 

**EMailNotificationRecipient** 

**Localization** 

LocalTimeRange

**Measure** 

**ServiceType** 

**NaftaCommodityDetail** 

**Notification** 

**NotificationParameter** 

**PagingDetail** 

**PieceCountVerificationDetail** QualifiedTrackingNumber

**SendNotificationsReply** SendNotificationsRequest

**SignatureImageDetail SignatureProofOfDeliveryFaxReply** 

<u>SignatureProofOfDeliveryFaxRequ</u>

**SignatureProofOfDeliveryLetterRe** 

ply

**SignatureProofOfDeliveryLetterRe** 

**SpecialInstructionStatusDetail** 

Simple types

<u>AppointmentWindowType</u> **ArrivalLocationType** <u>AvailableImageType</u>

CarrierCodeType

**CustomsOptionType** 

**DeliveryOptionType** 

**DistanceUnits** 

**EligibilityType** 

**EMailNotificationEventType** 

**EMailNotificationFormatType** 

**EMailNotificationRecipientType** 

**FedExLocationType** 

**LinearUnits NaftaNetCostMethodCode** 

**NaftaPreferenceCriterionCode** 

**NaftaProducerDeterminationCod** 

NotificationSeverityType

OfficeOrderDeliveryMethodType

**OperatingCompanyType** 

**PackagingType** 

**PieceCountLocationType** 

**SignatureProofOfDeliveryImage** 

**Type** 

**SpecialInstructionsStatusCode** 

**StringBarcodeType** 

**TrackAdvanceNotificationStatus** 

**TrackChargeDetailType TrackDeliveryLocationType** 

**TrackDeliveryOptionType** 

**TrackDetailAttributeType** 

**TrackIdentifierType TrackPaymentType** 

**TrackPossessionStatusType** 

**TrackRequestProcessingOption** 

TrackReturnLabelType

**TrackReturnMovementStatusTy** 



**StringBarcode** 

<u>TrackAdvanceNotificationDetail</u>

**TrackChargeDetail** 

**TrackDetail** 

**TrackEvent** 

**TrackNotificationPackage** 

**TrackNotificationRecipientDetail** 

<u>TrackOtherIdentifierDetail</u>

**TrackPackageIdentifier** 

**TrackReconciliation** 

**TrackReply** 

**TrackRequest** 

**TrackReturnDetail** 

**TrackSelectionDetail** 

**TrackServiceDescriptionDetail** 

**TrackSpecialHandling** 

**TrackSpecialInstruction** 

**TrackSplitShipmentPart** 

**TrackStatusAncillaryDetail** 

**TrackStatusDetail** 

**TransactionDetail** 

VersionId

**WebAuthenticationCredential** 

**WebAuthenticationDetail** 

Weight

<u>pe</u> <u>TrackSpecialHandlingType</u>

**WeightUnits** 

element SendNotificationsReply

Cicilicit O	ciente de la contration six epis	
diagram	SendNotificationsReply type ns:SendNotificationsReply	
namespace	http://fedex.com/ws/track/v9	
type	ns:SendNotificationsReply	
source	<xs:element name="SendNotificationsReply" type="ns:SendNotificationsReply"></xs:element>	

### element SandNotificationsRequest

 element 3	FIIGINO	lilicationsNequest
diagram		
alagrani		SendNotificationsRequest
		type ns:SendNotificationsRequest



namespace	http://fedex.com/ws/track/v9
type	ns:SendNotificationsRequest
source	<pre><xs:element name="SendNotificationsRequest" type="ns:SendNotificationsRequest"></xs:element></pre>

element SignatureProofOfDeliveryFaxReply

diagram	SignatureProofOfDeliveryFaxRe type ns:SignatureProofOfDeliveryFax
namespace	http://fedex.com/ws/track/v9
type	ns:SignatureProofOfDeliveryFaxReply
source	<pre><xs:element name="SignatureProofOfDeliveryFaxReply" type="ns:SignatureProofOfDeliveryFaxReply"></xs:element></pre>

element SignatureProofOfDeliveryFaxRequest

Olomont O	gilataror reore bonvery raktoqueet
diagram	SignatureProofOfDeliveryFaxRe type ns:SignatureProofOfDeliveryFax
namespace	http://fedex.com/ws/track/v9
type	ns:SignatureProofOfDeliveryFaxRequest
source	<a>xs:element name="SignatureProofOfDeliveryFaxRequest" type="ns:SignatureProofOfDeliveryFaxRequest"/&gt;</a>

element SignatureProofOfDeliveryLetterReply

	J
diagram	SignatureProofOfDeliveryLetter type ns:SignatureProofOfDeliveryLett
namespace	http://fedex.com/ws/track/v9
type	ns:SignatureProofOfDeliveryLetterReply
source	<pre><xs:element name="SignatureProofOfDeliveryLetterReply" type="ns:SignatureProofOfDeliveryLetterReply"></xs:element></pre>

### $element \ \textbf{Signature} \textbf{ProofOfDeliveryLetter} \textbf{Request}$



diagram	SignatureProofOfDeliveryLetter type ns:SignatureProofOfDeliveryLett
namespace	http://fedex.com/ws/track/v9
type	ns:SignatureProofOfDeliveryLetterRequest
source	<a>xs:element name="SignatureProofOfDeliveryLetterRequest" type="ns:SignatureProofOfDeliveryLetterRequest"/&gt;</a>

### element TrackReply

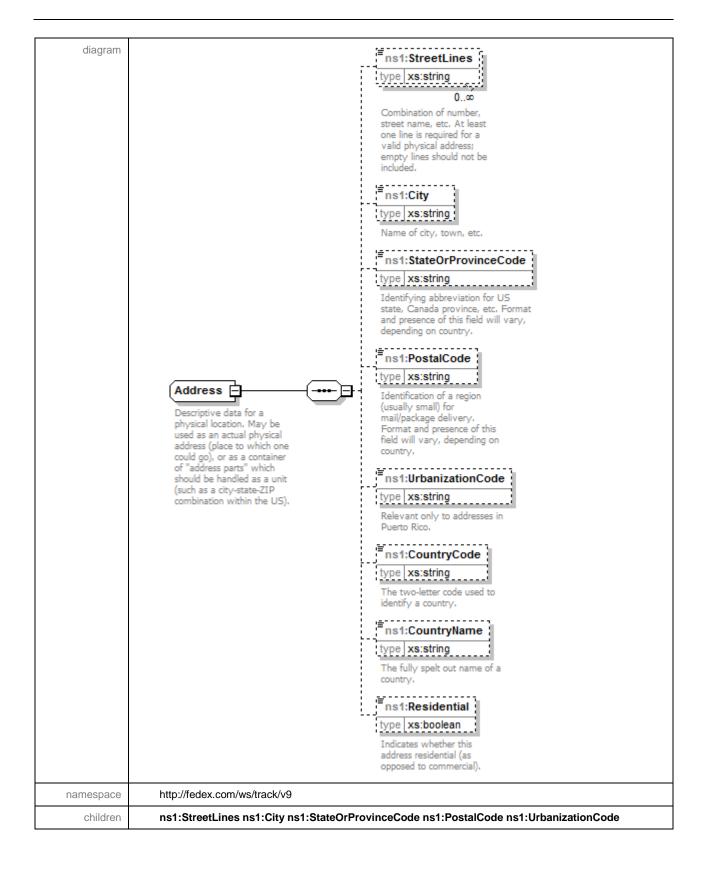
diagram	TrackReply type ns:TrackReply
namespace	http://fedex.com/ws/track/v9
type	ns:TrackReply
source	<pre><xs:element name="TrackReply" type="ns:TrackReply"></xs:element></pre>

### element TrackRequest

diagram	TrackRequest type ns:TrackRequest
namespace	http://fedex.com/ws/track/v9
type	ns:TrackRequest
source	<pre><xs:element name="TrackRequest" type="ns:TrackRequest"></xs:element></pre>

## complexType **Address**



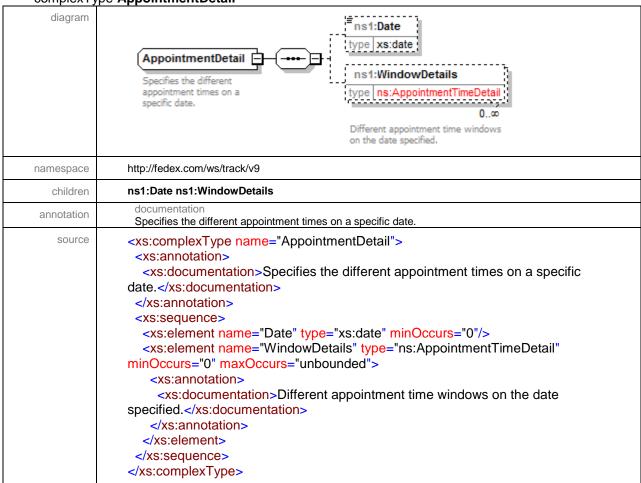




	ns1:CountryCode ns1:CountryName ns1:Residential
annotation	documentation  Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).
source	<pre><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:complextype></pre> <pre></pre>
	<pre><xs:element maxoccurs="unbounded" minoccurs="0" name="StreetLines" type="xs:string"></xs:element></pre>
	<pre>  <xs:element minoccurs="0" name="City" type="xs:string"> <xs:annotation> </xs:annotation></xs:element></pre>
	<pre><xs:documentation>Name of city, town, etc.</xs:documentation>   <xs:element minoccurs="0" name="StateOrProvinceCode" type="xs:string"> <xs:annotation></xs:annotation></xs:element></pre>
	<xs:documentation>Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country. </xs:documentation>
	<xs:element minoccurs="0" name="PostalCode" type="xs:string"> <xs:annotation></xs:annotation></xs:element>
	<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>
	<pre><xs:element minoccurs="0" name="UrbanizationCode" type="xs:string">   <xs:annotation>   <xs:documentation>Relevant only to addresses in Puerto</xs:documentation></xs:annotation></xs:element></pre>
	Rico. <xs:element minoccurs="0" name="CountryCode" type="xs:string"></xs:element>
	<pre><xs:annotation>   <xs:documentation>The two-letter code used to identify a country.</xs:documentation>   </xs:annotation></pre>

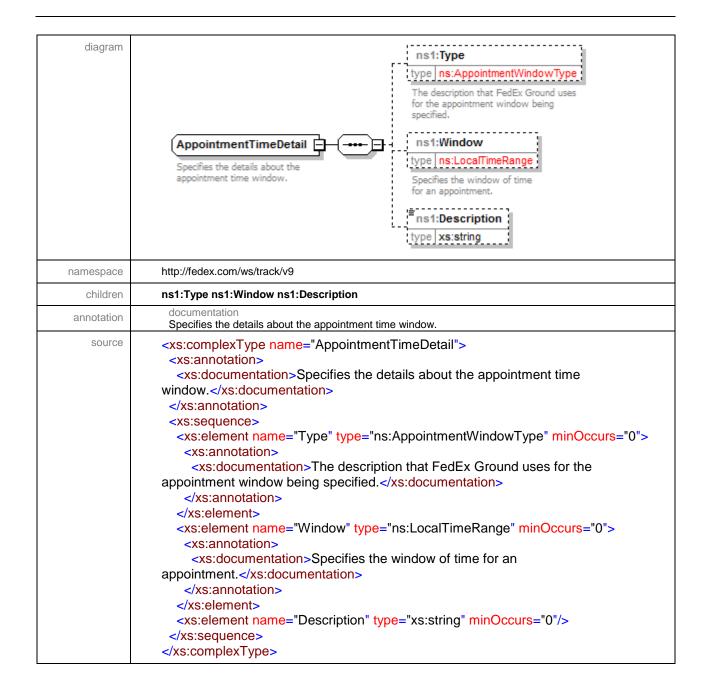


complexType AppointmentDetail



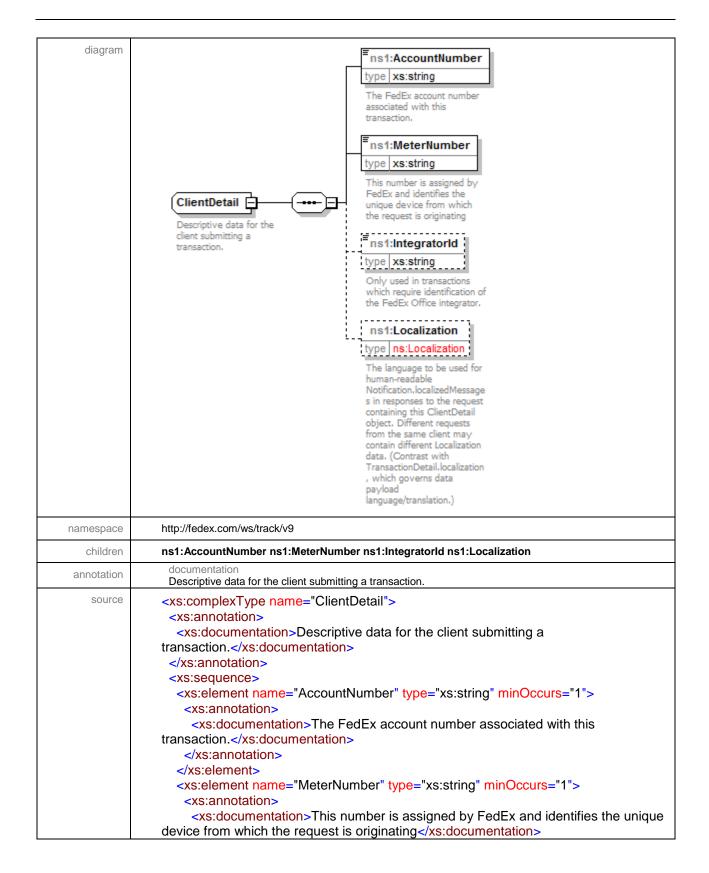
### complexType AppointmentTimeDetail





complexType ClientDetail







```
</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
FedEx 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 Commodity



diagram ns1:CommodityId type xs:string Value used to identify a commodity description; must be unique within the containing shipment. ns1:Name type xs:string ns1:NumberOfPieces type xs:nonNegativeInteger ns1:Description type xs:string ns1:CountryOfManufacture type xs:string ns1:HarmonizedCode type xs:string ns1:Weight type ns:Weight ns1:Quantity type xs:decimal This field is used for ns1:QuantityUnits type xs:string ns1:AdditionalMeasures Commodity Contains only additional quantitative information other than weight and quantity to calculate duties and taxes. ns1:UnitPrice type ns:Money ns1:CustomsValue type ns:Money ns1:ExciseConditions type ns:EdtExciseCondition 0... Defines additional characteristic of commodity used to calculate duties and taxes ns1:ExportLicenseNumber type xs:string ns1:ExportLicenseExpirationDate type xs:date ns1:ClMarksAndNumbers type xs:string ns1:PartNumber type xs:string ns1:NaftaDetail type ns:NaftaCommodityDetail All data required for this commin NAFTA Certificate of Origin

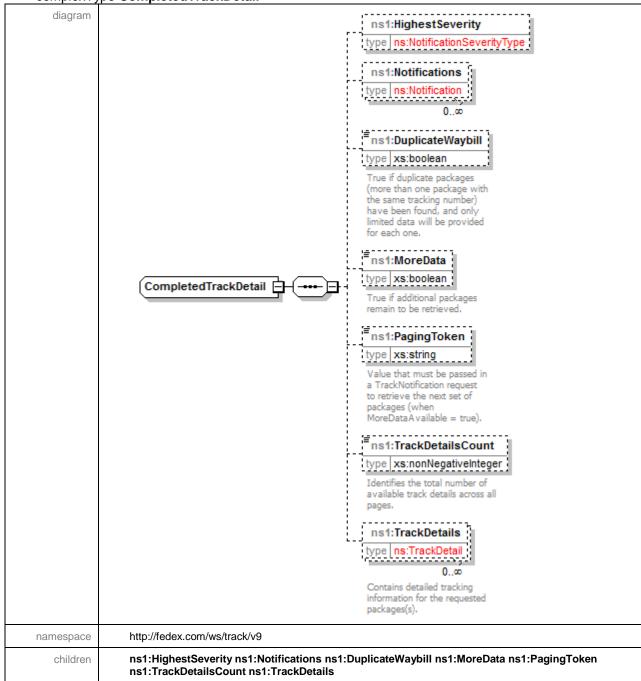


namespace	http://fedex.com/ws/track/v9
children	ns1:CommodityId ns1:Name ns1:NumberOfPieces ns1:Description ns1:CountryOfManufacture ns1:HarmonizedCode ns1:Weight ns1:Quantity ns1:QuantityUnits ns1:AdditionalMeasures ns1:UnitPrice ns1:CustomsValue ns1:ExciseConditions ns1:ExportLicenseNumber ns1:NaftaDetail
source	<pre><xs:complextype name="Commodity">     <xs:sequence>     <xs:element minoccurs="0" name="CommodityId" type="xs:string">          <xs:annotation>          <xs:documentation>Value used to identify a commodity description; must be unique within the containing shipment.</xs:documentation></xs:annotation></xs:element></xs:sequence></xs:complextype></pre> unique within the containing shipment. <xs:element minoccurs="0" name="Name" type="xs:string"></xs:element> <xs:element minoccurs="0" name="NumberOfPieces" type="xs:nonNegativeInteger"></xs:element> <xs:element minoccurs="0" name="Description" type="xs:string"></xs:element> <xs:element minoccurs="0" name="CountryOfManufacture" type="xs:string"></xs:element> <xs:element minoccurs="0" name="HarmonizedCode" type="xs:string"></xs:element>
	<pre><xs:element minoccurs="0" name="Weight" type="ns:Weight"></xs:element></pre>
	<pre>weight and quantity to calculate duties and taxes.</pre> <xs:element minoccurs="0" name="UnitPrice" type="ns:Money"></xs:element> <xs:element minoccurs="0" name="CustomsValue" type="ns:Money"></xs:element> <xs:element maxoccurs="unbounded" minoccurs="0" name="ExciseConditions" type="ns:EdtExciseCondition"> <xs:annotation> <xs:documentation>Defines additional characteristic of commodity used to</xs:documentation></xs:annotation></xs:element>
	calculate duties and taxes



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

complexType CompletedTrackDetail

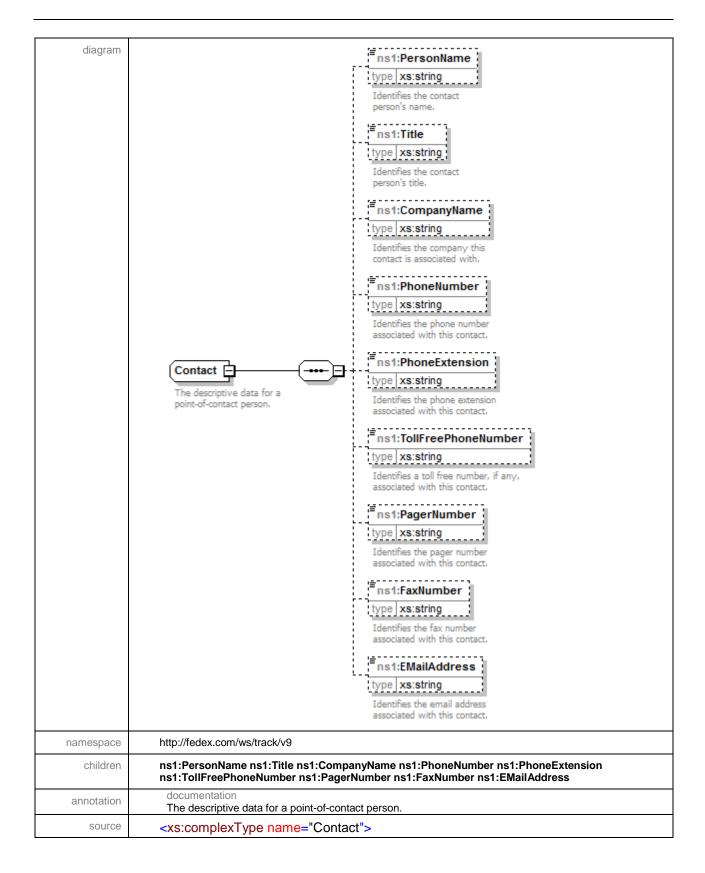




```
source
           <xs:complexType name="CompletedTrackDetail">
            <xs:sequence>
              <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"</p>
           minOccurs="0"/>
              <xs:element name="Notifications" type="ns:Notification" minOccurs="0"</p>
           maxOccurs="unbounded"/>
              <xs:element name="DuplicateWaybill" type="xs:boolean" minOccurs="0">
               <xs:annotation>
                <xs:documentation>True if duplicate packages (more than one package with the
           same tracking number) have been found, and only limited data will be provided for
           each one.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="MoreData" type="xs:boolean" minOccurs="0">
               <xs:annotation>
                <xs:documentation>True if additional packages remain to be
           retrieved.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="PagingToken" type="xs:string" minOccurs="0">
               <xs:annotation>
                <xs:documentation>Value that must be passed in a TrackNotification request to
           retrieve the next set of packages (when MoreDataAvailable =
           true).</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="TrackDetailsCount" type="xs:nonNegativeInteger"</p>
           minOccurs="0">
               <xs:annotation>
                <xs:documentation>Identifies the total number of available track details across
           all pages.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="TrackDetails" type="ns:TrackDetail" minOccurs="0"</p>
           maxOccurs="unbounded">
               <xs:annotation>
                <xs:documentation>Contains detailed tracking information for the requested
           packages(s).</xs:documentation>
               </xs:annotation>
              </xs:element>
            </xs:sequence>
           </xs:complexType>
```

complexType Contact



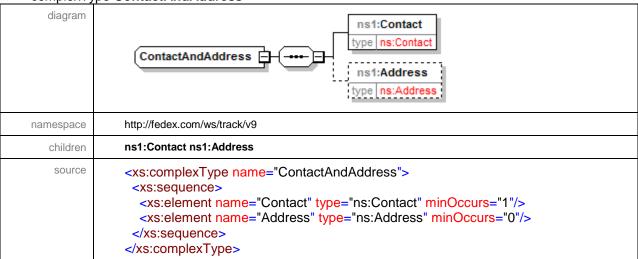




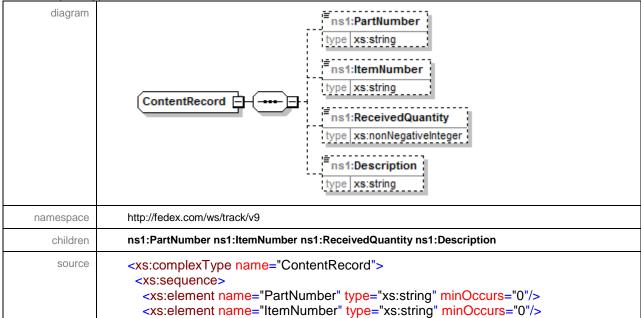
```
<xs:annotation>
  <xs:documentation>The descriptive data for a point-of-contact
person.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="PersonName" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the contact person's name.
   </xs:annotation>
  </xs:element>
  <xs:element name="Title" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the contact person's title.
   </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="TollFreePhoneNumber" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies a toll free number, if any, 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">
```



complexType ContactAndAddress



complexType ContentRecord



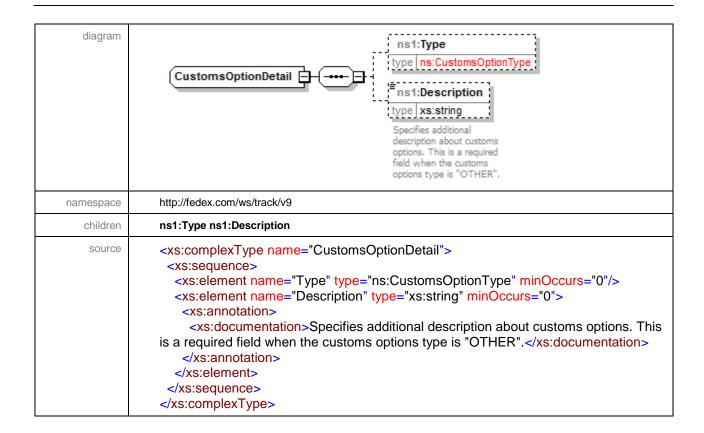


complexType CustomerExceptionRequestDetail diagram ns1:ld type xs:string Unique identifier for the customer exception request. ns1:StatusCode CustomerExceptionRequestDetail type xs:string ns1:StatusDescription xs:string ns1:CreateTime type xs:dateTime http://fedex.com/ws/track/v9 namespace ns1:Id ns1:StatusCode ns1:StatusDescription ns1:CreateTime children source <xs:complexType name="CustomerExceptionRequestDetail"> <xs:sequence> <xs:element name="Id" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Unique identifier for the customer exception request.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="StatusCode" type="xs:string" minOccurs="0"/> <xs:element name="StatusDescription" type="xs:string" minOccurs="0"/> <xs:element name="CreateTime" type="xs:dateTime" minOccurs="0"/>

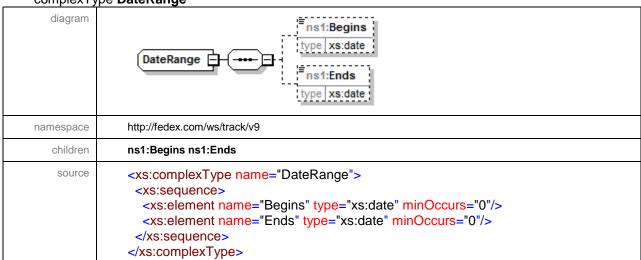
complexType CustomsOptionDetail

</xs:sequence> </xs:complexType>



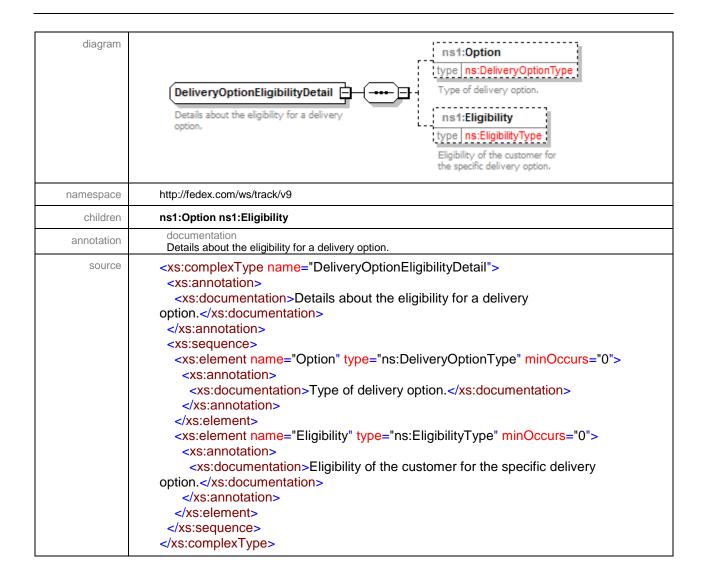


complexType DateRange

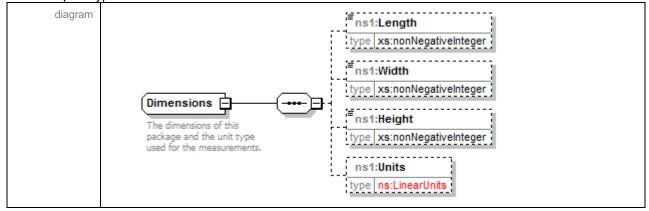


## complexType DeliveryOptionEligibilityDetail





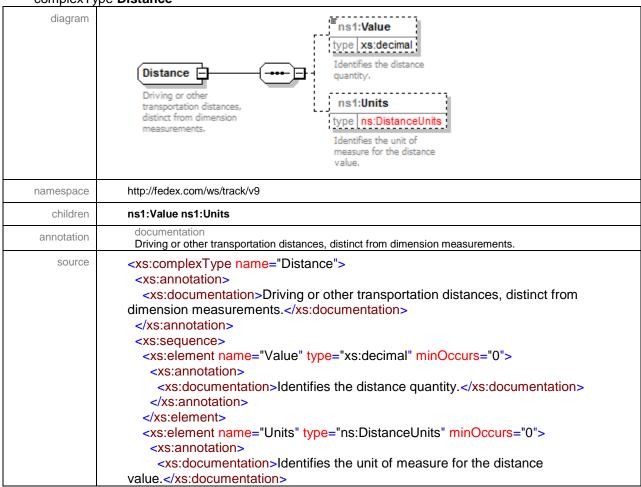
complexType Dimensions





namespace	http://fedex.com/ws/track/v9	
children	ns1:Length ns1:Width ns1:Height ns1:Units	
annotation	documentation The dimensions of this package and the unit type used for the measurements.	
source	<pre><xs:complextype name="Dimensions"></xs:complextype></pre>	

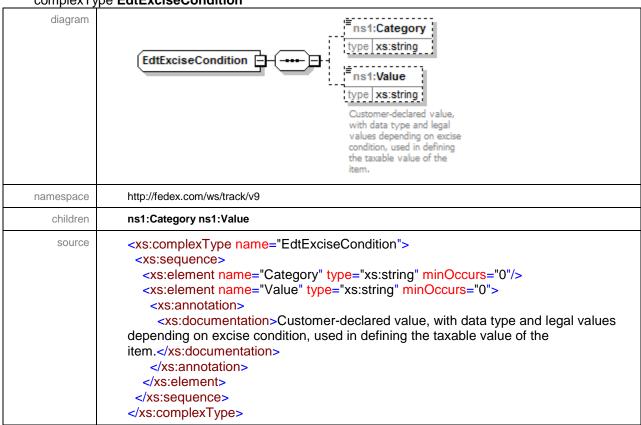
complexType Distance



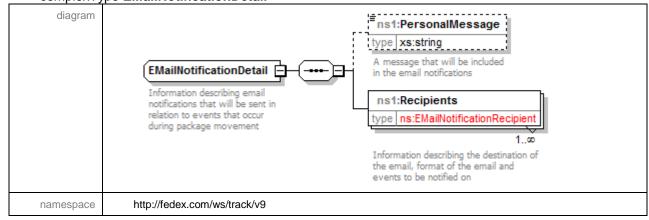


```
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
```

complexType **EdtExciseCondition** 



complexType EMailNotificationDetail

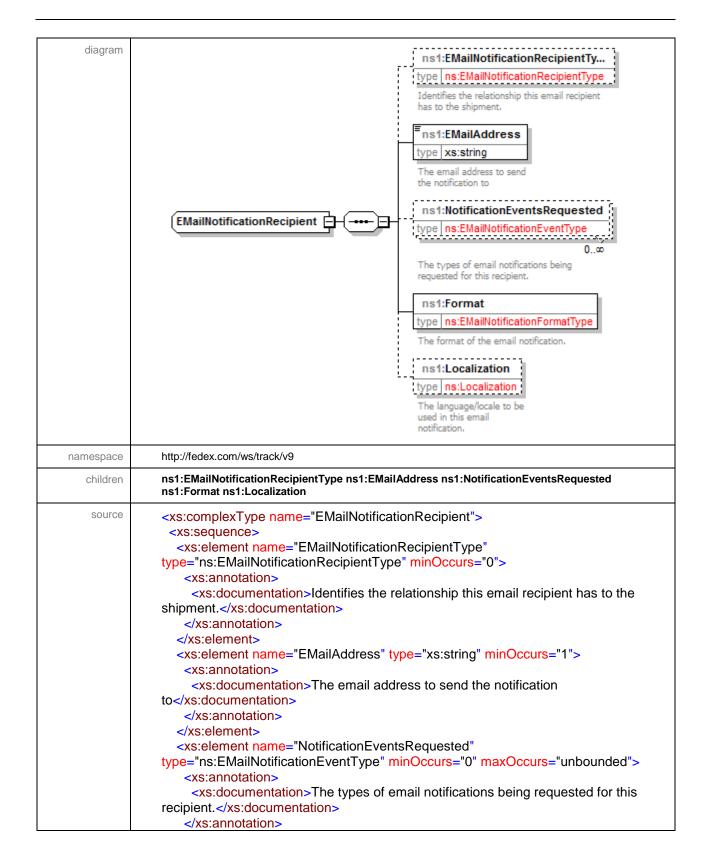




children	ns1:PersonalMessage ns1:Recipients
annotation	documentation Information describing email notifications that will be sent in relation to events that occur during package movement
source	<pre> <xs:complextype name="EMailNotificationDetail"></xs:complextype></pre>

 $complex Type \ \textbf{EMailNotificationRecipient}$ 

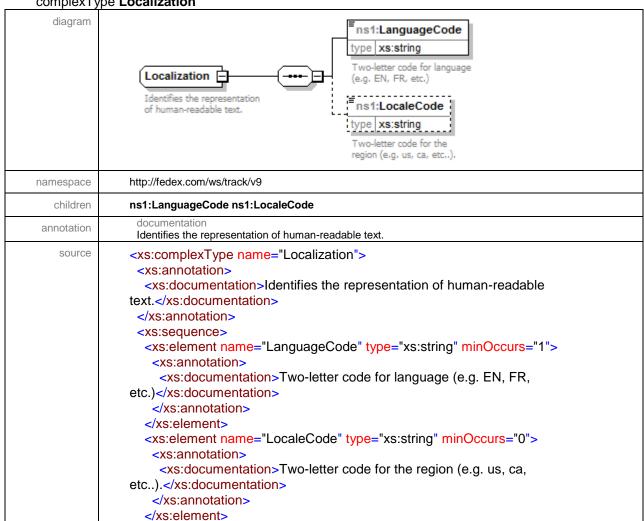






```
</xs:element>
  <xs:element name="Format" type="ns:EMailNotificationFormatType"</p>
minOccurs="1">
   <xs:annotation>
     <xs:documentation>The format of the email notification.
   </xs:annotation>
  </xs:element>
  <xs:element name="Localization" type="ns:Localization" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The language/locale to be used in this email
notification.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

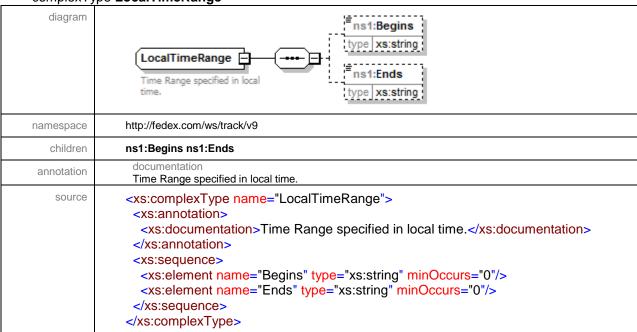
complexType Localization



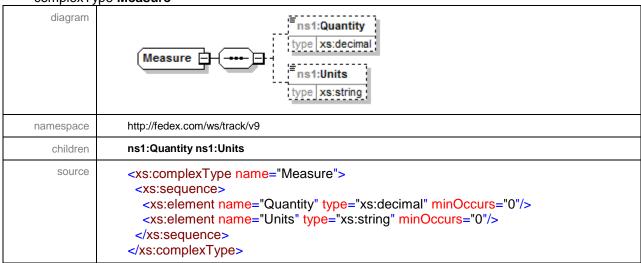


```
</xs:sequence>
</xs:complexType>
```

complexType LocalTimeRange

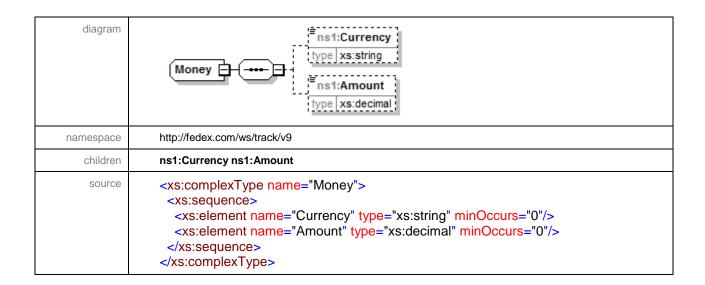


complexType Measure

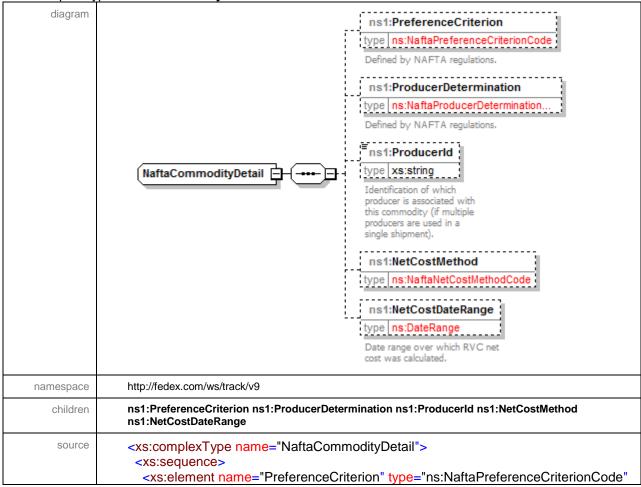


## complexType Money





complexType NaftaCommodityDetail

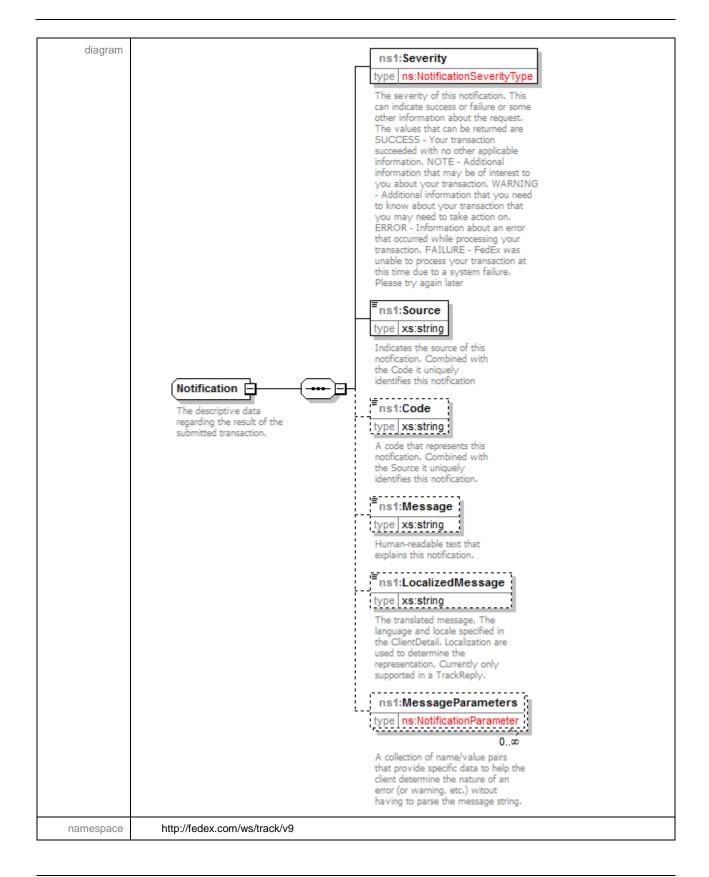




```
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Defined by NAFTA regulations.
   </xs:annotation>
  </xs:element>
  <xs:element name="ProducerDetermination"</p>
type="ns:NaftaProducerDeterminationCode" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Defined by NAFTA regulations.
   </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"</p>
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 Notification



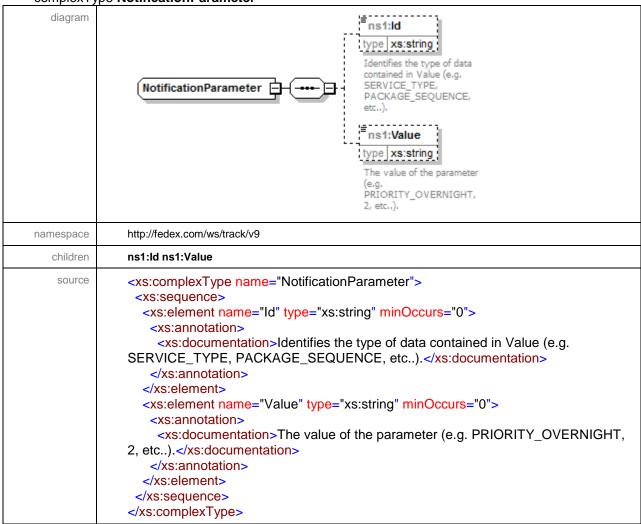




children	children ns1:Severity ns1:Source ns1:Code ns1:Message ns1:LocalizedMessage ns1:MessageParameter annotation documentation The descriptive data regarding the result of the submitted transaction.	
annotation		
source	<pre><xs:complextype name="Notification">   <xs:annotation>   <xs:documentation>The descriptive data regarding the result of the submitted transaction.</xs:documentation></xs:annotation></xs:complextype></pre> <pre></pre>	
	<xs:sequence> <pre></pre></xs:sequence>	
	<pre>   <xs:element minoccurs="1" name="Source" type="xs:string"> <xs:element minoccurs="1" name="Source" type="xs:string"> <xs:annotation> <xs:annotation> Indicates the source of this notification. Combined with the Code it uniquely identifies this notification<!--/xs:documentation--> </xs:annotation> </xs:annotation></xs:element> </xs:element></pre>	
	<pre><xs:element minoccurs="0" name="Code" type="xs:string"></xs:element></pre>	
	<pre><xs:annotation>   <xs:documentation>Human-readable text that explains this notification.</xs:documentation></xs:annotation></pre> <pre> notification.</pre> <xs:element minoccurs="0" name="LocalizedMessage" type="xs:string"> </xs:element>	
	<xs:annotation></xs:annotation>	
	<pre>   <xs:element maxoccurs="unbounded" minoccurs="0" name="MessageParameters" type="ns:NotificationParameter">   <xs:annotation>   <xs:documentation>A collection of name/value pairs that provide specific data to</xs:documentation></xs:annotation></xs:element></pre>	

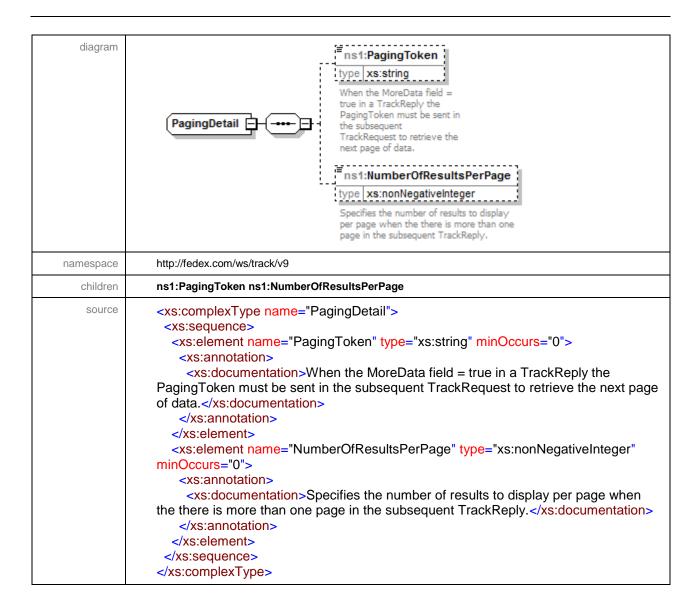


complexType NotificationParameter

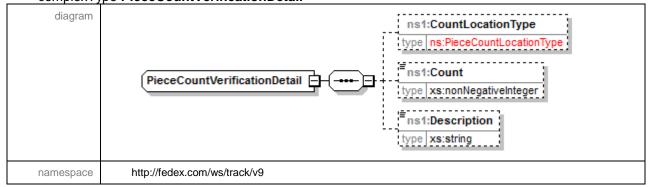


complexType PagingDetail





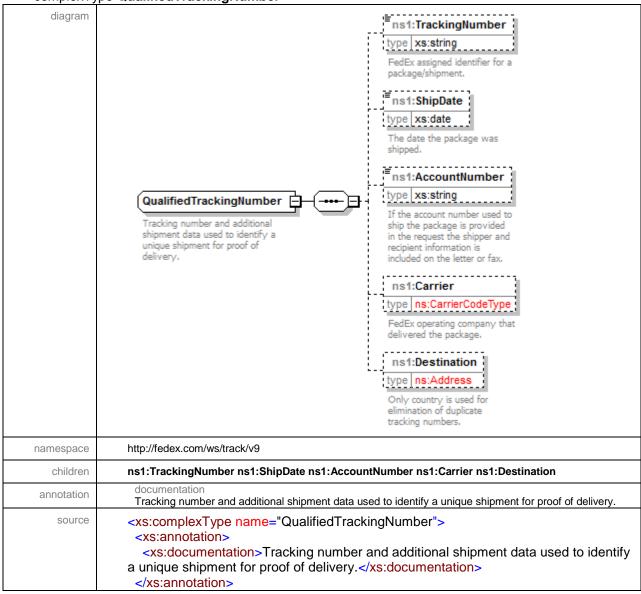
complexType PieceCountVerificationDetail





children	ns1:CountLocationType ns1:Count ns1:Description
source	<pre><xs:complextype name="PieceCountVerificationDetail"></xs:complextype></pre>

 $complex Type \ {\bf Qualified Tracking Number}$ 





```
<xs:sequence>
  <xs:element name="TrackingNumber" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>FedEx assigned identifier for a
package/shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipDate" type="xs:date" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The date the package was shipped.
   </xs:annotation>
  </xs:element>
  <xs:element name="AccountNumber" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>If the account number used to ship the package is provided
in the request the shipper and recipient information is included on the letter or
fax.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Carrier" type="ns:CarrierCodeType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>FedEx operating company that delivered the
package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Destination" type="ns:Address" minOccurs="0">
    <xs:documentation>Only country is used for elimination of duplicate tracking
numbers.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType SendNotificationsReply



diagram ns1:HighestSeverity type ns:NotificationSeverityType This contains the severity type of the most severe Notification in the Notifications array. ns1:Notifications type ns:Notification 1..00 Information about the request/reply such was the transaction successful or not, and any additional information relevant to the request and/or reply. There may be multiple Notifications in a reply. ns1:TransactionDetail type ns:TransactionDetail Contains the OustomerTransactionDetail that is echoed back to the caller for matching requests and replies and a Localization element for defining the language/translation used in the reply data. ns1:Version Contains the version of the reply being used. SendNotificationsReply ns1:DuplicateWaybill type xs:boolean True if duplicate packages (more than one package with the same tracking number) have been found, the packages array contains information about each duplicate. Use this information to determine which of the tracking numbers is the one you need and resend your request using the tracking number TrackingNumberUniqueIdenti fier for that package. <sup>≝</sup>ns1:MoreDataAvailable type xs:boolean True if additional packages remain to be retrieved. ns1:PagingToken type xs:string Value that must be passed in a TrackNotification request to retrieve the next set of packages (when MoreDataAvailable = true). ns1:Packages type ns:TrackNotificationPackage 0..0 Information about the notifications that are available for this tracking number. If there are duplicates the ship date and destination address information is returned for determining which TrackingNumberUniqueIdentifier to use on a subsequent request.



namespace	· · ·	
children		
source	<pre><xs:complextype name="SendNotificationsReply"></xs:complextype></pre>	
	<xs:sequence> <xs:element <="" name="HighestSeverity" td="" type="ns:NotificationSeverityType"></xs:element></xs:sequence>	
	minOccurs="1">	
	<xs:annotation></xs:annotation>	
	<xs:documentation>This contains the severity type of the most severe</xs:documentation>	
	Notification in the Notifications array.	
	<xs:element <="" minoccurs="1" name="Notifications" p="" type="ns:Notification"></xs:element>	
	maxOccurs="unbounded"> <xs:annotation></xs:annotation>	
	<a>xs.amotation&gt;</a> <a>xs:documentation&gt;Information about the request/reply such was the</a>	
	transaction successful or not, and any additional information relevant to the request	
	and/or reply. There may be multiple Notifications in a reply.	
	<xs:element <="" name="TransactionDetail" p="" type="ns:TransactionDetail"></xs:element>	
	minOccurs="0">	
	<xs:annotation> <xs:annotation> Contains the CustomerTransactionDetail that is exhaud</xs:annotation></xs:annotation>	
	<xs:documentation>Contains the CustomerTransactionDetail that is echoed back to the caller for matching requests and replies and a Localization element for</xs:documentation>	
	defining the language/translation used in the reply data.	
	<xs:element minoccurs="1" name="Version" type="ns:VersionId"></xs:element>	
	<xs:annotation></xs:annotation>	
	<xs:documentation>Contains the version of the reply being</xs:documentation>	
	used.	
	<pre><xs:element minoccurs="0" name="DuplicateWaybill" type="xs:boolean"></xs:element></pre>	
	<xs:annotation></xs:annotation>	
	<xs:documentation>True if duplicate packages (more than one package with the</xs:documentation>	
	same tracking number) have been found, the packages array contains information	
	about each duplicate. Use this information to determine which of the tracking	
	numbers is the one you need and resend your request using the tracking number and	
	TrackingNumberUniqueIdentifier for that package.	
	<pre></pre>	
	<xs:annotation></xs:annotation>	
	<xs:documentation>True if additional packages remain to be</xs:documentation>	
	retrieved.	
	<pre><xs:element minoccurs="0" name="PagingToken" type="xs:string"></xs:element></pre>	
	<xs:annotation></xs:annotation>	



```
<xs:documentation>Value that must be passed in a TrackNotification request to
retrieve the next set of packages (when MoreDataAvailable =
true).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Packages" type="ns:TrackNotificationPackage"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Information about the notifications that are available for this
tracking number. If there are duplicates the ship date and destination address
information is returned for determining which TrackingNumberUniqueIdentifier to use
on a subsequent request.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType SendNotificationsRequest



diagram ns1:WebAuthenticationDetail type ns:WebAuthenticationDetail Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services). ns1:ClientDetail Descriptive data identifying the client submitting the ns1:TransactionDetail type ns:TransactionDetail Contains a free form field that is echoed back in the reply to match requests with replies and data that governs the data payload language/translations ns1:Version type ns:VersionId ■ns1:TrackingNumber type xs:string The tracking number to which the notifications will be triggered from. <sup>≡</sup>ns1:MultiPiece type xs:boolean <sup>≝</sup>ns1:PagingToken type xs:string When the MoreData A vailable field is true in a TrackNotificationReply the Paging Token must be sent in the subsequent TrackNotificationRequest to retrieve the next page of data. SendNotificationsRequest ns1:TrackingNumberUniqueld type xs:string Use this field when your original request informs you that there are duplicates of this tracking number. If you get duplicates you will also receive some information about each of the duplicate tracking numbers to enable you to choose one and resend that number along with the Tracking number live insulation set. the TrackingNumberUniqueId to get notifications for that tracking number. ns1:ShipDateRangeBegin type xs:date To narrow the search to a period in time the ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates. ns1:ShipDateRangeEnd type xs:date To narrow the search to a period in time the ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates. ns1:SenderEMailAddress type xs:string Included in the email notification identifying the requester of this notification. ns1:SenderContactName type xs:string ns1:NotificationDetail type ns:EMailNotificationD Who to send the email notification to and for which events. The notificationRecipientType and NotifyOnShipment fields are not used in this request.



namespace	http://fedex.com/ws/track/v9	
children	ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:TrackingNumber ns1:MultiPiece ns1:PagingToken ns1:TrackingNumberUniqueId ns1:ShipDateRangeBegin ns1:ShipDateRangeEnd ns1:SenderEMailAddress ns1:SenderContactName ns1:NotificationDetail	
source	<pre><xs:complextype name="SendNotificationsRequest"></xs:complextype></pre>	
	<pre>    <xs:element minoccurs="0" name="TransactionDetail" type="ns:TransactionDetail"></xs:element></pre>	
	<pre><xs:annotation></xs:annotation></pre>	
	<pre>   <xs:element minoccurs="0" name="PagingToken" type="xs:string">     <xs:annotation>     <xs:documentation>When the MoreDataAvailable field is true in a TrackNotificationReply the PagingToken must be sent in the subsequent TrackNotificationRequest to retrieve the next page of data.</xs:documentation></xs:annotation></xs:element></pre> <pre>TrackNotificationRequest to retrieve the next page of data.</pre> <pre>      <pre>   <pre>   <pre>   <pre>       <pre>        <pre>       <pre>      </pre> <pre>  <pre>      </pre> <pre>   <pre>  <pre>  <pre>  <pre>  <pre>  <pre>  <pre>  <pre>  <pre>         </pre> &lt;</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	

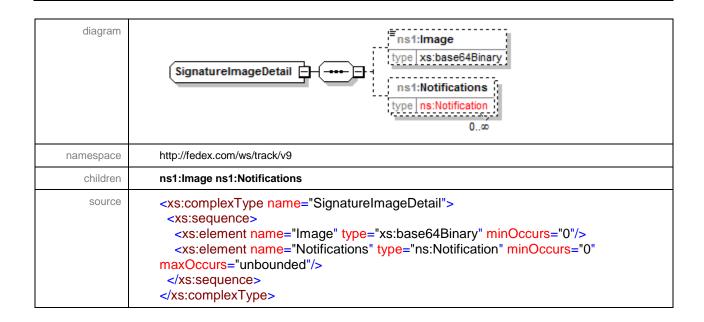


```
some information about each of the duplicate tracking numbers to enable you to
chose one and resend that number along with the TrackingNumberUniqueId to get
notifications for that tracking number.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipDateRangeBegin" type="xs:date" minOccurs="0">
   <xs:annotation>
     <xs:documentation>To narrow the search to a period in time the
ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate
duplicates.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipDateRangeEnd" type="xs:date" minOccurs="0">
   <xs:annotation>
     <xs:documentation>To narrow the search to a period in time the
ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate
duplicates.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SenderEMailAddress" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Included in the email notification identifying the requester of
this notification.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SenderContactName" type="xs:string" minOccurs="1">
   <xs:annotation>
     <xs:documentation>Included in the email notification identifying the requester of
this notification.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="NotificationDetail" type="ns:EMailNotificationDetail"</p>
minOccurs="1">
   <xs:annotation>
     <xs:documentation>Who to send the email notifications to and for which events.
The notificationRecipientType and NotifyOnShipment fields are not used in this
request.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

there are duplicates of this tracking number. If you get duplicates you will also receive

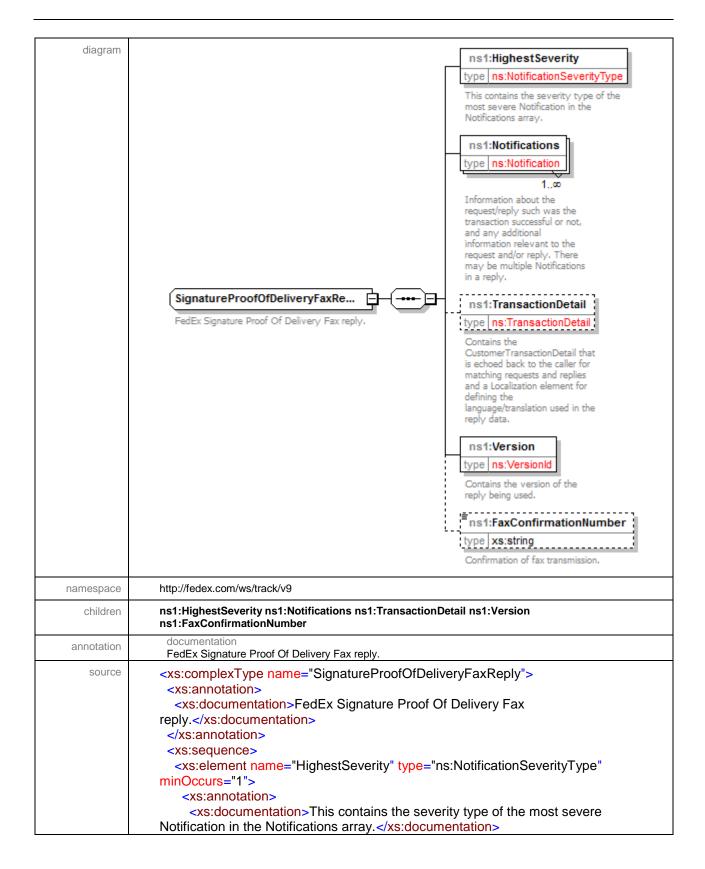
complexType SignatureImageDetail





complexType SignatureProofOfDeliveryFaxReply







```
</xs:annotation>
  </xs:element>
  <xs:element name="Notifications" type="ns:Notification" minOccurs="1"</p>
maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Information about the request/reply such was the
transaction successful or not, and any additional information relevant to the request
and/or reply. There may be multiple Notifications in a reply.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TransactionDetail" type="ns:TransactionDetail"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Contains the CustomerTransactionDetail that is echoed
back to the caller for matching requests and replies and a Localization element for
defining the language/translation used in the reply data.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Version" type="ns:VersionId" minOccurs="1">
   <xs:annotation>
     <xs:documentation>Contains the version of the reply being
used.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="FaxConfirmationNumber" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Confirmation of fax transmission.
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType SignatureProofOfDeliveryFaxRequest



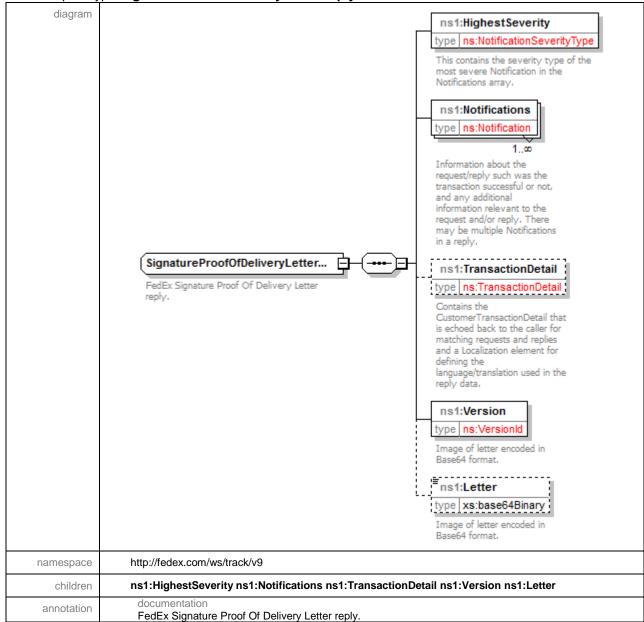
diagram		
diagram		ns1:WebAuthenticationDetail
		type ns:WebAuthenticationDetail
		Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).
		ns1:ClientDetail type ns:ClientDetail  Descriptive data identifying the client submitting the transaction.
		ns1:TransactionDetail  type ns:TransactionDetail  Contains a free form field that is echoed back in the reply to match requests with replies and data that governs the data payload language/translations.
	SignatureProofOfDeliveryFaxRe  FedEx Signature Proof Of Delivery Fax request.	ns1:Version type ns:VersionId The version of the request being used.  ns1:QualifiedTrackingNumber
		type ns:QualifiedTrackingNumber  Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.
		ins1:AdditionalComments  type xs:string  Additional customer-supplied text to be added to the body of the letter.
		type ns:ContactAndAddress  Contact and address information about the person requesting the fax to be sent.
		ns1:FaxRecipient  type ns:ContactAndAddress  Contact and address information, including the fax number, about the person to receive the fax.
namespace	http://fedex.com/ws/track/v9	
children	ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:QualifiedTrackingNumber ns1:AdditionalComments ns1:FaxSender ns1:FaxRecipient	
annotation	documentation FedEx Signature Proof Of Delivery Fax request.	



```
source
           <xs:complexType name="SignatureProofOfDeliveryFaxRequest">
            <xs:annotation>
             <xs:documentation>FedEx Signature Proof Of Delivery Fax
           request.</xs:documentation>
            </xs:annotation>
            <xs:sequence>
             <xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail"</p>
           minOccurs="1">
              <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" minOccurs="1">
               <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"</p>
           minOccurs="0">
              <xs:annotation>
                <xs:documentation>Contains a free form field that is echoed back in the reply to
           match requests with replies and data that governs the data payload
           language/translations.</xs:documentation>
               </xs:annotation>
             </xs:element>
             <xs:element name="Version" type="ns:VersionId" minOccurs="1">
               <xs:annotation>
                <xs:documentation>The version of the request being used.
               </xs:annotation>
             </xs:element>
             <xs:element name="QualifiedTrackingNumber"</pre>
           type="ns:QualifiedTrackingNumber" minOccurs="0">
               <xs:annotation>
                <xs:documentation>Tracking number and additional shipment data used to
           identify a unique shipment for proof of delivery.</xs:documentation>
              </xs:annotation>
             </xs:element>
             <xs:element name="AdditionalComments" type="xs:string" minOccurs="0">
               <xs:annotation>
                <xs:documentation>Additional customer-supplied text to be added to the body of
           the letter.</xs:documentation>
              </xs:annotation>
             </xs:element>
             <xs:element name="FaxSender" type="ns:ContactAndAddress" minOccurs="0">
               <xs:annotation>
                <xs:documentation>Contact and address information about the person
           requesting the fax to be sent.</xs:documentation>
               </xs:annotation>
             </xs:element>
```



complexType SignatureProofOfDeliveryLetterReply





```
source
           <xs:complexType name="SignatureProofOfDeliveryLetterReply">
            <xs:annotation>
              <xs:documentation>FedEx Signature Proof Of Delivery Letter
           reply.</xs:documentation>
            </xs:annotation>
            <xs:sequence>
              <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"</p>
           minOccurs="1">
               <xs:annotation>
                <xs:documentation>This contains the severity type of the most severe
           Notification in the Notifications array.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="Notifications" type="ns:Notification" minOccurs="1"</p>
           maxOccurs="unbounded">
               <xs:annotation>
                <xs:documentation>Information about the request/reply such was the
           transaction successful or not, and any additional information relevant to the request
           and/or reply. There may be multiple Notifications in a reply.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="TransactionDetail" type="ns:TransactionDetail"</p>
           minOccurs="0">
               <xs:annotation>
                <xs:documentation>Contains the CustomerTransactionDetail that is echoed
           back to the caller for matching requests and replies and a Localization element for
           defining the language/translation used in the reply data.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="Version" type="ns:VersionId" minOccurs="1">
               <xs:annotation>
                <xs:documentation>Image of letter encoded in Base64
           format.</xs:documentation>
               </xs:annotation>
              </xs:element>
              <xs:element name="Letter" type="xs:base64Binary" minOccurs="0">
               <xs:annotation>
                <xs:documentation>Image of letter encoded in Base64
           format.</xs:documentation>
               </xs:annotation>
              </xs:element>
            </xs:sequence>
           </xs:complexType>
```

complexType SignatureProofOfDeliveryLetterRequest



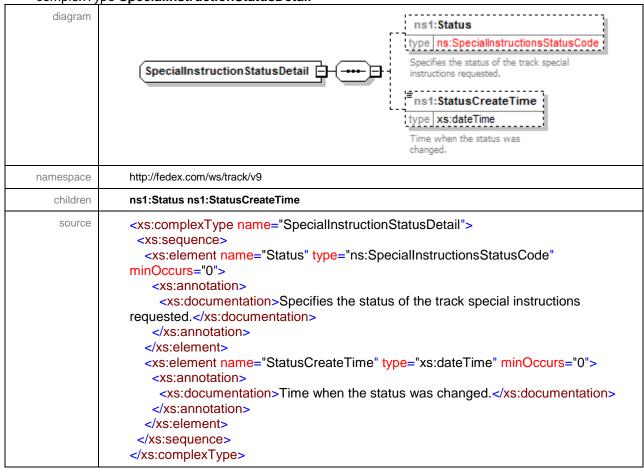
diagram		
diagram	,	ns1:WebAuthenticationDetail
		type ns:WebAuthenticationDetail
		Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).
		ns1:ClientDetail type ns:ClientDetail  Descriptive data identifying the client submitting the
		ns1:TransactionDetail type ns:TransactionDetail
		Contains a free form field that is echoed back in the reply to match requests with replies and data that governs the data payload language/translations.
	SignatureProofOfDeliveryLetter FedEx Signature Proof Of Delivery Letter	ns1:Version type ns:VersionId  The version of the request being used.
	request.	ns1:QualifiedTrackingNumber type ns:QualifiedTrackingNumber
		Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.
		type   xs:string  Additional customer-supplied text to be added to the body of the letter.
		ns1:LetterFormat type ns:SignatureProofOfDeliveryIma
		Identifies the set of SPOD image types.  ns1:Consignee
	-	type ns:ContactAndAddress  If provided this information will be print on the letter.
namespac e	http://fedex.com/ws/track/v9	
children	ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:QualifiedTrackingNumber ns1:AdditionalComments ns1:LetterFormat ns1:Consignee	
annotation	documentation FedEx Signature Proof Of Delivery Letter request.	
source	<xs:complextype name="SignatureProofOfDelive">xs:complexType name="SignatureProofOfDelive"&gt;xs:complexType na</xs:complextype>	eryLetterRequest">



```
<xs:annotation>
  <xs:documentation>FedEx Signature Proof Of Delivery Letter
request.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail"</p>
minOccurs="1">
   <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" minOccurs="1">
   <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"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Contains a free form field that is echoed back in the reply to
match requests with replies and data that governs the data payload
language/translations.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Version" type="ns:VersionId" minOccurs="1">
   <xs:annotation>
    <xs:documentation>The version of the request being used.
   </xs:annotation>
  </xs:element>
  <xs:element name="QualifiedTrackingNumber"</p>
type="ns:QualifiedTrackingNumber" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Tracking number and additional shipment data used to
identify a unique shipment for proof of delivery.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AdditionalComments" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Additional customer-supplied text to be added to the body of
the letter.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="LetterFormat" type="ns:SignatureProofOfDeliveryImageType"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the set of SPOD image types.
   </xs:annotation>
  </xs:element>
  <xs:element name="Consignee" type="ns:ContactAndAddress" minOccurs="0">
```

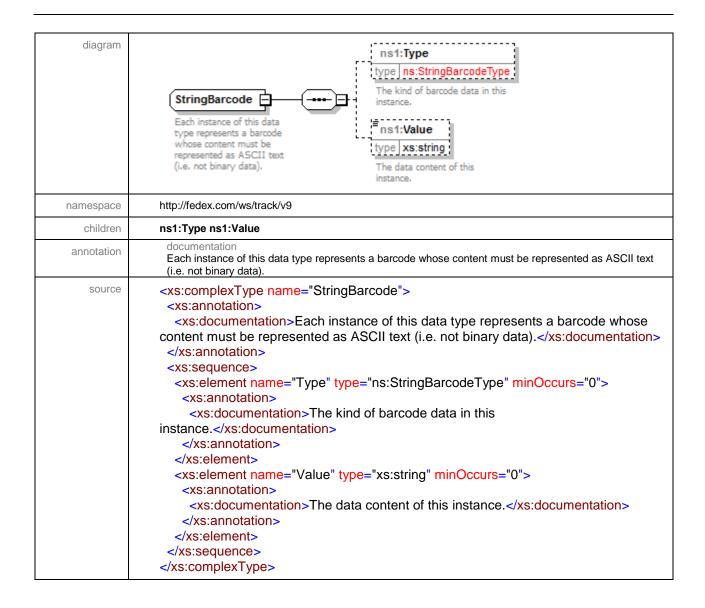


complexType SpecialInstructionStatusDetail



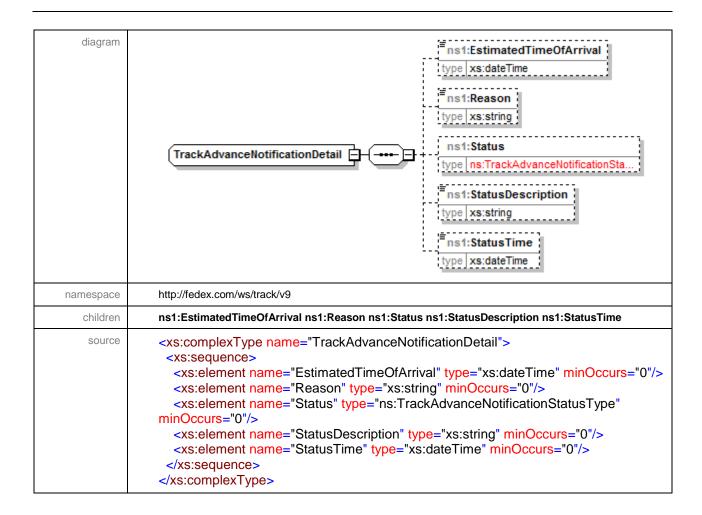
## complexType StringBarcode



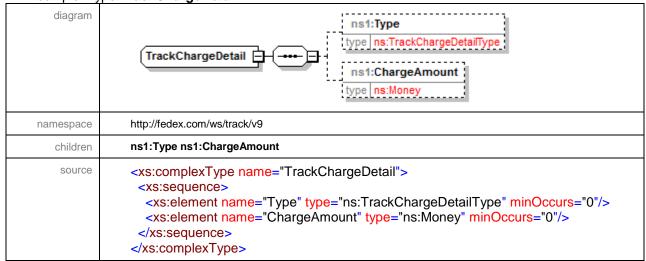


complexType TrackAdvanceNotificationDetail





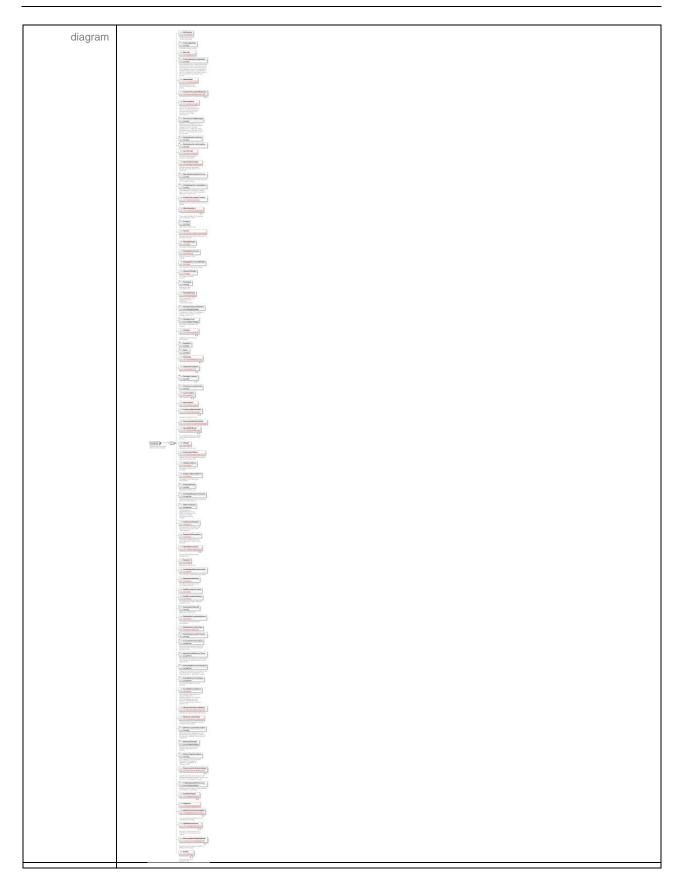
complexType TrackChargeDetail





complexType TrackDetail







namespace	http://fedex.com/ws/track/v9
children	ns1:Notification ns1:TrackingNumber ns1:Barcode ns1:TrackingNumberUniqueldentifier ns1:StatusDetail ns1:CustomerExceptionRequests ns1:Reconciliation ns1:ServiceCommitMessage ns1:DestinationServiceArea ns1:DestinationServiceAreaDescription ns1:CarrierCode ns1:OperatingCompany ns1:OperatingCompanyOrCarrierDescription ns1:CartageAgentCompanyName ns1:ProductionLocationContactAndAddress ns1:OtherIdentifiers ns1:FormId ns1:Service ns1:PackageWeight ns1:PackageDimensions ns1:PackageDimensionalWeight ns1:ShipmentWeight ns1:Packaging ns1:PackagingType ns1:PackageSequenceNumber ns1:PackageCount ns1:Charges ns1:NickName ns1:Notes ns1:Attributes ns1:ShipmentContents ns1:PackageContents ns1:ClearanceLocationCode ns1:Commodities ns1:ReturnDetail ns1:CustomsOptionDetails ns1:AdvanceNotificationDetail ns1:SpecialHandlings ns1:Shipper ns1:PossessionStatus ns1:ShipperAddress ns1:OriginLocationAddress ns1:OriginStationId ns1:EstimatedPickupTimestamp ns1:ShipTimestamp ns1:TotalTransitDistance ns1:DistanceToDestinationAddress ns1:Recipient ns1:LastUpdatedDestinationAddress ns1:DestinationAddress ns1:DestinationAddress ns1:DestinationLocationStationId ns1:DestinationLocationContact ns1:HoldAtLocationAddress ns1:DestinationStationId ns1:DestinationLocationTimeZoneOffset ns1:CommitmentTimestamp ns1:AppointmentDeliveryTimestamp ns1:EstimatedDeliveryTimestamp ns1:ActualDeliveryTimestamp ns1:EstimatedDeliveryTimestamp ns1:ActualDeliveryUocationType ns1:DeliveryAddress ns1:OeliveryAttempts ns1:DeliverySignatureName ns1:DeliveryLocationDescription ns1:DeliveryAttempts ns1:DeliverySignatureName ns1:PieceCountVerificationDetails ns1:Signature ns1:NotificationEventsAvailable ns1:SplitShipmentParts ns1:DeliveryOptionEligibilityDetails ns1:Events
annotation	documentation Detailed tracking information about a particular package.
source	<pre>cvs:complexType name="TrackDetail"&gt;</pre>



```
<xs:element name="StatusDetail" type="ns:TrackStatusDetail" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies details about the status of the shipment being
tracked.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CustomerExceptionRequests"</p>
type="ns:CustomerExceptionRequestDetail" minOccurs="0"
maxOccurs="unbounded"/>
  <xs:element name="Reconciliation" type="ns:TrackReconciliation" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Used to report the status of a piece of a multiple piece
shipment which is no longer traveling with the rest of the packages in the shipment or
has not been accounted for.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ServiceCommitMessage" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Used to convey information such as. 1. FedEx has received
information about a package but has not yet taken possession of it. 2. FedEx has
handed the package off to a third party for final delivery. 3. The package delivery has
been cancelled</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DestinationServiceArea" type="xs:string" minOccurs="0"/>
  <xs:element name="DestinationServiceAreaDescription" type="xs:string"</p>
minOccurs="0"/>
  <xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Identifies a FedEx operating company
(transportation).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OperatingCompany" type="ns:OperatingCompanyType"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Identifies operating transportation company that is the
specific to the carrier code.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OperatingCompanyOrCarrierDescription" type="xs:string"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies a detailed description about the carrier or the
operating company.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CartageAgentCompanyName" type="xs:string"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>If the package was interlined to a cartage agent, this is the
name of the cartage agent. (Returned for CSR SL only.)</xs:documentation>
```



```
</xs:annotation>
  </xs:element>
  <xs:element name="ProductionLocationContactAndAddress"</p>
type="ns:ContactAndAddress" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Specifies the FXO production centre contact and
address.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OtherIdentifiers" type="ns:TrackOtherIdentifierDetail"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Other related identifiers for this package such as reference
numbers.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="FormId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>(Returned for CSR SL only.)
   </xs:annotation>
  </xs:element>
  <xs:element name="Service" type="ns:TrackServiceDescriptionDetail"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Specifies details about service such as service description
and type.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackageWeight" type="ns:Weight" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The weight of this package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackageDimensions" type="ns:Dimensions" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Physical dimensions of the package.
   </xs:annotation>
  </xs:element>
  <xs:element name="PackageDimensionalWeight" type="ns:Weight"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>The dimensional weight of the
package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipmentWeight" type="ns:Weight" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The weight of the entire shipment.
   </xs:annotation>
  </xs:element>
  <xs:element name="Packaging" type="xs:string" minOccurs="0">
```



```
<xs:documentation>Retained for legacy compatibility only.
   </xs:annotation>
  </xs:element>
  <xs:element name="PackagingType" type="ns:PackagingType" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Strict representation of the Packaging type (e.g.
FEDEX BOX, YOUR PACKAGING).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackageSequenceNumber" type="xs:nonNegativeInteger"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>The sequence number of this package in a shipment. This
would be 2 if it was package number 2 of 4.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PackageCount" type="xs:nonNegativeInteger"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>The number of packages in this
shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Charges" type="ns:TrackChargeDetail" minOccurs="0"</p>
maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Specifies the details about the SPOC
details.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="NickName" type="xs:string" minOccurs="0"/>
  <xs:element name="Notes" type="xs:string" minOccurs="0"/>
  <xs:element name="Attributes" type="ns:TrackDetailAttributeType" minOccurs="0"</p>
maxOccurs="unbounded"/>
  <xs:element name="ShipmentContents" type="ns:ContentRecord" minOccurs="0"</p>
maxOccurs="unbounded"/>
  <xs:element name="PackageContents" type="xs:string" minOccurs="0"</p>
maxOccurs="unbounded"/>
  <xs:element name="ClearanceLocationCode" type="xs:string" minOccurs="0"/>
  <xs:element name="Commodities" type="ns:Commodity" minOccurs="0"</p>
maxOccurs="unbounded"/>
  <xs:element name="ReturnDetail" type="ns:TrackReturnDetail" minOccurs="0"/>
  <xs:element name="CustomsOptionDetails" type="ns:CustomsOptionDetail"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Specifies the reason for return.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AdvanceNotificationDetail"</p>
type="ns:TrackAdvanceNotificationDetail" minOccurs="0"/>
  <xs:element name="SpecialHandlings" type="ns:TrackSpecialHandling"</p>
minOccurs="0" maxOccurs="unbounded">
```



```
<xs:annotation>
    <xs:documentation>List of special handlings that applied to this package.
(Returned for CSR SL only.)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Shipper" type="ns:Contact" minOccurs="0">
   <xs:annotation>
    <xs:documentation>(Returned for CSR SL only.)
   </xs:annotation>
  </xs:element>
  <xs:element name="PossessionStatus" type="ns:TrackPossessionStatusType"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Indicates last-known possession of package (Returned for
CSR SL only.)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipperAddress" type="ns:Address" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The address information for the
shipper.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OriginLocationAddress" type="ns:Address" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The address of the FedEx pickup
location/facility.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OriginStationId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>(Returned for CSR SL only.)
   </xs:annotation>
  </xs:element>
  <xs:element name="EstimatedPickupTimestamp" type="xs:dateTime"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Estimated package pickup time for shipments that haven't
been picked up.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipTimestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Time package was shipped/tendered over to FedEx. Time
portion will be populated if available, otherwise will be set to
midnight.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TotalTransitDistance" type="ns:Distance" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The distance from the origin to the destination. Returned for
Custom Critical shipments.</xs:documentation>
```



```
</xs:annotation>
  </xs:element>
  <xs:element name="DistanceToDestination" type="ns:Distance" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Total distance package still has to travel. Returned for
Custom Critical shipments.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SpecialInstructions" type="ns:TrackSpecialInstruction"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Provides additional details about package
delivery.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Recipient" type="ns:Contact" minOccurs="0">
   <xs:annotation>
    <xs:documentation>(Returned for CSR SL only.)
   </xs:annotation>
  </xs:element>
  <xs:element name="LastUpdatedDestinationAddress" type="ns:Address"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>This is the latest updated destination
address.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DestinationAddress" type="ns:Address" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The address this package is to be (or has been)
delivered.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="HoldAtLocationContact" type="ns:Contact" minOccurs="0"/>
  <xs:element name="HoldAtLocationAddress" type="ns:Address" minOccurs="0">
    <xs:documentation>The address this package is requested to placed on
hold.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DestinationStationId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>(Returned for CSR SL only.)
   </xs:annotation>
  </xs:element>
  <xs:element name="DestinationLocationAddress" type="ns:Address"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>The address of the FedEx delivery
location/facility.</xs:documentation>
   </xs:annotation>
  </xs:element>
```



```
<xs:element name="DestinationLocationType" type="ns:FedExLocationType"</p>
minOccurs="0"/>
  <xs:element name="DestinationLocationTimeZoneOffset" type="xs:string"</p>
minOccurs="0"/>
  <xs:element name="CommitmentTimestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Date and time the package should be (or should have been)
delivered. (Returned for CSR SL only.)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AppointmentDeliveryTimestamp" type="xs:dateTime"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Date and time the package would be delivered if the
package has appointment delivery as a special service.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="EstimatedDeliveryTimestamp" type="xs:dateTime"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Projected package delivery time based on ship time stamp.
service and destination. Not populated if delivery has already
occurred.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ActualDeliveryTimestamp" type="xs:dateTime"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>The time the package was actually
delivered.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ActualDeliveryAddress" type="ns:Address" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Actual address where package was delivered. Differs from
destinationAddress, which indicates where the package was to be delivered; This
field tells where delivery actually occurred (next door, at station,
etc.)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="OfficeOrderDeliveryMethod"</p>
type="ns:OfficeOrderDeliveryMethodType" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Identifies the method of office order
delivery.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DeliveryLocationType" type="ns:TrackDeliveryLocationType"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Strict text indicating the delivery location at the delivered to
address.</xs:documentation>
```



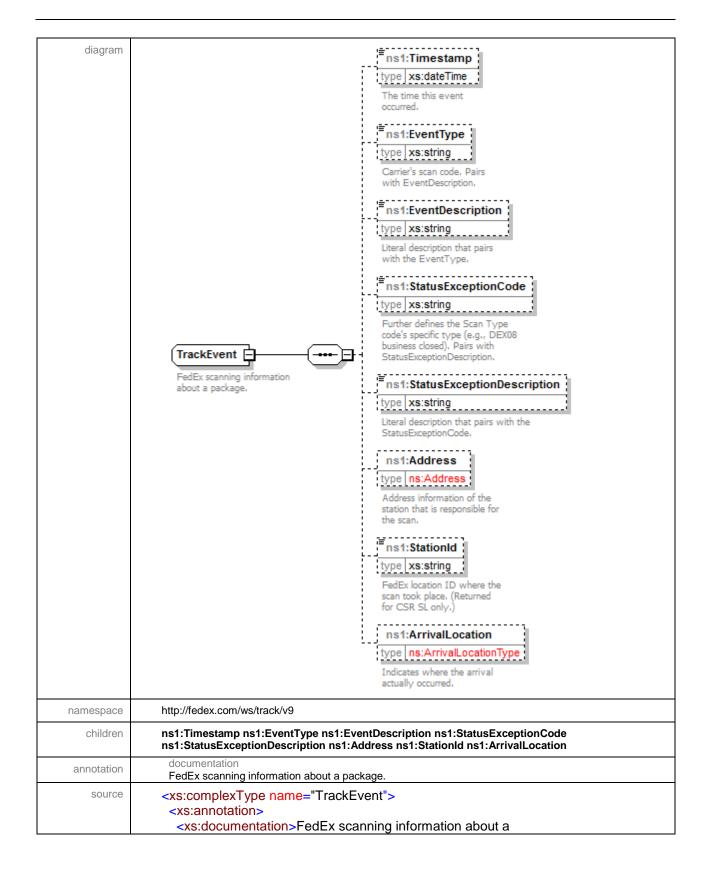
```
</xs:annotation>
  </xs:element>
  <xs:element name="DeliveryLocationDescription" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>User/screen friendly representation of the
DeliveryLocationType (delivery location at the delivered to address). Can be returned
in localized text.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DeliveryAttempts" type="xs:nonNegativeInteger"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies the number of delivery attempts made to deliver
the shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="DeliverySignatureName" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>This is either the name of the person that signed for the
package or "Signature not requested" or "Signature on file".</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PieceCountVerificationDetails"</p>
type="ns:PieceCountVerificationDetail" minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Specifies the details about the count of the packages
delivered at the delivery location and the count of the packages at the
origin.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TotalUniqueAddressCountInConsolidation"</p>
type="xs:nonNegativeInteger" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies the total number of unique addresses on the
CRNs in a consolidation.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="AvailableImages" type="ns:AvailableImageType"</p>
minOccurs="0" maxOccurs="unbounded"/>
  <xs:element name="Signature" type="ns:SignatureImageDetail" minOccurs="0"/>
  <xs:element name="NotificationEventsAvailable"</p>
type="ns:EMailNotificationEventType" minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>The types of email notifications that are available for the
package.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SplitShipmentParts" type="ns:TrackSplitShipmentPart"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Returned for cargo shipments only when they are currently
split across vehicles.</xs:documentation>
```



```
</xs:annotation>
  </xs:element>
  <xs:element name="DeliveryOptionEligibilityDetails"</p>
type="ns:DeliveryOptionEligibilityDetail" minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
    <xs:documentation>Specifies the details about the eligibility for different delivery
options.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Events" type="ns:TrackEvent" minOccurs="0"</p>
maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Event information for a tracking
number.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType TrackEvent







```
package.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="Timestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The time this event occurred.
   </xs:annotation>
  </xs:element>
  <xs:element name="EventType" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Carrier's scan code. Pairs with
EventDescription.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="EventDescription" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Literal description that pairs with the
EventType.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="StatusExceptionCode" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Further defines the Scan Type code's specific type (e.g.,
DEX08 business closed). Pairs with StatusExceptionDescription.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="StatusExceptionDescription" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Literal description that pairs with the
StatusExceptionCode.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Address" type="ns:Address" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Address information of the station that is responsible for the
scan.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="StationId" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>FedEx location ID where the scan took place. (Returned for
CSR SL only.)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ArrivalLocation" type="ns:ArrivalLocationType"</p>
minOccurs="0">
   <xs:annotation>
    <xs:documentation>Indicates where the arrival actually
occurred.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
```



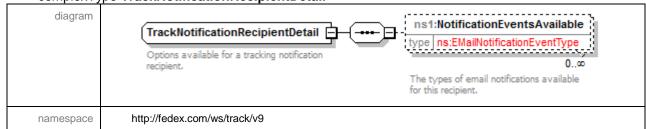
</xs:complexType>

complexType TrackNotificationPackage diagram ns1:TrackingNumber type xs:string FedEx assigned identifier for a package/shipment. ns1:TrackingNumberUniquelden... type xs:string When duplicate tracking numbers exist this data is returned with summary information for each of the duplicates. The summary information is used to determine which of the duplicates the intended tracking number is. This identifier is used on a subsequent track request to retrieve the tracking data for the desired tracking number. ns1:CarrierCode type ns:CarrierCodeType TrackNotificationPackage Identification of a FedEx operating company (transportation). ns1:ShipDate type xs:date The date the package was shipped (tendered to FedEx). ns1:Destination type ns:Address The destination address of this package. Only city, state/province, and country are returned. ns1:RecipientDetails type ns:TrackNotificationRecipientDetail 0..∞ Options available for a tracking notification recipient. namespace http://fedex.com/ws/track/v9 ns1:TrackingNumber ns1:TrackingNumberUniqueIdentifiers ns1:CarrierCode ns1:ShipDate children ns1:Destination ns1:RecipientDetails source <xs:complexType name="TrackNotificationPackage"> <xs:sequence> <xs:element name="TrackingNumber" type="xs:string" minOccurs="0"> <xs:documentation>FedEx assigned identifier for a



```
package/shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TrackingNumberUniqueIdentifiers" type="xs:string"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>When duplicate tracking numbers exist this data is returned
with summary information for each of the duplicates. The summary information is
used to determine which of the duplicates the intended tracking number is. This
identifier is used on a subsequent track request to retrieve the tracking data for the
desired tracking number.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Identification of a FedEx operating company
(transportation).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ShipDate" type="xs:date" minOccurs="0">
     <xs:documentation>The date the package was shipped (tendered to
FedEx).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Destination" type="ns:Address" minOccurs="0">
     <xs:documentation>The destination address of this package. Only city,
state/province, and country are returned.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="RecipientDetails" type="ns:TrackNotificationRecipientDetail"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Options available for a tracking notification
recipient.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

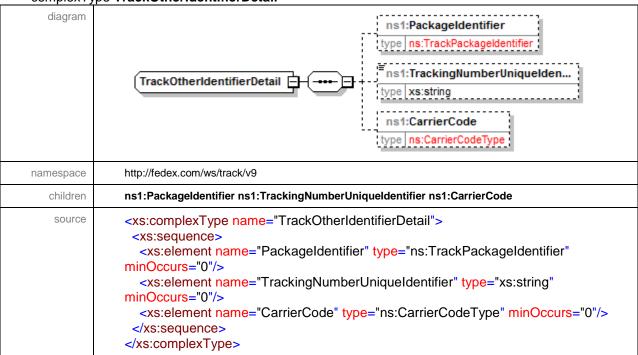
#### complexType TrackNotificationRecipientDetail





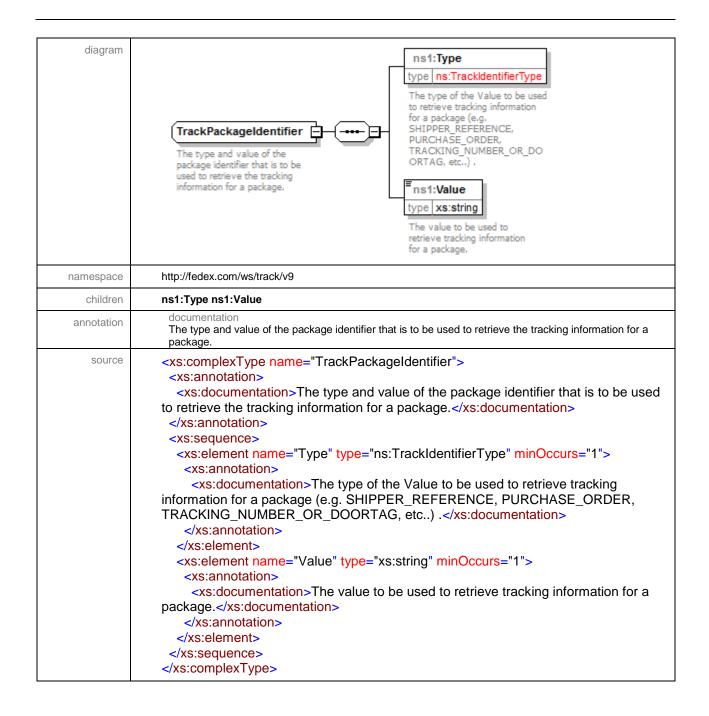
children	ns1:NotificationEventsAvailable
annotation	documentation Options available for a tracking notification recipient.
source	<pre><xs:complextype name="TrackNotificationRecipientDetail"></xs:complextype></pre>

complexType TrackOtherIdentifierDetail



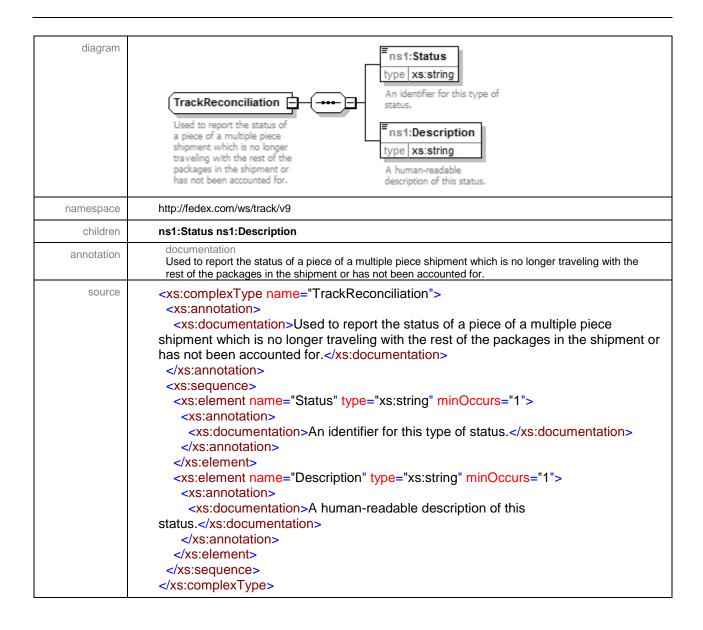
### complexType TrackPackageIdentifier





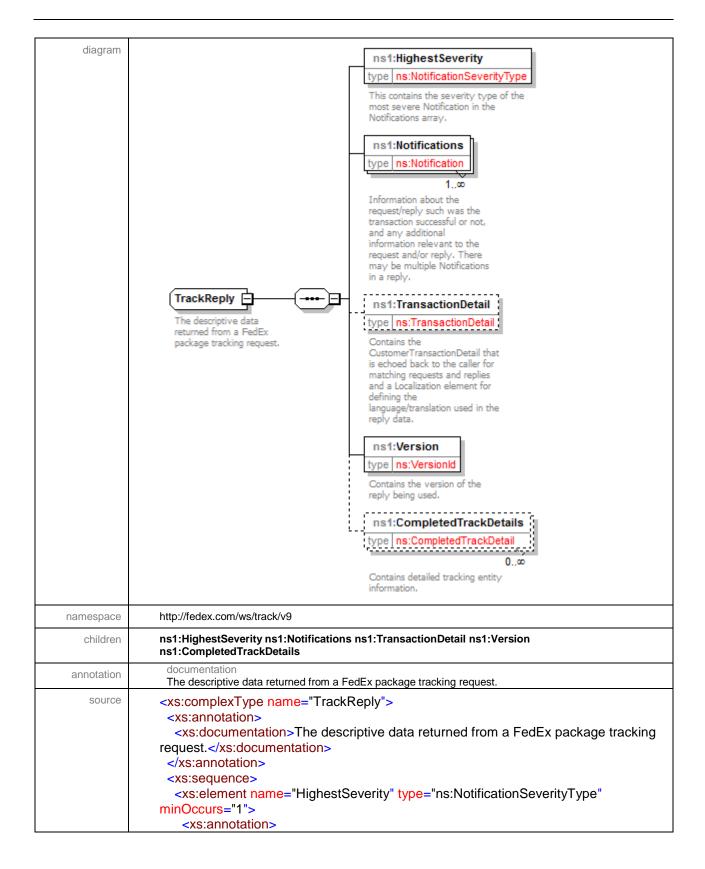
#### complexType TrackReconciliation





complexType TrackReply



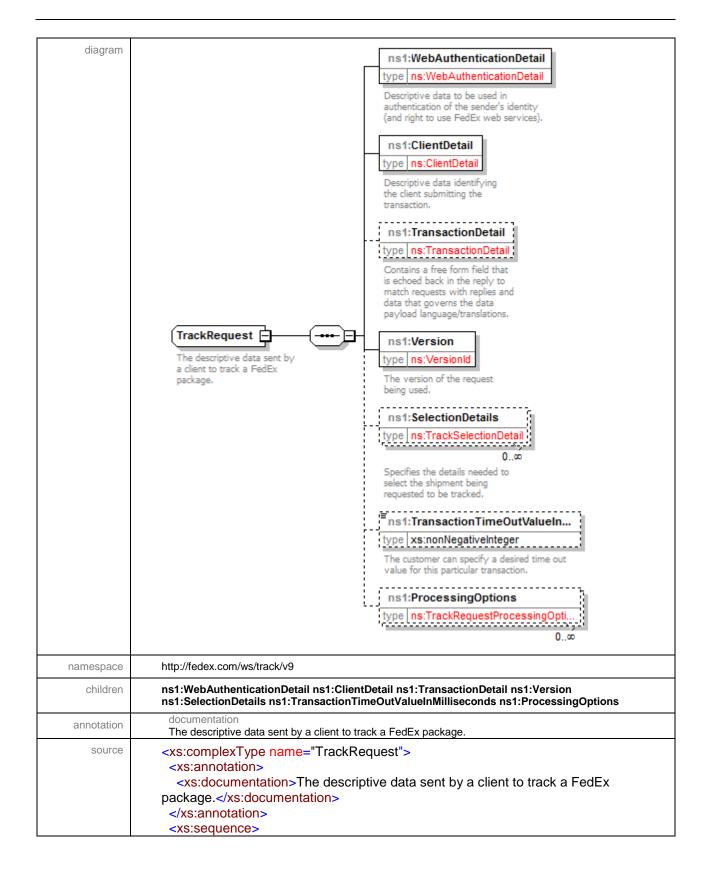




```
<xs:documentation>This contains the severity type of the most severe
Notification in the Notifications array.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Notifications" type="ns:Notification" minOccurs="1"</p>
maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Information about the request/reply such was the
transaction successful or not, and any additional information relevant to the request
and/or reply. There may be multiple Notifications in a reply.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TransactionDetail" type="ns:TransactionDetail"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Contains the CustomerTransactionDetail that is echoed
back to the caller for matching requests and replies and a Localization element for
defining the language/translation used in the reply data.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Version" type="ns:VersionId" minOccurs="1">
   <xs:annotation>
     <xs:documentation>Contains the version of the reply being
used.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CompletedTrackDetails" type="ns:CompletedTrackDetail"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Contains detailed tracking entity
information.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType TrackRequest



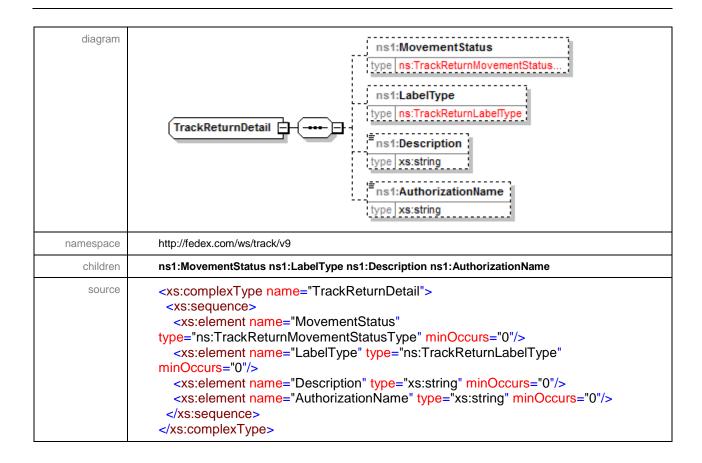




```
<xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail"</p>
minOccurs="1">
   <xs:annotation>
     <xs:documentation>Descriptive data to be used in authentication of the sender's
identity (and right to use FedEx web services).</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1">
   <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"</p>
minOccurs="0">
   <xs:annotation>
     <xs:documentation>Contains a free form field that is echoed back in the reply to
match requests with replies and data that governs the data payload
language/translations.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Version" type="ns:VersionId" minOccurs="1">
   <xs:annotation>
     <xs:documentation>The version of the request being used.
   </xs:annotation>
  </xs:element>
  <xs:element name="SelectionDetails" type="ns:TrackSelectionDetail"</p>
minOccurs="0" maxOccurs="unbounded">
   <xs:annotation>
     <xs:documentation>Specifies the details needed to select the shipment being
requested to be tracked.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="TransactionTimeOutValueInMilliseconds"</p>
type="xs:nonNegativeInteger" minOccurs="0">
   <xs:annotation>
     <xs:documentation>The customer can specify a desired time out value for this
particular transaction.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="ProcessingOptions"</pre>
type="ns:TrackRequestProcessingOptionType" minOccurs="0"
maxOccurs="unbounded"/>
 </xs:sequence>
</xs:complexType>
```

complexType TrackReturnDetail





complexType TrackSelectionDetail



diagram ns1:CarrierCode type ns:CarrierCodeType The FedEx operating company (transportation) used for this package's delivery. ns1:OperatingCompany type ns:OperatingCompanyType Identifies operating transportation company that is the specific to the ns1:Packageldentifier type ns:TrackPackageIdentifier The type and value of the package identifier that is to be used to retrieve the tracking information for a package or group of packages. ns1:TrackingNumberUniquelden... type xs:string Used to distinguish duplicate FedEx tracking ns1:ShipDateRangeBegin type xs:date To narrow the search to a period in time the ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates. ns1:ShipDateRangeEnd type xs:date TrackSelectionDetail 🗀 ---- 🖃 To narrow the search to a period in time the ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates. <sup>≡</sup>ns1:ShipmentAccountNumber type xs:string For tracking by references information either the account number or destination postal code and country must be provided. ns1:SecureSpodAccount type xs:string Specifies the SPOD account number for the shipment being tracked. ns1:Destination type ns:Address For tracking by references information either the account number or destination postal code and country must be provided. ns1:PagingDetail type ns:PagingDetail Specifies the details about how to retrieve the subsequent pages when there is more than one page in the TrackReply. ns1:CustomerSpecifiedTimeOut... type xs:nonNegativeInteger The customer can specify a desired time out value for this particular tracking number.

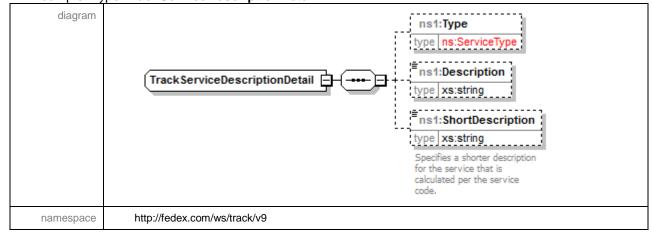


namespace	http://fedex.com/ws/track/v9
children	ns1:CarrierCode ns1:OperatingCompany ns1:PackageIdentifier ns1:TrackingNumberUniqueIdentifier ns1:ShipDateRangeBegin ns1:ShipDateRangeEnd ns1:ShipmentAccountNumber ns1:SecureSpodAccount ns1:Destination ns1:PagingDetail ns1:CustomerSpecifiedTimeOutValueInMilliseconds
source	<pre><xs:complextype name="TrackSelectionDetail">   <xs:sequence>   <xs:element minoccurs="0" name="CarrierCode" type="ns:CarrierCodeType">    <xs:annotation>    <xs:documentation>The FedEx operating company (transportation) used for this package of additional elementations.</xs:documentation></xs:annotation></xs:element></xs:sequence></xs:complextype></pre>
	<pre>package's delivery.</pre>
	<pre><xs:annotation>   <xs:documentation>Identifies operating transportation company that is the specific to the carrier code.</xs:documentation>   </xs:annotation>   </pre>
	<pre><xs:element minoccurs="0" name="PackageIdentifier" type="ns:TrackPackageIdentifier">     <xs:annotation></xs:annotation></xs:element></pre>
	<xs:documentation>The type and value of the package identifier that is to be used to retrieve the tracking information for a package or group of packages. </xs:documentation>
	<pre><xs:element minoccurs="0" name="TrackingNumberUniqueIdentifier" type="xs:string">     <xs:annotation></xs:annotation></xs:element></pre>
	<pre><xs:documentation>Used to distinguish duplicate FedEx tracking numbers.</xs:documentation>      </pre>
	<pre><xs:element minoccurs="0" name="ShipDateRangeBegin" type="xs:date"> <xs:annotation> <xs:documentation>To narrow the search to a period in time the</xs:documentation></xs:annotation></xs:element></pre>
	ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates.
	<pre><xs:element minoccurs="0" name="ShipDateRangeEnd" type="xs:date">   <xs:annotation>   <xs:documentation>To narrow the search to a period in time the</xs:documentation></xs:annotation></xs:element></pre>
	ShipDateRangeBegin and ShipDateRangeEnd can be used to help eliminate duplicates.
	<xs:element minoccurs="0" name="ShipmentAccountNumber" type="xs:string"> <xs:annotation></xs:annotation></xs:element>



```
<xs:documentation>For tracking by references information either the account
number or destination postal code and country must be
provided.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="SecureSpodAccount" type="xs:string" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies the SPOD account number for the shipment being
tracked.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="Destination" type="ns:Address" minOccurs="0">
   <xs:annotation>
     <xs:documentation>For tracking by references information either the account
number or destination postal code and country must be
provided.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="PagingDetail" type="ns:PagingDetail" minOccurs="0">
   <xs:annotation>
     <xs:documentation>Specifies the details about how to retrieve the subsequent
pages when there is more than one page in the TrackReply.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="CustomerSpecifiedTimeOutValueInMilliseconds"</p>
type="xs:nonNegativeInteger" minOccurs="0">
   <xs:annotation>
     <xs:documentation>The customer can specify a desired time out value for this
particular tracking number.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

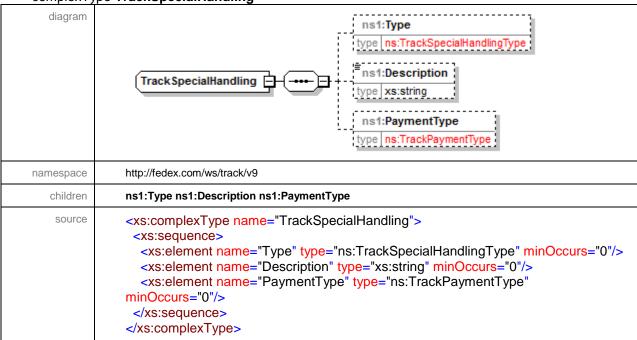
complexType TrackServiceDescriptionDetail





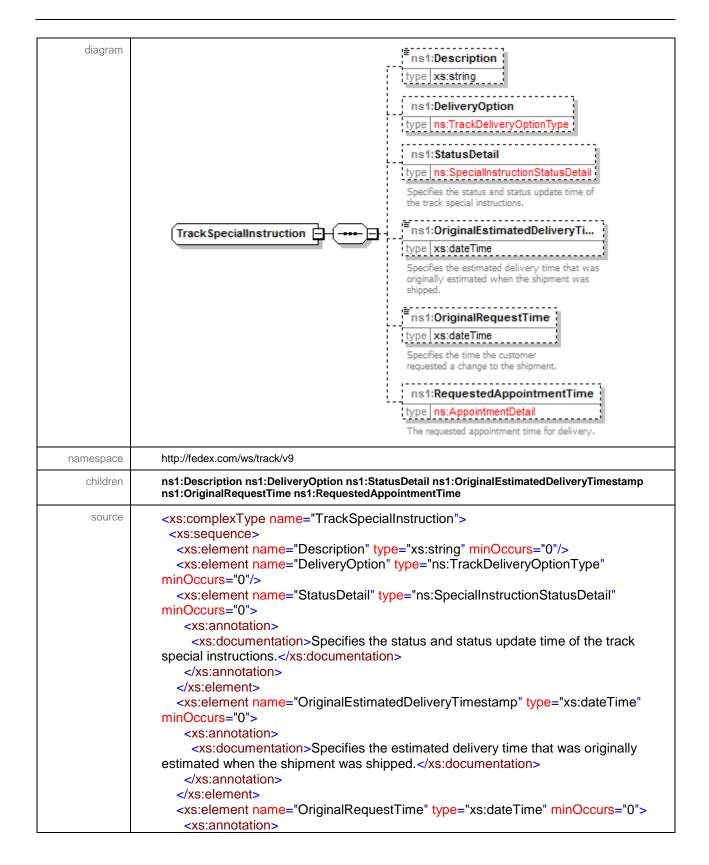
children	ns1:Type ns1:Description ns1:ShortDescription
source	<pre><xs:complextype name="TrackServiceDescriptionDetail"></xs:complextype></pre>

complexType TrackSpecialHandling



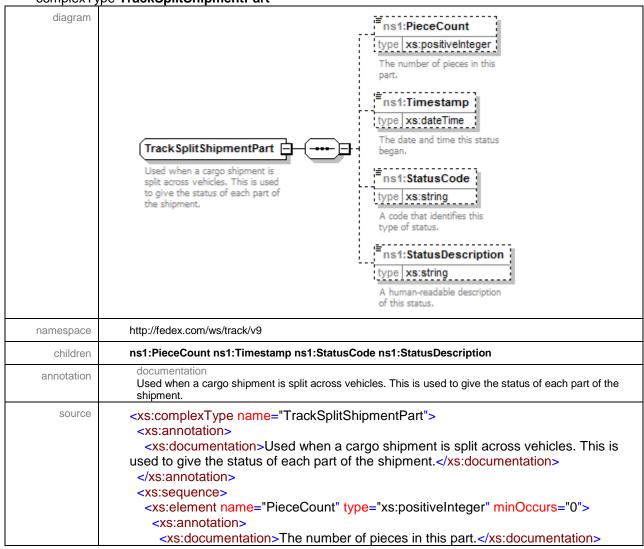
## complexType TrackSpecialInstruction







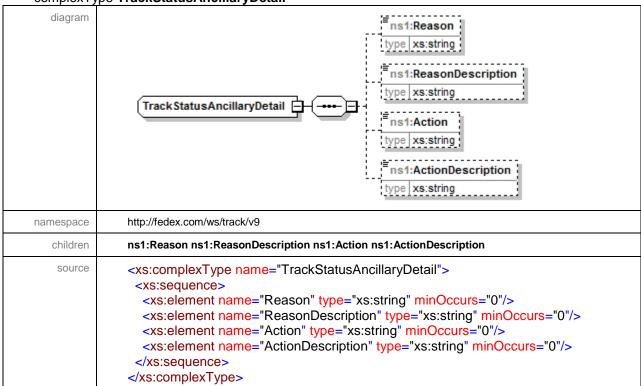
complexType TrackSplitShipmentPart



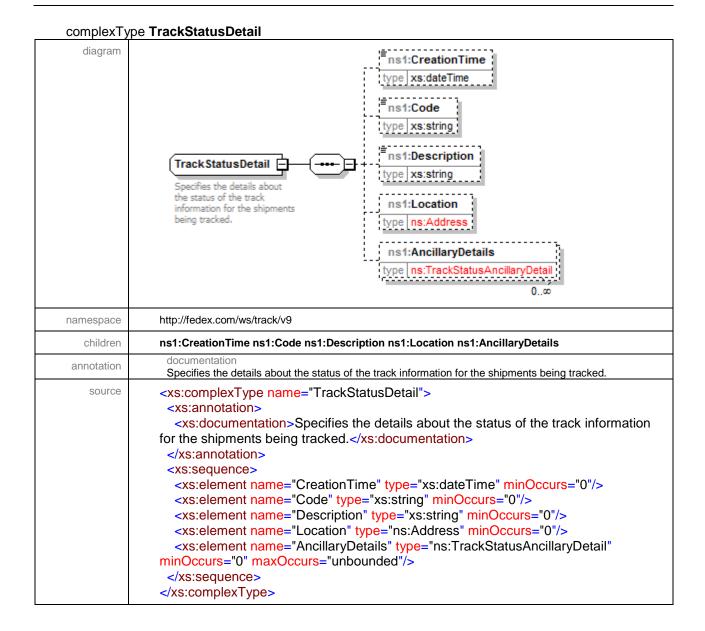


```
</xs:annotation>
  </xs:element>
  <xs:element name="Timestamp" type="xs:dateTime" minOccurs="0">
   <xs:annotation>
    <xs:documentation>The date and time this status began.
   </xs:annotation>
  </xs:element>
  <xs:element name="StatusCode" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>A code that identifies this type of
status.</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element name="StatusDescription" type="xs:string" minOccurs="0">
   <xs:annotation>
    <xs:documentation>A human-readable description of this
status.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType TrackStatusAncillaryDetail







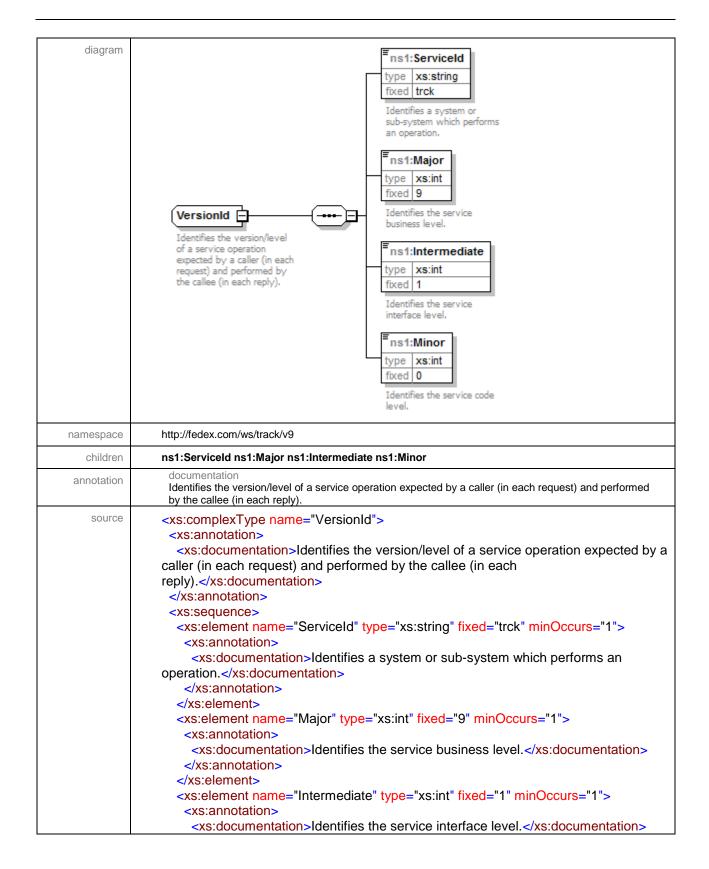
# complexType TransactionDetail



diagram	TransactionDetail  Descriptive data that governs data payload language/translations. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.  Ins1:Localization  In
namespace	http://fedex.com/ws/track/v9
children	ns1:CustomerTransactionId ns1:Localization
annotation	documentation  Descriptive data that governs data payload language/translations. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.
source	<pre><xs:complextype name="TransactionDetail"></xs:complextype></pre>

complexType VersionId

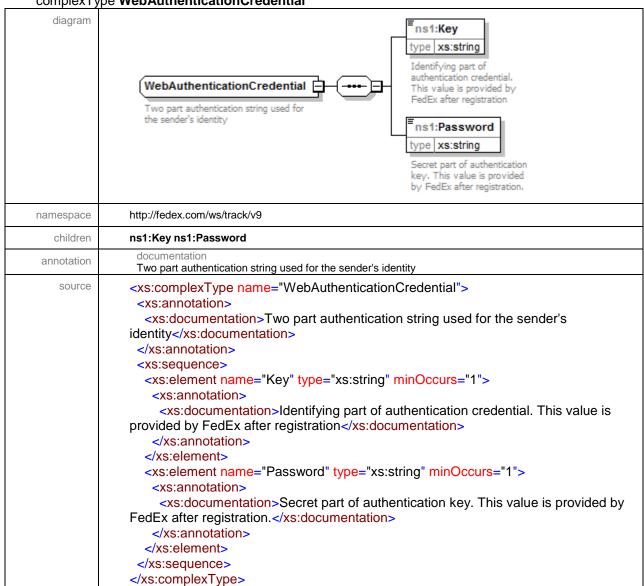






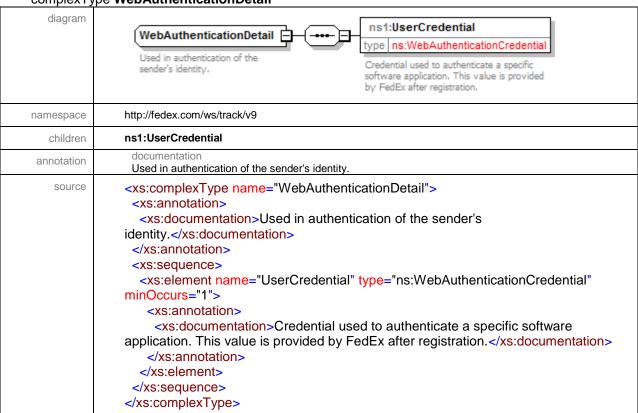
```
</xs:annotation>
  </xs:element>
  <xs:element name="Minor" type="xs:int" fixed="0" minOccurs="1">
   <xs:annotation>
    <xs:documentation>Identifies the service code level.
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

complexType WebAuthenticationCredential

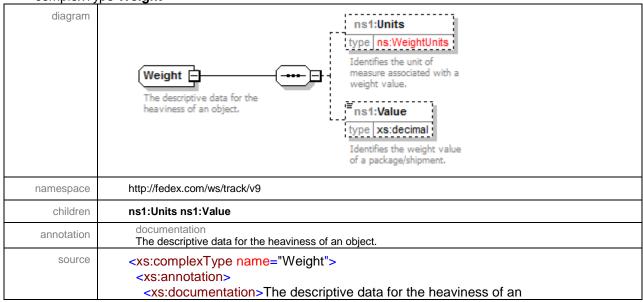




complexType WebAuthenticationDetail



complexType Weight





```
object.</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="Units" type="ns:WeightUnits" minOccurs="0">
   <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" minOccurs="0">
   <xs:annotation>
    <xs:documentation>Identifies the weight value of a
package/shipment.</xs:documentation>
   </xs:annotation>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

simpleType AppointmentWindowType

simple i yp	simple I ype Appointment Window I ype		
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration AFTERNOON		
	enumeration LATE_AFTERNOON		
	enumeration MID_DAY		
	enumeration MORNING		
annotation	documentation The description that FedEx uses for a given appointment window.		
source	<pre><xs:simpletype name="AppointmentWindowType"></xs:simpletype></pre>		

simpleType ArrivalLocationType

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



properties	base xs:s	tring
facets	Kind	Value Annotation AIRPORT
	enumeration	CUSTOMER
	enumeration enumeration	CUSTOMER CUSTOMS_BROKER
	enumeration	DELIVERY_LOCATION
	enumeration	DESTINATION_AIRPORT
	enumeration	DESTINATION_AIRPORT DESTINATION_FEDEX_FACILITY
	enumeration enumeration	DROP_BOX ENROUTE
	enumeration	FEDEX_FACILITY
	enumeration	FEDEX_OFFICE_LOCATION
	enumeration	INTERLINE_CARRIER
	enumeration	NON_FEDEX_FACILITY
	enumeration	ORIGIN_AIRPORT
	enumeration	ORIGIN_FEDEX_FACILITY
	enumeration	PICKUP_LOCATION
	enumeration 	PLANE
	enumeration	PORT_OF_ENTRY
	enumeration	SHIP_AND_GET_LOCATION
	enumeration	SORT_FACILITY
	enumeration 	TURNPOINT
	enumeration	VEHICLE
annotation	documentation Identifies where a	a tracking event occurs.
source	<xs:simpletype< th=""><th>e name="ArrivalLocationType"&gt;</th></xs:simpletype<>	e name="ArrivalLocationType">
	<xs:annotatio< th=""><th></th></xs:annotatio<>	
	<xs:docume <="" th="" xs:annotation<=""><th>ntation&gt;Identifies where a tracking event occurs.</th></xs:docume>	ntation>Identifies where a tracking event occurs.
		n base="xs:string">
		ation value="AIRPORT"/>
	<xs:enumera< th=""><th>ation value="CUSTOMER"/&gt;</th></xs:enumera<>	ation value="CUSTOMER"/>
		ation value="CUSTOMS_BROKER"/>
		ation value="DELIVERY_LOCATION"/>
		ation value="DESTINATION_AIRPORT"/> ation value="DESTINATION FEDEX FACILITY"/>
		ation value="DROP_BOX"/>
		ation value="ENROUTE"/>
		ation value="FEDEX_FACILITY"/>
		ation value="FEDEX_OFFICE_LOCATION"/>
		ation value="INTERLINE_CARRIER"/> ation value="NON FEDEX FACILITY"/>
		ation value="ORIGIN AIRPORT"/>
		ation value="ORIGIN_FEDEX_FACILITY"/>
	<xs:enumera< th=""><th>ation value="PICKUP_LOCATION"/&gt;</th></xs:enumera<>	ation value="PICKUP_LOCATION"/>
		ation value="PLANE"/>
	<xs:enumera< td=""><td>ation value="PORT_OF_ENTRY"/&gt;</td></xs:enumera<>	ation value="PORT_OF_ENTRY"/>



simpleType AvailableImageType

	Availableiiilage i ype	
namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value enumeration BILL_OF_L	
	enumeration SIGNATUR	E_PROOF_OF_DELIVERY
source	<pre><xs:simpletype name="Av&lt;/td&gt;&lt;td&gt;tring"></xs:simpletype></pre>	

simpleType CarrierCodeType

namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
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	Identification of a FedEx operating company (transportation).   <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:restriction base="xs:string">   <xs:enumeration value="FDXC"></xs:enumeration>   <xs:enumeration value="FDXE"></xs:enumeration>   <xs:enumeration value="FDXG"></xs:enumeration>   <xs:enumeration value="FDXG"></xs:enumeration>   <xs:enumeration value="FXCC"></xs:enumeration>   <xs:enumera< td=""></xs:enumera<></xs:restriction></xs:restriction></xs:simpletype>		



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

simpleType CustomsOptionType

namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind enumeration	Value Annotation COURTESY_RETURN_LABEL	
	enumeration	EXHIBITION_TRADE_SHOW	
	enumeration	FAULTY_ITEM	
	enumeration	FOLLOWING_REPAIR	
	enumeration	FOR_REPAIR	
	enumeration	ITEM_FOR_LOAN	
	enumeration	OTHER	
	enumeration	REJECTED	
	enumeration	REPLACEMENT	
	enumeration	TRIAL	
source	<pre><xs:restriction <xs:enumer="" <xs:enumer<="" pre=""></xs:restriction></pre>	pe name="CustomsOptionType"> pn base="xs:string"> pration value="COURTESY_RETURN_LABEL"/> pration value="EXHIBITION_TRADE_SHOW"/> pration value="FAULTY_ITEM"/> pration value="FOLLOWING_REPAIR"/> pration value="FOR_REPAIR"/> pration value="ITEM_FOR_LOAN"/> pration value="OTHER"/> pration value="REJECTED"/> pration value="REPLACEMENT"/> pration value="TRIAL"/>	

simpleType **DeliveryOptionType** 

namespace	http://fedex.com/ws/track/v9			
type	restriction of xs:str	restriction of xs:string		
properties	base xs:st	ring		
facets	Kind enumeration	Value INDIRECT_SIGNATURE_RELEASE	Annotation	
	enumeration	REDIRECT_TO_HOLD_AT_LOCATION		
	enumeration	REROUTE		



	enumeration RESCHEDULE
annotation	documentation Specifies the different option types for delivery.
source	<pre><xs:simpletype name="DeliveryOptionType"></xs:simpletype></pre>

simpleType DistanceUnits

ор.о.тур	Simple Type Distance on to	
namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value Annotation enumeration KM enumeration MI	
annotation	documentation Identifies the collection of units of measure that can be associated with a distance value.	
source	<pre><xs:simpletype name="DistanceUnits"></xs:simpletype></pre>	

simpleType EligibilityType

namespace	http://fedex.com/ws/track/v9			
type	restriction of xs:str	ing		
properties	base xs:st	ring		
facets	Kind enumeration	Value ELIGIBLE	Annotation	
	enumeration	INELIGIBLE		
	enumeration	POSSIBLY_ELIGIBLE		



annotation	documentation Specifies different values of eligibility status
source	<pre><xs:simpletype name="EligibilityType"></xs:simpletype></pre>

simpleType EMailNotificationEventType

namespace	http://fedex.com/ws/track/v9
Паттеораес	TREP.//TOGON.OOM/WO/REGOVVO
type	restriction of xs:string
properties	base xs:string
facets	Kind Value Annotation enumeration ON_DELIVERY
	enumeration ON_EXCEPTION
	enumeration ON_SHIPMENT
	enumeration ON_TENDER
source	<pre><xs:simpletype name="EMailNotificationEventType"></xs:simpletype></pre>

simpleType EMailNotificationFormatType

оппристуро	Simple Type Emain Company		
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration HTML enumeration TEXT enumeration WIRELESS		
annotation	documentation The format of the email		
source	<xs:simpletype name="EMailNotificationFormatType"> &lt; xs:annotation&gt;</xs:simpletype>		



simpleType EMailNotificationRecipientType

<u> </u>	Simple 1 yee Emain our cation recipient 1 yee		
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration BROKER enumeration OTHER enumeration RECIPIENT enumeration SHIPPER		
source	<pre><xs:simpletype name="EMailNotificationRecipientType">   <xs:restriction base="xs:string">    <xs:enumeration value="BROKER"></xs:enumeration>    <xs:enumeration value="OTHER"></xs:enumeration>    <xs:enumeration value="RECIPIENT"></xs:enumeration>    <xs:enumeration value="SHIPPER"></xs:enumeration>    </xs:restriction>    </xs:simpletype></pre>		

simpleType FedExLocationType

namespace	http://fedex.com/ws/track/v9			
type	restriction of xs:str	restriction of xs:string		
properties	base xs:si	base xs:string		
facets	Kind enumeration	Value FEDEX_AUTHORIZED_SHIP_CENTER	Annotation	
	enumeration	FEDEX_EXPRESS_STATION		
	enumeration	FEDEX_FACILITY		
	enumeration	FEDEX_FREIGHT_SERVICE_CENTER		
	enumeration	FEDEX_GROUND_TERMINAL		
	enumeration	FEDEX_HOME_DELIVERY_STATION		
	enumeration	FEDEX_OFFICE		
	enumeration	FEDEX_SELF_SERVICE_LOCATION		
	enumeration	FEDEX_SHIPSITE		
	enumeration	FEDEX_SMART_POST_HUB		



annotation	annotation documentation ldentifies a kind of FedEx facility.			
source	<pre><xs:simpletype name="FedExLocationType"></xs:simpletype></pre>			

simpleType LinearUnits

namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration CM		
	enumeration IN		
annotation	documentation CM = centimeters, IN = inches		
source	<pre><xs:simpletype name="LinearUnits"></xs:simpletype></pre>		

 $simple Type \ \textbf{NaftaNetCostMethodCode}$ 

namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value Annotation enumeration NC	



	enumeration NO
source	<pre><xs:simpletype name="NaftaNetCostMethodCode">     <xs:restriction base="xs:string">      <xs:enumeration value="NC"></xs:enumeration>      <xs:enumeration value="NO"></xs:enumeration>      </xs:restriction>     </xs:simpletype></pre>

simpleType NaftaPreferenceCriterionCode

namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration A		
	enumeration B		
	enumeration C		
	enumeration D		
	enumeration E		
	enumeration F		
annotation	documentation See instructions for NAFTA Certificate of Origin for code definitions.		
source	<pre><xs:simpletype name="NaftaPreferenceCriterionCode"></xs:simpletype></pre>		

 $simple Type \ \textbf{NaftaProducerDeterminationCode}$ 

namespace	http://fedex.com/ws/track/v9			
type	restriction of xs:string			
properties	base xs:string			
facets	Kind enumeration	Value NO_1	Annotation	
	enumeration	NO_2		



	enumeration NO_3 enumeration YES
annotation	documentation See instructions for NAFTA Certificate of Origin for code definitions.
source	<pre><xs:simpletype name="NaftaProducerDeterminationCode"></xs:simpletype></pre>

simpleType NotificationSeverityType

namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
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	<pre>cxs:simpleType name="NotificationSeverityType"&gt;</pre>		

### $simple Type \ {\bf OfficeOrderDeliveryMethodType}$

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



type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration COURIER enumeration OTHER enumeration PICKUP enumeration SHIPMENT		
source	<pre><xs:simpletype name="OfficeOrderDeliveryMethodType">     <xs:restriction base="xs:string">      <xs:enumeration value="COURIER"></xs:enumeration>      <xs:enumeration value="OTHER"></xs:enumeration>      <xs:enumeration value="PICKUP"></xs:enumeration>      <xs:enumeration value="SHIPMENT"></xs:enumeration>      </xs:restriction>      </xs:simpletype></pre>		

simpleType OperatingCompanyType

	e OperatingCompany i ype			
namespace	http://fedex.com/ws/track/v9			
type	restriction of xs:string			
properties	base xs:s	string		
facets	Kind enumeration	Value Annotation FEDEX_CARGO		
	enumeration	FEDEX_CORPORATE_SERVICES		
	enumeration	FEDEX_CORPORATION		
	enumeration	FEDEX_CUSTOMER_INFORMATION_SYSTEMS		
	enumeration	FEDEX_CUSTOM_CRITICAL		
	enumeration	FEDEX_EXPRESS		
	enumeration	FEDEX_FREIGHT		
	enumeration	FEDEX_GROUND		
	enumeration	FEDEX_KINKOS		
	enumeration	FEDEX_OFFICE		
	enumeration	FEDEX_SERVICES		
	enumeration	FEDEX_TRADE_NETWORKS		
annotation	documentation Identification for	a FedEx operating company (transportation and non-transportation).		
source	<xs:simpletype name="OperatingCompanyType"></xs:simpletype>			
	<xs:annotation></xs:annotation>			
	<xs:documentation>Identification for a FedEx operating company (transportation</xs:documentation>			
	and non-transportation).			
	<xs:restriction base="xs:string"></xs:restriction>			
	<pre><xs:restriction base="xs.string"> <xs:enumeration value="FEDEX CARGO"></xs:enumeration></xs:restriction></pre>			
	<xs:enumeration value="FEDEX_CORPORATE_SERVICES"></xs:enumeration>			
	<xs:enumer< th=""><th>ation value="FEDEX_CORPORATION"/&gt;</th></xs:enumer<>	ation value="FEDEX_CORPORATION"/>		



simpleType PackagingType

PackagingType		
http://fedex.com/ws/track/v9		
restriction of xs:string		
base xs:st	tring	
Kind enumeration	Value Annotation FEDEX_10KG_BOX	
enumeration	FEDEX_25KG_BOX	
enumeration	FEDEX_BOX	
enumeration	FEDEX_ENVELOPE	
enumeration	FEDEX_EXTRA_LARGE_BOX	
enumeration	FEDEX_LARGE_BOX	
enumeration	FEDEX_MEDIUM_BOX	
enumeration	FEDEX_PAK	
enumeration	FEDEX_SMALL_BOX	
enumeration	FEDEX_TUBE	
enumeration	YOUR_PACKAGING	
documentation The enumerated	packaging type used for this package.	
<pre><xs:simpletype name="PackagingType"></xs:simpletype></pre>		
	restriction of xs:str base xs:s  Kind enumeration exs:enumeration enumeration	



<xs:enumeration value="YOUR_PACKAGING"></xs:enumeration>	

simpleType PieceCountLocationType

	5 1 100000 unit=00unit 1 1 po		
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration DESTINATION enumeration ORIGIN		
source	<pre><xs:simpletype name="PieceCountLocationType">     <xs:restriction base="xs:string">      <xs:enumeration value="DESTINATION"></xs:enumeration>      <xs:enumeration value="ORIGIN"></xs:enumeration>      </xs:restriction>     </xs:simpletype></pre>		

simpleType ServiceType

namespa ce	http://fedex.com	/ws/track/v9	
type	restriction of xs:string		
properties	properties base xs:string		
facets	Kind	Value	Annotation
	enumerati on	EUROPE_FIRST_INTERNATIONAL_PRIORITY	"
	enumerati on	FEDEX_1_DAY_FREIGHT	
	enumerati on	FEDEX_2_DAY	
	enumerati on	FEDEX_2_DAY_AM	
	enumerati on	FEDEX_2_DAY_FREIGHT	
	enumerati on	FEDEX_3_DAY_FREIGHT	
	enumerati on	FEDEX_CARGO_AIRPORT_TO_AIRPORT	
	enumerati on	FEDEX_CARGO_FREIGHT_FORWARDING	
	enumerati on	FEDEX_CARGO_INTERNATIONAL_EXPRESS_FREIGHT	
	enumerati on	FEDEX_CARGO_INTERNATIONAL_PREMIUM	
	enumerati on	FEDEX_CARGO_MAIL	
	enumerati on	FEDEX_CARGO_REGISTERED_MAIL	
	enumerati	FEDEX_CARGO_SURFACE_MAIL	



on enumerati	FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE
on enumerati	FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_EXCLUSIVE_USE
on enumerati	FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_NETWORK
on enumerati	FEDEX_CUSTOM_CRITICAL_CHARTER_AIR
on enumerati	FEDEX_CUSTOM_CRITICAL_POINT_TO_POINT
on enumerati	FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE
on enumerati	FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE_EXCLUSIV
on enumerati	E_USE FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_AIR
on enumerati	FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_VALIDATED_AIR
on enumerati	FEDEX_CUSTOM_CRITICAL_WHITE_GLOVE_SERVICES
on enumerati	FEDEX_DISTANCE_DEFERRED
on enumerati	FEDEX_EXPRESS_SAVER
on enumerati	FEDEX_FIRST_FREIGHT
on enumerati	FEDEX_FREIGHT_ECONOMY
on enumerati	FEDEX_FREIGHT_PRIORITY
on enumerati	FEDEX_GROUND
on enumerati	FEDEX_NEXT_DAY_AFTERNOON
on enumerati	FEDEX_NEXT_DAY_EARLY_MORNING
on enumerati	FEDEX_NEXT_DAY_END_OF_DAY
on enumerati	FEDEX_NEXT_DAY_FREIGHT
on enumerati	FEDEX_NEXT_DAY_MID_MORNING
on enumerati	FIRST_OVERNIGHT
on enumerati	GROUND_HOME_DELIVERY
on enumerati	INTERNATIONAL_DISTRIBUTION_FREIGHT
on enumerati	INTERNATIONAL_ECONOMY
on enumerati	INTERNATIONAL_ECONOMY_DISTRIBUTION
on enumerati	INTERNATIONAL_ECONOMY_FREIGHT
on enumerati	INTERNATIONAL_FIRST
on enumerati	INTERNATIONAL_PRIORITY
on enumerati	INTERNATIONAL_PRIORITY_DISTRIBUTION
on enumerati	INTERNATIONAL_PRIORITY_FREIGHT
on enumerati	PRIORITY_OVERNIGHT
on	



	OAME DAY				
	enumerati SAME_DAY on				
	enumerati SAME_DAY_CITY on				
	enumerati SMART_POST on				
	enumerati STANDARD_OVERNIGHT				
	on enumerati TRANSBORDER_DISTRIBUTION_CONSOLIDATION on				
oppototio	documentation				
annotatio n	The service type of the package/shipment.				
source	<xs:simpletype name="ServiceType"></xs:simpletype>				
	<xs:annotation></xs:annotation>				
	<xs:documentation>The service type of the package/shipment.</xs:documentation>				
	<pre><xs:restriction base="xs:string"></xs:restriction></pre>				
	<pre><xs:enumeration value="EUROPE_FIRST_INTERNATIONAL_PRIORITY"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_1_DAY_FREIGHT"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_2_DAY"></xs:enumeration> <pre></pre></pre>				
	<pre><xs:enumeration value="FEDEX_2_DAY_AM"></xs:enumeration> </pre>				
	<pre><xs:enumeration value="FEDEX_2_DAY_FREIGHT"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_3_DAY_FREIGHT"></xs:enumeration> <xs:enumeration value="FEDEX_CARGO_AIRPORT_TO_AIRPORT"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_CARGO_FREIGHT_FORWARDING"></xs:enumeration></pre>				
	<pre><xs:enumeration <="" pre=""></xs:enumeration></pre>				
	value="FEDEX_CARGO_INTERNATIONAL_EXPRESS_FREIGHT"/>				
	<pre><xs:enumeration value="FEDEX_CARGO_INTERNATIONAL_PREMIUM"></xs:enumeration> <xs:enumeration value="FEDEX_CARGO_MAIL"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_CARGO_REGISTERED_MAIL"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_CARGO_SURFACE_MAIL"></xs:enumeration> </pre>				
	<pre><xs:enumeration value="FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE"></xs:enumeration></pre>				
	<pre><xs:enumeration <="" pre=""></xs:enumeration></pre>				
	value="FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_EXCLUSIVE_USE"/>				
	<pre><xs:enumeration value="FEDEX CUSTOM CRITICAL AIR EXPEDITE NETWORK"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_CUSTOM_CRITICAL_CHARTER_AIR"></xs:enumeration> <pre></pre></pre>				
	<pre><xs:enumeration value="FEDEX_CUSTOM_CRITICAL_POINT_TO_POINT"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE"></xs:enumeration></pre>				
	<pre></pre>				
	<pre>value= FEDEX_COSTOM_CRITICAL_SURFACE_EXPEDITE_EXCLOSIVE_USE /&gt; <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_AIR"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_COSTOM_CRITICAL_TEMP_ASSURE_AIR"></xs:enumeration> <xs:enumeration< pre=""></xs:enumeration<></pre>				
	<a fedex_custom_critical_temp_assure_validated_air"="" href="value="></a> value="fedex_custom_critical_temp_assure_validated_air"/>				
	<pre>value= FEDEX_COSTOM_CRITICAL_TEMP_ASSURE_VALIDATED_AIR /&gt; <xs:enumeration< pre=""></xs:enumeration<></pre>				
	value="FEDEX_CUSTOM_CRITICAL_WHITE_GLOVE_SERVICES"/>				
	<pre>value= FEDEX_COSTOM_CRITICAL_WHITE_GLOVE_SERVICES /&gt;</pre>				
	<pre><xs:enumeration value="FEDEX_DISTANCE_DEFERRED"></xs:enumeration> <xs:enumeration value="FEDEX_EXPRESS_SAVER"></xs:enumeration></pre>				
	<pre><xs:enumeration fedex_first_freight"="" value="FEDEX_EXPRESS_SAVER /&gt; &lt;xs:enumeration value="></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_FIRST_FREIGHT"></xs:enumeration> <xs:enumeration value="FEDEX_FREIGHT_ECONOMY"></xs:enumeration></pre>				
	<pre><xs:enumeration value="FEDEX_FREIGHT_ECONOMY"></xs:enumeration> <xs:enumeration value="FEDEX_FREIGHT_PRIORITY"></xs:enumeration></pre>				
	<xs:enumeration value="FEDEX_TREIGHT_FRIGRITY"></xs:enumeration>				
	<pre><xs:enumeration value="FEDEX_GROUND"></xs:enumeration> <xs:enumeration value="FEDEX_NEXT_DAY_AFTERNOON"></xs:enumeration></pre>				
	NO. CHAINCIAN VAIGE - I LDLA_INLAI_DAI_ALIENNOON />				



```
<xs:enumeration value="FEDEX NEXT DAY EARLY MORNING"/>
  <xs:enumeration value="FEDEX_NEXT_DAY_END_OF_DAY"/>
  <xs:enumeration value="FEDEX_NEXT_DAY_FREIGHT"/>
  <xs:enumeration value="FEDEX NEXT DAY MID MORNING"/>
  <xs:enumeration value="FIRST_OVERNIGHT"/>
  <xs:enumeration value="GROUND_HOME_DELIVERY"/>
  <xs:enumeration value="INTERNATIONAL DISTRIBUTION FREIGHT"/>
  <xs:enumeration value="INTERNATIONAL ECONOMY"/>
  <xs:enumeration value="INTERNATIONAL_ECONOMY_DISTRIBUTION"/>
 <xs:enumeration value="INTERNATIONAL_ECONOMY_FREIGHT"/>
 <xs:enumeration value="INTERNATIONAL_FIRST"/>
  <xs:enumeration value="INTERNATIONAL_PRIORITY"/>
  <xs:enumeration value="INTERNATIONAL PRIORITY DISTRIBUTION"/>
  <xs:enumeration value="INTERNATIONAL_PRIORITY_FREIGHT"/>
  <xs:enumeration value="PRIORITY_OVERNIGHT"/>
 <xs:enumeration value="SAME_DAY"/>
 <xs:enumeration value="SAME_DAY_CITY"/>
  <xs:enumeration value="SMART_POST"/>
  <xs:enumeration value="STANDARD OVERNIGHT"/>
 <xs:enumeration value="TRANSBORDER_DISTRIBUTION_CONSOLIDATION"/>
 </xs:restriction>
</xs:simpleType>
```

simpleType SignatureProofOfDeliveryImageType

oimpio i yp	e dignaturer root or benver yimage rype
namespace	http://fedex.com/ws/track/v9
type	restriction of xs:string
properties	base xs:string
facets	Kind Value Annotation enumeration PDF
	enumeration PNG
annotation	documentation Identifies the set of SPOD image types.
source	<pre><xs:simpletype name="SignatureProofOfDeliveryImageType"></xs:simpletype></pre>

simpleType SpecialInstructionsStatusCode

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



properties	base xs:st	ring	
facets	Kind enumeration	Value ACCEPTED	Annotation
	enumeration	CANCELLED	
	enumeration	DENIED	
	enumeration	HELD	
	enumeration	MODIFIED	
	enumeration	RELINQUISHED	)
	enumeration	REQUESTED	
	enumeration	SET	
source	<pre><xs:restriction <xs:enumera="" <xs:enumera<="" pre=""></xs:restriction></pre>	base="xs:string" ation value="ACC ation value="CAN ation value="DEN ation value="HEL ation value="MOI ation value="REL ation value="REC ation value="SET	CEPTED"/> NCELLED"/> NIED"/> NIED"/> LD"/> DIFIED"/> LINQUISHED"/> QUESTED"/>

simpleType StringBarcodeType

Simple 1 ype 3th iig bar code i ype			
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration ADDRESS enumeration ASTRA enumeration FEDEX_1D enumeration GROUND enumeration POSTAL enumeration USPS		
source			



 $simple Type \ {\bf TrackAdvance Notification Status Type}$ 

	71
namespace	http://fedex.com/ws/track/v9
type	restriction of xs:string
properties	base xs:string
facets	Kind Value Annotation enumeration BACK_ON_TRACK enumeration FAIL
source	<pre><xs:simpletype name="TrackAdvanceNotificationStatusType">   <xs:restriction base="xs:string">     <xs:enumeration value="BACK_ON_TRACK"></xs:enumeration>     <xs:enumeration value="FAIL"></xs:enumeration>     </xs:restriction>     </xs:simpletype></pre>

 $simple Type \ {\bf Track Charge Detail Type}$ 

. ,	5 71
namespace	http://fedex.com/ws/track/v9
type	restriction of xs:string
properties	base xs:string
facets	Kind Value Annotation enumeration ORIGINAL_CHARGES
source	<pre><xs:simpletype name="TrackChargeDetailType">   <xs:restriction base="xs:string">     <xs:enumeration value="ORIGINAL_CHARGES"></xs:enumeration>     </xs:restriction>   </xs:simpletype></pre>

simpleType TrackDeliveryLocationType

namespace	http://fedex.com/w	rs/track/v9		
type	restriction of xs:string			
properties	base xs:s	string		
facets	Kind enumeration	Value APARTMENT_OFFICE	Annotation	
	enumeration	FEDEX_LOCATION		
	enumeration	GATE_HOUSE		
	enumeration	GUARD_OR_SECURITY_STATION		
	enumeration	IN_BOND_OR_CAGE		
	enumeration	LEASING_OFFICE		
	enumeration	MAILROOM		
	enumeration	MAIN_OFFICE		



	enumeration	MANAGER_OFFICE	
	enumeration	OTHER	
	enumeration	PHARMACY	
	enumeration RECEPTIONIST_OR_FRONT_DESK		
	enumeration	RENTAL_OFFICE	
	enumeration	RESIDENCE	
	enumeration	SHIPPING_RECEIVING	
annotation	documentation The delivery locat	ion at the delivered to address.	
source	<xs:simpletype< td=""><td>name="TrackDeliveryLocationType"&gt;</td></xs:simpletype<>	name="TrackDeliveryLocationType">	
	<xs:annotation< td=""><td></td></xs:annotation<>		
	<xs:documer< td=""><td>ntation&gt;The delivery location at the delivered to</td></xs:documer<>	ntation>The delivery location at the delivered to	
	address. <td>ocumentation&gt;</td>	ocumentation>	
	<td></td>		
	<xs:restriction base="xs:string"></xs:restriction>		
	<xs:enumeration value="APARTMENT_OFFICE"></xs:enumeration>		
	<xs:enumeration value="FEDEX_LOCATION"></xs:enumeration>		
	<xs:enumeration value="GATE_HOUSE"></xs:enumeration>		
	<xs:enumeration value="GUARD_OR_SECURITY_STATION"></xs:enumeration>		
	<xs:enumeration value="IN_BOND_OR_CAGE"></xs:enumeration>		
	<xs:enumeration value="LEASING_OFFICE"></xs:enumeration>		
	<xs:enumeration value="MAILROOM"></xs:enumeration>		
		tion value="MAIN_OFFICE"/>	
		tion value="MANAGER_OFFICE"/>	
		tion value="OTHER"/>	
	<xs:enumeration value="PHARMACY"></xs:enumeration>		
	<pre><xs:enumeration value="RECEPTIONIST_OR_FRONT_DESK"></xs:enumeration></pre>		
	<xs:enumeration value="RENTAL_OFFICE"></xs:enumeration>		
	<xs:enumeration value="RESIDENCE"></xs:enumeration>		
	<xs:enumeration value="SHIPPING_RECEIVING"></xs:enumeration>		
	<td><del>2</del>&gt;</td>	<del>2</del> >	

simpleType TrackDeliveryOptionType

namespace	http://fedex.com/w	vs/track/v9	
type	restriction of xs:string		
properties	base xs:	string	
facets	Kind enumeration	Value <b>APPOINTMENT</b>	Annotation
	enumeration	DATE_CERTAIN	
	enumeration	ELECTRONIC_SIGNATURE_RELEASE	
	enumeration	EVENING	
	enumeration	REDIRECT_TO_HOLD_AT_LOCATION	
	enumeration	REROUTE	
source		e name="TrackDeliveryOptionType"> n base="xs:string">	



simpleType TrackDetailAttributeType

namespace	http://fedex.com/ws/track/v9
type	restriction of xs:string
properties	base xs:string
facets	Kind Value Annotation enumeration INCLUDED_IN_WATCHLIST
source	<pre><xs:simpletype name="TrackDetailAttributeType">   <xs:restriction base="xs:string">     <xs:enumeration value="INCLUDED_IN_WATCHLIST"></xs:enumeration>     </xs:restriction>   </xs:simpletype></pre>

simpleType TrackIdentifierType

. ,,	e i rackidentifier i y		
namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:s	tring	
facets	Kind enumeration	Value BILL_OF_LADING	Annotation
	enumeration	COD_RETURN_TRACKING_NUMBER	
	enumeration	CUSTOMER_AUTHORIZATION_NUMBER	
	enumeration	CUSTOMER_REFERENCE	
	enumeration	DEPARTMENT	
	enumeration	DOCUMENT_AIRWAY_BILL	
	enumeration	FREE_FORM_REFERENCE	
	enumeration	GROUND_INTERNATIONAL	
	enumeration	GROUND_SHIPMENT_ID	
	enumeration	GROUP_MPS	
	enumeration	INVOICE	
	enumeration	JOB_GLOBAL_TRACKING_NUMBER	
	enumeration	ORDER_GLOBAL_TRACKING_NUMBER	
	enumeration	ORDER_TO_PAY_NUMBER	
	enumeration	OUTBOUND_LINK_TO_RETURN	
	enumeration	PARTNER_CARRIER_NUMBER	



		DADT MUMDED		
	enumeration	PART_NUMBER		
	enumeration	PURCHASE_ORDER		
	enumeration	REROUTE_TRACKING_NUMBER		
	enumeration	RETURNED_TO_SHIPPER_TRACKING_NUMBER		
	enumeration	RETURN_MATERIALS_AUTHORIZATION		
	enumeration	SHIPPER_REFERENCE		
	enumeration	STANDARD_MPS		
	enumeration	TRACKING_NUMBER_OR_DOORTAG		
	enumeration	TRANSPORTATION_CONTROL_NUMBER		
annotation	documentation The type of track	to be performed.		
source	<xs:simpletyp< th=""><th>e name="TrackIdentifierType"&gt;</th></xs:simpletyp<>	e name="TrackIdentifierType">		
	<xs:annotatio< th=""><th></th></xs:annotatio<>			
		ntation>The type of track to be performed.		
	<th></th>			
		n base="xs:string"> ation value="BILL OF LADING"/>		
	<pre><xs:enumeration value="COD_RETURN_TRACKING_NUMBER"></xs:enumeration> <xs:enumeration value="CUSTOMER_AUTHORIZATION_NUMBER"></xs:enumeration></pre>			
	<pre><xs:enumeration customer_reference"="" value="CUSTOMER_AOTHORIZATION_NOMBER /&gt; &lt;xs:enumeration value="></xs:enumeration></pre>			
	<xs:enumeration value="DEPARTMENT"></xs:enumeration>			
	<xs:enumeration value="DOCUMENT_AIRWAY_BILL"></xs:enumeration>			
	<xs:enumer< th=""><th colspan="3"><xs:enumeration value="FREE_FORM_REFERENCE"></xs:enumeration></th></xs:enumer<>	<xs:enumeration value="FREE_FORM_REFERENCE"></xs:enumeration>		
	<xs:enumer< th=""><th>ation value="GROUND_INTERNATIONAL"/&gt;</th></xs:enumer<>	ation value="GROUND_INTERNATIONAL"/>		
		ation value="GROUND_SHIPMENT_ID"/>		
		ation value="GROUP_MPS"/>		
	<pre><xs:enumeration value="INVOICE"></xs:enumeration></pre>			
		ation value="JOB_GLOBAL_TRACKING_NUMBER"/>		
		ation value="ORDER_GLOBAL_TRACKING_NUMBER"/>		
		ation value="ORDER_TO_PAY_NUMBER"/> ation value="OUTBOUND_LINK_TO_RETURN"/>		
		ation value="PARTNER CARRIER NUMBER"/>		
		ation value= PART NUMBER"/>		
		ation value="PURCHASE_ORDER"/>		
		ation value="REROUTE_TRACKING_NUMBER"/>		
		ation value="RETURNED_TO_SHIPPER_TRACKING_NUMBER"/>		
		ation value="RETURN_MATERIALS_AUTHORIZATION"/>		
		ation value="SHIPPER_REFERENCE"/>		
		ation value="STANDARD_MPS"/>		
		ation value="TRACKING_NUMBER_OR_DOORTAG"/>		
		ation value="TRANSPORTATION_CONTROL_NUMBER"/>		
	<th></th>			
	<th>00&gt;</th>	00>		

# simpleType TrackPaymentType

nar	nespace	http://fedex.com/ws/track/v9
	type	restriction of xs:string



properties	base xs:st	ring
facets	Kind enumeration	Value Annotation CASH_OR_CHECK_AT_DESTINATION
	enumeration	CASH_OR_CHECK_AT_ORIGIN
	enumeration	CREDIT_CARD_AT_DESTINATION
	enumeration	CREDIT_CARD_AT_ORIGIN
	enumeration	OTHER
	enumeration	RECIPIENT_ACCOUNT
	enumeration	SHIPPER_ACCOUNT
	enumeration	THIRD_PARTY_ACCOUNT
source	<pre><xs:simpletype name="TrackPaymentType"></xs:simpletype></pre>	

simpleType TrackPossessionStatusType

	e Trackrossessionstatus i y	
namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value enumeration BROKE	Annotation
	enumeration CARRIE	
	enumeration CUSTO	S
	enumeration RECIPI	NT
	enumeration SHIPPE	
	enumeration SPLIT_	TATUS
	enumeration TRANS	ER_PARTNER
source	<pre><xs:restriction base="x      &lt;xs:enumeration valu      &lt;xs:enumeration valu&lt;/pre&gt;&lt;/th&gt;&lt;th&gt;=" broker"=""></xs:restriction> ="CARRIER"/&gt; ="CUSTOMS"/&gt; ="RECIPIENT"/&gt; ="SHIPPER"/&gt;</pre>	



	VAS.SITIPIC TYPOS

simpleType TrackRequestProcessingOptionType

namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value Annotation enumeration INCLUDE_DETAILED_SCANS	
source	<pre><xs:simpletype name="TrackRequestProcessingOptionType">   <xs:restriction base="xs:string">    <xs:restriction base="xs:string">    <xs:renumeration value="INCLUDE_DETAILED_SCANS"></xs:renumeration>   </xs:restriction>   </xs:restriction></xs:simpletype></pre>	

### simpleType TrackReturnLabelType

namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value Annotation enumeration EMAIL enumeration PRINT	
source	<pre><xs:simpletype name="TrackReturnLabelType">     <xs:restriction base="xs:string">      <xs:enumeration value="EMAIL"></xs:enumeration>      <xs:enumeration value="PRINT"></xs:enumeration>      </xs:restriction>     </xs:simpletype></pre>	

#### simpleType TrackReturnMovementStatusType

namespace	http://fedex.com/ws/track/v9	
type	restriction of xs:string	
properties	base xs:string	
facets	Kind Value Annotation enumeration MOVEMENT_OCCURRED enumeration NO_MOVEMENT	
source	<xs:simpletype name="TrackReturnMovementStatusType"> <xs:restriction base="xs:string"> <xs:enumeration value="MOVEMENT_OCCURRED"></xs:enumeration> <xs:enumeration value="NO_MOVEMENT"></xs:enumeration> </xs:restriction></xs:simpletype>	



# </xs:simpleType>

Annotaation



enumeration EXTENDED\_DELIVERY EXTENDED\_PICKUP enumeration EXTRA\_LABOR enumeration EXTREME\_LENGTH enumeration **FOOD** enumeration enumeration FREIGHT\_ON\_VALUE\_CARRIER\_RISK FREIGHT\_ON\_VALUE\_OWN\_RISK enumeration FREIGHT\_TO\_COLLECT enumeration enumeration FULLY\_REGULATED\_DANGEROUS\_GOODS enumeration GEL\_PACKS\_ADDED\_OR\_REPLACED GROUND\_SUPPORT\_FOR\_SMARTPOST enumeration **GUARANTEED\_FUNDS** enumeration enumeration **HAZMAT** HIGH\_FLOOR enumeration enumeration HOLD\_AT\_LOCATION enumeration HOLIDAY\_DELIVERY INACCESSIBLE\_DANGEROUS\_GOODS enumeration INDIRECT\_SIGNATURE\_OPTION enumeration enumeration INSIDE\_DELIVERY INSIDE\_PICKUP enumeration enumeration INTERNATIONAL enumeration INTERNATIONAL\_CONTROLLED\_EXPORT INTERNATIONAL\_MAIL\_SERVICE enumeration INTERNATIONAL\_TRAFFIC\_IN\_ARMS\_REGULATIONS enumeration enumeration **LIFTGATE** enumeration LIFTGATE\_DELIVERY LIFTGATE PICKUP enumeration enumeration LIMITED\_ACCESS\_DELIVERY LIMITED\_ACCESS\_PICKUP enumeration LIMITED\_QUANTITIES\_DANGEROUS\_GOODS enumeration enumeration MARKING\_OR\_TAGGING enumeration NET\_RETURN enumeration NON\_BUSINESS\_TIME NON\_STANDARD\_CONTAINER enumeration enumeration ORDER\_NOTIFY enumeration **OTHER** enumeration OTHER\_REGULATED\_MATERIAL\_DOMESTIC PACKAGE\_RETURN\_PROGRAM enumeration enumeration PIECE\_COUNT\_VERIFICATION **POISON** enumeration enumeration **PREPAID** PRIORITY\_ALERT enumeration PRIORITY\_ALERT\_PLUS enumeration



	enumeration	PROTECTION_FROM_FREEZING
	enumeration	RAIL_MODE
	enumeration	RECONSIGNMENT_CHARGES
	enumeration	REROUTE_CROSS_COUNTRY_DEFERRED
	enumeration	REROUTE_CROSS_COUNTRY_EXPEDITED
	enumeration	REROUTE_LOCAL
	enumeration	RESIDENTIAL_DELIVERY
	enumeration	RESIDENTIAL_PICKUP
	enumeration	RETURNS_CLEARANCE
	enumeration	RETURNS_CLEARANCE_SPECIAL_ROUTING_REQUIRED
	enumeration	RETURN_MANAGER
	enumeration	SATURDAY_DELIVERY
	enumeration	SHIPMENT_PLACED_IN_COLD_STORAGE
	enumeration	SINGLE_SHIPMENT
	enumeration	SMALL_QUANTITY_EXCEPTION
		SORT_AND_SEGREGATE
	enumeration enumeration	SPECIAL_DELIVERY
	_	_
	enumeration	SPECIAL_EQUIPMENT STANDARD GROUND SERVICE
	enumeration	STANDARD_GROUND_SERVICE STORAGE
	enumeration	
	enumeration	SUNDAY_DELIVERY
	enumeration	THIRD_PARTY_BILLING
	enumeration	THIRD_PARTY_CONSIGNEE
	enumeration 	TOP_LOAD
	enumeration 	WEEKEND_DELIVERY
	enumeration	WEEKEND_PICKUP
source	<pre><xs:restriction <xs:enumera="" <xs:enumera<="" pre=""></xs:restriction></pre>	e name="TrackSpecialHandlingType"> base="xs:string"> tion value="ACCESSIBLE_DANGEROUS_GOODS"/> tion value="ADULT_SIGNATURE_OPTION"/> tion value="AIRBILL_AUTOMATION"/> tion value="AIRBILL_DELIVERY"/> tion value="ALCOHOL"/> tion value="AM_DELIVERY_GUARANTEE"/> tion value="APPOINTMENT_DELIVERY"/> tion value="BILL_RECIPIENT"/> tion value="BROKER_SELECT_OPTION"/> tion value="CALL_BEFORE_DELIVERY"/> tion value="CALL_TAG"/> tion value="CALL_TAG_DAMAGE"/> tion value="CHARGEABLE_CODE"/> tion value="COD"/> tion value="COULECT"/> tion value="CONSOLIDATION"/>
		tion value="CONSOLIDATION_SMALLS_BAG"/> tion value="CURRENCY"/>



```
<xs:enumeration value="CUT FLOWERS"/>
  <xs:enumeration value="DATE CERTAIN DELIVERY"/>
  <xs:enumeration value="DELIVERY_ON_INVOICE_ACCEPTANCE"/>
  <xs:enumeration value="DELIVERY REATTEMPT"/>
  <xs:enumeration value="DELIVERY_RECEIPT"/>
  <xs:enumeration value="DELIVER_WEEKDAY"/>
  <xs:enumeration value="DIRECT_SIGNATURE_OPTION"/>
  <xs:enumeration value="DOMESTIC"/>
  <xs:enumeration value="DO_NOT_BREAK_DOWN_PALLETS"/>
  <xs:enumeration value="DO_NOT_STACK_PALLETS"/>
  <xs:enumeration value="DRY ICE"/>
  <xs:enumeration value="DRY_ICE_ADDED"/>
  <xs:enumeration value="EAST_COAST_SPECIAL"/>
  <xs:enumeration value="ELECTRONIC_COD"/>
  <xs:enumeration value="ELECTRONIC_SIGNATURE_SERVICE"/>
  <xs:enumeration value="EVENING DELIVERY"/>
  <xs:enumeration value="EXCLUSIVE_USE"/>
  <xs:enumeration value="EXTENDED_DELIVERY"/>
  <xs:enumeration value="EXTENDED_PICKUP"/>
  <xs:enumeration value="EXTRA LABOR"/>
  <xs:enumeration value="EXTREME LENGTH"/>
  <xs:enumeration value="FOOD"/>
  <xs:enumeration value="FREIGHT_ON_VALUE_CARRIER_RISK"/>
  <xs:enumeration value="FREIGHT ON VALUE OWN RISK"/>
  <xs:enumeration value="FREIGHT TO COLLECT"/>
  <xs:enumeration value="FULLY REGULATED DANGEROUS GOODS"/>
  <xs:enumeration value="GEL_PACKS_ADDED_OR_REPLACED"/>
  <xs:enumeration value="GROUND_SUPPORT_FOR_SMARTPOST"/>
  <xs:enumeration value="GUARANTEED FUNDS"/>
  <xs:enumeration value="HAZMAT"/>
  <xs:enumeration value="HIGH FLOOR"/>
  <xs:enumeration value="HOLD AT LOCATION"/>
  <xs:enumeration value="HOLIDAY_DELIVERY"/>
  <xs:enumeration value="INACCESSIBLE DANGEROUS GOODS"/>
  <xs:enumeration value="INDIRECT_SIGNATURE_OPTION"/>
  <xs:enumeration value="INSIDE DELIVERY"/>
  <xs:enumeration value="INSIDE PICKUP"/>
  <xs:enumeration value="INTERNATIONAL"/>
  <xs:enumeration value="INTERNATIONAL_CONTROLLED_EXPORT"/>
  <xs:enumeration value="INTERNATIONAL MAIL SERVICE"/>
  <xs:enumeration</pre>
value="INTERNATIONAL TRAFFIC IN ARMS REGULATIONS"/>
  <xs:enumeration value="LIFTGATE"/>
  <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="LIMITED_QUANTITIES_DANGEROUS_GOODS"/>
  <xs:enumeration value="MARKING OR TAGGING"/>
  <xs:enumeration value="NET_RETURN"/>
  <xs:enumeration value="NON_BUSINESS_TIME"/>
  <xs:enumeration value="NON_STANDARD_CONTAINER"/>
```



```
<xs:enumeration value="ORDER NOTIFY"/>
  <xs:enumeration value="OTHER"/>
  <xs:enumeration value="OTHER_REGULATED_MATERIAL_DOMESTIC"/>
  <xs:enumeration value="PACKAGE RETURN PROGRAM"/>
  <xs:enumeration value="PIECE COUNT VERIFICATION"/>
  <xs:enumeration value="POISON"/>
  <xs:enumeration value="PREPAID"/>
  <xs:enumeration value="PRIORITY ALERT"/>
  <xs:enumeration value="PRIORITY_ALERT_PLUS"/>
  <xs:enumeration value="PROTECTION FROM FREEZING"/>
  <xs:enumeration value="RAIL MODE"/>
  <xs:enumeration value="RECONSIGNMENT_CHARGES"/>
  <xs:enumeration value="REROUTE CROSS COUNTRY DEFERRED"/>
  <xs:enumeration value="REROUTE CROSS COUNTRY EXPEDITED"/>
  <xs:enumeration value="REROUTE_LOCAL"/>
  <xs:enumeration value="RESIDENTIAL_DELIVERY"/>
  <xs:enumeration value="RESIDENTIAL_PICKUP"/>
  <xs:enumeration value="RETURNS_CLEARANCE"/>
  <xs:enumeration</pre>
value="RETURNS CLEARANCE SPECIAL ROUTING REQUIRED"/>
  <xs:enumeration value="RETURN MANAGER"/>
  <xs:enumeration value="SATURDAY DELIVERY"/>
  <xs:enumeration value="SHIPMENT PLACED IN COLD STORAGE"/>
  <xs:enumeration value="SINGLE SHIPMENT"/>
  <xs:enumeration value="SMALL QUANTITY EXCEPTION"/>
  <xs:enumeration value="SORT_AND_SEGREGATE"/>
  <xs:enumeration value="SPECIAL_DELIVERY"/>
  <xs:enumeration value="SPECIAL_EQUIPMENT"/>
  <xs:enumeration value="STANDARD GROUND SERVICE"/>
  <xs:enumeration value="STORAGE"/>
  <xs:enumeration value="SUNDAY DELIVERY"/>
  <xs:enumeration value="THIRD_PARTY_BILLING"/>
  <xs:enumeration value="THIRD_PARTY_CONSIGNEE"/>
  <xs:enumeration value="TOP LOAD"/>
  <xs:enumeration value="WEEKEND DELIVERY"/>
  <xs:enumeration value="WEEKEND PICKUP"/>
 </xs:restriction>
</xs:simpleType>
```

#### simpleType WeightUnits

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namespace	http://fedex.com/ws/track/v9		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation enumeration KG		
	enumeration LB		
annotation	documentation Identifies the collection of units of measure that can be associated with a weight value.		

