Track Service
Payment
You must remit payment in accordance with the FedEx Service Guide, tariff, service agreement or other terms or instructions provided to you by FedEx from time to time. You may not withhold payment on any shipments because of equipment failure or for the failure of FedEx to repair or replace any equipment.

Inaccurate Invoices
If you generate an inaccurate invoice, FedEx® may bill or refund to you the difference according to the FedEx Service Guide, tariff service agreement or other terms or instructions provided to you by FedEx from time to time. A request for refund on a FedEx shipment must be made in accordance with the applicable Service Guide or terms or instructions provided by FedEx from time to time. A shipment given to FedEx with incorrect information is not eligible for refund under any FedEx money-back guarantee. FedEx may suspend any applicable money-back guarantee in the event of equipment failure or if it becomes inoperative.

Confidential and Proprietary
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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

Document Organization

Resources

Support
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
- O’Reilly XML.com: www.xml.com
- Secure Socket Layer Certificates: fedex.com/us/developer/downloads/dev_cert.zip
- Web Services organization home page: www.web-services.org

Support

- Contact FedEx Web Services technical support at webservicestechsupport@fedex.com.
- 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. to 3:00 p.m. CST.
- For FedEx Customer Service, call 1.800.GoFedEx 1.800.463.3339. Customers using a FedEx® Compatible Solutions Program automation solution should contact their software provider for support.
1 Introduction

Document Overview
Printing All or Part of This Guide
Web Services, WSDL, and SOAP Overview
Implementing FedEx Web Services
Understanding the XML Schema
Implementation Process
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 GlobalShipAddress 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.

**Document Overview**

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

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

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.

Printing All or Part of This Guide
You can print all or part of this guide from the PDF version.

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.

Web Services, WSDL, and SOAP Overview
This section describes the standard coding technologies used in FedEx Web Services.

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:

```xml
<v12:RateReply xmlns:v12="http://
``` is semantically same as

```xml
<RateReply xmlns="http://fedex.com/ws/rate/v12">
``` or even (hypothetically) same as

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

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>.

### WSDL Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;definitions&gt;</td>
<td>The root element contains name space definitions.</td>
</tr>
<tr>
<td>&lt;portType&gt;</td>
<td>The most important WSDL element. It is a set of all operations that a web service can accept and is a container for &lt;operation&gt; 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.</td>
</tr>
<tr>
<td>&lt;types&gt;</td>
<td>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.</td>
</tr>
<tr>
<td>&lt;message&gt;</td>
<td>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.</td>
</tr>
<tr>
<td>&lt;operation&gt;</td>
<td>Child of the &lt;binding&gt; element that defines each operation that the port exposes. This element allows only three messages:</td>
</tr>
</tbody>
</table>

**Message - Definition**

Input Message - Data web services receive

Output Message - Data web services send

Fault Message - Error messages from web services

<service> | Contains a <port> child element that describes the URL where the service is located. This is the location of the ultimate web service. |

<binding> | 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. |

### 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.*

**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.
Example: Delete Tag Request (SOAP Message)

```xml
<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/v13">
 <SOAP-ENV:Body>
  <DeleteTagRequest>
   <WebAuthenticationDetail>
    <UserCredential>
     <Key>
      User Key
     </Key>
     <Password>
      User Password
     </Password>
    </UserCredential>
   </WebAuthenticationDetail>
   <AccountNumber>xxxxxxxx</AccountNumber>
   <WebAuthenticationDetail>
    <UserCredential>
     <Key>
      User Key
     </Key>
     <Password>
      User Password
     </Password>
    </UserCredential>
   </WebAuthenticationDetail>
   <AccountNumber>xxxxxxxx</AccountNumber>
   <Payment>
    <Status>ship</Status>
    <Payor>
     <AccountNumber>xxxxxxxx</AccountNumber>
    </Payor>
    <ConfirmationNumber>997037200019454</ConfirmationNumber>
   </Payment>
  </DeleteTagRequest>
 </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

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.

**Example Track Request**

```xml
<q0:LanguageCode>EN</q0:LanguageCode>
<q0:LocaleCode>us</q0:LocaleCode>
</q0:Localization>
<q0:TrackRequest>
<q0:TransactionDetail>
<q0:WebAuthenticationDetail>
<q0:Version>
<q0:UserCredential>
<q0:ServiceId>trck</q0:ServiceId>
<q0:Key>xxxxxxxxxxxxxxxx</q0:Key>
<q0:Password/>
<q0:UserCredential>
</q0:WebAuthenticationDetail>
<q0:ClientDetail>
<q0:SelectionDetails>
<q0:AccountNumber>xxxxxxxxx</q0:AccountNumber>
<q0:CarrierCode>FDXE</q0:CarrierCode>
<q0:MeterNumber>xxxxxxxx</q0:MeterNumber>
<q0:IntegratorId/>
<q0:Localization>
<q0:LanguageCode>EN</q0:LanguageCode>
<q0:LocaleCode>us</q0:LocaleCode>
</q0:Localization>
</q0:SelectionDetails>
<q0:Localization>
<q0:Value>797843158299</q0:Value>
<q0:LanguageCode>EN</q0:LanguageCode>
<q0:LocaleCode>us</q0:LocaleCode>
</q0:Localization>
</q0:ClientDetail>
<q0:ProcessingOptions>INCLUDE_DETAILED_SCANS</q0:ProcessingOptions>
<q0:TransactionDetail>
<q0:CustomerTransactionId>Basic_TrackRequest_q0_Internal</q0:CustomerTransactionId>
<q0:Localization>
</q0:TrackRequest>
</q0:TrackRequest>
```

**Error Handling**

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

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

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

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

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

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

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

Visual Basic Project Error

You may receive an error indicating that an element is not set, even after setting it in the code. When you set a Boolean type element to true, you may also need to set the specified element to true.

Implementing FedEx Web Services

Before you begin 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.

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 sub-elements, have simple types. Some elements have attributes. Attributes always have simple types.
• Complex types in the instance document, and some of the simple types, are defined in the schema associated with a FedEx Web Service. Other simple types are defined as part of XML schema’s repertoire of built-in simple types.

• XML schema built-in simple types are prefixed by "xs:“, which is associated with the XML schema namespace through the declaration xmlns:xs=“http://www.w3.org/2001/XMLSchema“, displayed in the schema element.

• The same prefix, and the same association, are also part of the names of built-in simple types, 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.

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.

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 ws-i.org/Profiles/BasicProfile-1.1-2004-08-24.

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.*

**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.

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

**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 part of the FedEx® Compatible Solutions Program. If improved time-to-market, cost containment, or specialized knowledge is needed, corporate development planners may want to review the available third-party solutions. To see a list of the solutions provided by the CSP providers, go to the Available CSP Solutions page at http://www.fedex.com/us/compatible-solutions/customer/.

**Certification**

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

**Go To Production**

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

Once an application has completed the above mentioned process and requirements, FedEx will enable the provider’s CSP credentials for processing all applicable services in the production environment. The URL needed to direct the CSP application to the FedEx production servers will also be provided. The provider would then need to obtain production User Credentials (Register CSP User Service) and a production meter number (Subscribe Service). Once this information has been obtained with the connection
directed to the production servers, the provider’s application is considered live.

**Requirements for Corporate and Non-Commercial Developers**

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

**Requirements and Resources for Corporate Developers**

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

<table>
<thead>
<tr>
<th>Requirements and Resources for Corporate Developers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Must be accepted into the FedEx® Compatible Solutions Program (CSP)</td>
<td>No</td>
</tr>
<tr>
<td>Self-certification of implementations using standard services</td>
<td>Yes</td>
</tr>
<tr>
<td>Self-certification of implementations using advanced services</td>
<td>No</td>
</tr>
<tr>
<td>Certification assistance</td>
<td>Yes (WISC team)</td>
</tr>
<tr>
<td>FedEx supports the customer directly</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**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.

**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.


**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.
2 Tracking and Visibility Services

- Tracking Shipments
- Signature Proof of Delivery (SPOD)
- Notification

- FedEx InSight
- Error Messages
The TrackService WSDL provides the following services to actively track your shipments:

- **Tracking Service**
  Use the TrackService WSDL to obtain timely and accurate tracking information for FedEx Express®, FedEx Ground®, FedEx SmartPost®, FedEx Home Delivery®, FedEx Express® Freight, and FedEx Custom Critical® 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 proof 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®**
  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](http://fedex.com/insight).

### 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).

### Batch Tracking

Batch tracking is not available. Only one tracking number is allowed per request.

### 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 **Signature Proof of Delivery (SPOD)** are available for 18 months after the ship date.
- FedEx Express shipments support intra-Mexico shipping for Signature Proof of Delivery (SPOD).
- FedEx Custom Critical **Signature Proof of Delivery (SPOD)** is available for 90 days.
• The TrackService WSDL handles tracking numbers individually. **Batch tracking is not supported in this service.**
• 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 TrackRequest Elements, TrackReply Elements and the Track Schema for syntax details.

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

### Tracking Service Options

The following options are available with this service:

#### 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.

#### 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.

**Tracking requests cannot be batch processed at this time.**

#### 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.

#### 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.

### TrackRequest Elements

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

**Table 1. TrackRequest Elements**

<table>
<thead>
<tr>
<th>Element</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TrackRequest/SelectionDetails</td>
<td>No</td>
<td>Specifies the details needed to select the shipment being requested to be tracked.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/CarrierCode</td>
<td>No</td>
<td>The FedEx operating company (transportation) used for this package’s delivery.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/OperatingCompany</td>
<td>No</td>
<td>Identifies operating transportation company that is specific to the carrier code.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/PackagelIdentifier</td>
<td>No</td>
<td>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:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Value: The value to be used to retrieve tracking information for a package.</td>
</tr>
</tbody>
</table>

**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
- RETURN_MATERIALS_AUTHORIZATION
- RETURNED_TO_SHIPPER_TRACKING_NUMBER
- TRACKING_CONTROL_NUMBER
- TRACKING_NUMBER_OR_DOORTAG
- TRANSPORTATION_CONTROL_NUMBER
- SHIPPER_REFERENCE
- STANDARD_MPS

| TrackRequest/SelectionDetails/TrackingNumberUniqueIdentifier | No | Used to distinguish duplicate FedEx tracking numbers. |
## Table 1. TrackRequest Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TrackRequest/SelectionDetails/ShipDateRangeBegin</td>
<td>No</td>
<td>To narrow the search to a period in time, use the ShipDateRangeBegin and ShipDateRangeEnd to help eliminate duplicates.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/ShipDateRangeEnd</td>
<td>No</td>
<td>To narrow the search to a period in time, use the ShipDateRangeBegin and ShipDateRangeEnd to help eliminate duplicates.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/ShipmentAccountNumber</td>
<td>No</td>
<td>For tracking by references information, either the account number, or destination postal code and country must be provided.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/SecureSpodAccount</td>
<td>No</td>
<td>Specifies the SPOD account number for the shipment being tracked.</td>
</tr>
<tr>
<td>TrackRequest/SelectionDetails/Destination</td>
<td>No</td>
<td>For tracking by references information, either the account number, or destination postal code and country must be provided.</td>
</tr>
</tbody>
</table>
| 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/CustomerSpecifiedTimeOutValueInMilliseconds | No | The customer can specify a desired time out value for this particular tracking number. |

## Example Track Request

```xml
<q0:TrackRequest>
  <q0:WebAuthenticationDetail>
    <q0:UserCredential>
      <q0:Key>xxxxxxxxxxxxxxxx</q0:Key>
      <q0:Password/>
    </q0:UserCredential>
  </q0:WebAuthenticationDetail>
  <q0:ClientDetail>
    <q0:AccountNumber>xxxxxxxx</q0:AccountNumber>
    <q0:MeterNumber>xxxxxxxx</q0:MeterNumber>
    <q0:IntegratorId/>
    <q0:Localization>
      <q0:LanguageCode>EN</q0:LanguageCode>
      <q0:LocaleCode>us</q0:LocaleCode>
    </q0:Localization>
  </q0:ClientDetail>
  <q0:TransactionDetail>
    <q0:CustomerTransactionId>Basic_TrackRequest_q0_Internal</q0:CustomerTransactionId>
    <q0:TransactionId>
      <q0:Localization>
        <q0:LanguageCode>EN</q0:LanguageCode>
        <q0:LocaleCode>us</q0:LocaleCode>
      </q0:Localization>
    </q0:TransactionId>
  </q0:TransactionDetail>
</q0:TrackRequest>
```
TrackReply Elements

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

Table 2. TrackReply Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TrackReply/HighestSeverity</td>
<td>Contains the severity type of the most severe Notification in the Notifications array.</td>
</tr>
<tr>
<td>TrackReply/Notifications</td>
<td>Information about the request/reply such was the transaction successful or not and any additional information relevant to the request or reply. There may be multiple Notifications in a reply.</td>
</tr>
<tr>
<td>TrackReply/CompletedTrackDetails</td>
<td>Contains detailed tracking entry information.</td>
</tr>
<tr>
<td>TrackReply/CompletedTrackDetails/HighestSeverity</td>
<td>Contains the severity type of the most severe Notification in the Notifications array.</td>
</tr>
</tbody>
</table>

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

Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notification</td>
<td>To report soft error on an individual track detail.</td>
</tr>
<tr>
<td>TrackingNumber</td>
<td>The FedEx package identifier.</td>
</tr>
<tr>
<td>Barcode</td>
<td>Each instance of this data type represents a barcode whose content must be represented as ASCII text, such as not binary data.</td>
</tr>
<tr>
<td>Barcode/Type</td>
<td>The kind of barcode data in this instance. Valid values are:</td>
</tr>
<tr>
<td></td>
<td>• ADDRESS</td>
</tr>
<tr>
<td></td>
<td>• ASTRA</td>
</tr>
<tr>
<td></td>
<td>• FEDEX_1D</td>
</tr>
<tr>
<td></td>
<td>• GROUND</td>
</tr>
</tbody>
</table>
### Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• POSTAL</td>
<td>A human-readable description of this status.</td>
</tr>
<tr>
<td>• USPS</td>
<td>A human-readable description of this status.</td>
</tr>
<tr>
<td>Barcode/Value</td>
<td>The data content of this instance.</td>
</tr>
<tr>
<td>TrackingNumberUniqueIdentifier</td>
<td>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.</td>
</tr>
<tr>
<td>StatusDetail</td>
<td>Specifies details about the status of the shipment being tracked.</td>
</tr>
<tr>
<td>StatusDetail/CreationTime</td>
<td>An ISO8601DateTime.</td>
</tr>
<tr>
<td>StatusDetail/Code</td>
<td>A code that identifies this type of status.</td>
</tr>
<tr>
<td>StatusDetail/Description</td>
<td>A human-readable description of this status.</td>
</tr>
<tr>
<td>StatusDetail/Location</td>
<td>Address information related to the associated Status Detail Code and Description.</td>
</tr>
<tr>
<td></td>
<td>Valid values are:</td>
</tr>
<tr>
<td></td>
<td>• City</td>
</tr>
<tr>
<td></td>
<td>• State</td>
</tr>
<tr>
<td></td>
<td>• Country</td>
</tr>
<tr>
<td>StatusDetail/AncillaryDetails</td>
<td>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 city-state-ZIP combination within the U.S.</td>
</tr>
<tr>
<td>CustomerExceptionRequests</td>
<td>Unique identifier for the customer exception request.</td>
</tr>
<tr>
<td>CustomerExceptionRequests/Id</td>
<td>Unique identifier for the customer exception request.</td>
</tr>
<tr>
<td>CustomerExceptionRequests/StatusCode</td>
<td>A code that identifies this type of status.</td>
</tr>
<tr>
<td>CustomerExceptionRequests/StatusDescription</td>
<td>A human-readable description of this status.</td>
</tr>
<tr>
<td>CustomerExceptionRequests/CreateTime</td>
<td>An ISO8601DateTime.</td>
</tr>
<tr>
<td>Reconciliation</td>
<td>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.</td>
</tr>
<tr>
<td>ServiceCommitMessage</td>
<td>Used to convey information such as:</td>
</tr>
<tr>
<td></td>
<td>1. FedEx has received information about a package but has not yet taken possession of it.</td>
</tr>
<tr>
<td></td>
<td>2. FedEx has handed the package off to a third party for final delivery.</td>
</tr>
<tr>
<td></td>
<td>3. The package delivery has been cancelled.</td>
</tr>
<tr>
<td>DestinationServiceArea</td>
<td>A FedEx-specific code that indicates the level of service that FedEx is committed to provide for package delivery.</td>
</tr>
<tr>
<td>DestinationServiceAreaDescription</td>
<td>Descriptive text to provide additional explanation about the Destination Service Area.</td>
</tr>
<tr>
<td>CarrierCode</td>
<td>Identifies a FedEx operating company (transportation).</td>
</tr>
<tr>
<td>OperatingCompany</td>
<td>Identifies operating transportation company that is specific to the carrier code.</td>
</tr>
<tr>
<td>OperatingCompanyOrCarrierDescription</td>
<td>Specifies a detailed description about the carrier or the operating company.</td>
</tr>
<tr>
<td>ProductionLocationContactAndAddress</td>
<td>Specifies the FedEx office production center contact and address.</td>
</tr>
<tr>
<td>OtherIdentifiers</td>
<td>Other related identifiers for this package such as reference numbers.</td>
</tr>
<tr>
<td>OtherIdentifiers/PackageIdentifier</td>
<td>Required. The type and value of the package identifier that is to be used to retrieve the tracking information for a package.</td>
</tr>
</tbody>
</table>
### Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OtherIdentifiers/PackageIdentifier/Type</td>
<td>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.</td>
</tr>
<tr>
<td>OtherIdentifiers/PackageIdentifier/Value</td>
<td>Required. The value to be used to retrieve tracking information for a package.</td>
</tr>
<tr>
<td>OtherIdentifiers/TrackingNumberUniqueIdentifier</td>
<td>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.</td>
</tr>
<tr>
<td>OtherIdentifiers/CarrierCode</td>
<td>The FedEx operating company (transportation) used for this package's delivery.</td>
</tr>
<tr>
<td>Service</td>
<td>Specifies details about service such as service description and type.</td>
</tr>
<tr>
<td>Service/Type</td>
<td>The service type of the package/shipment, such as FEDEX_CARGO_AIRPORT_TO_AIRPORT.</td>
</tr>
<tr>
<td>Service/Description</td>
<td>Complete and accurate description of this service. Descriptive text for the associated Service/Type.</td>
</tr>
<tr>
<td>Service/ShortDescription</td>
<td>Specifies a shorter description for the service that is calculated per the service code.</td>
</tr>
<tr>
<td>PackageWeight</td>
<td>The weight of this package.</td>
</tr>
<tr>
<td>PackageDimensions</td>
<td>Physical dimensions of the package.</td>
</tr>
<tr>
<td>PackageDimensionalWeight</td>
<td>The dimensional weight of the package.</td>
</tr>
<tr>
<td>ShipmentWeight</td>
<td>The weight of the entire shipment.</td>
</tr>
<tr>
<td>Packaging</td>
<td>Retained for legacy compatibility only.</td>
</tr>
<tr>
<td>PackagingType</td>
<td>Strict representation of the Packaging type, such as FEDEX_BOX, YOUR_PACKAGING, and so on.</td>
</tr>
<tr>
<td>PackagingType</td>
<td>Strict representation of the Packaging type, such as FEDEX_BOX, YOUR_PACKAGING, and so on.</td>
</tr>
<tr>
<td>PackageSequenceNumber</td>
<td>The sequence number of this package in a shipment. This would be 2 if it was package number 2 of 4.</td>
</tr>
<tr>
<td>PackageCount</td>
<td>The number of packages in this shipment.</td>
</tr>
<tr>
<td>Charges</td>
<td>Specifies the details about the Single Point of Clearance (SPOC) details.</td>
</tr>
<tr>
<td>Charges/Type</td>
<td>The descriptive information about the type of charges. Valid value is ORIGINAL_CHARGES.</td>
</tr>
<tr>
<td>Charges/ChargeAmount</td>
<td>The currency amount billed for services rendered.</td>
</tr>
<tr>
<td>ShipmentContents</td>
<td>This is a hierarchical field; it does not contain data but identifies that the lower-level fields will be related to the shipment contents.</td>
</tr>
<tr>
<td>ShipmentContents/PartNumber</td>
<td>The part number.</td>
</tr>
<tr>
<td>ShipmentContents/ItemNumber</td>
<td>The item number.</td>
</tr>
<tr>
<td>ShipmentContents/ReceivedQuantity</td>
<td>The quantity of the item received, in the form of a non-negative integer.</td>
</tr>
<tr>
<td>ShipmentContents/Description</td>
<td>The descriptive data identifying the contents of the shipment.</td>
</tr>
<tr>
<td>PackageContents</td>
<td>Specifies the contents of the package.</td>
</tr>
<tr>
<td>Commodities</td>
<td>Describes the kinds and quantities of all commodities in the shipment.</td>
</tr>
<tr>
<td>Commodities/CommodityId</td>
<td>Value used to identify a commodity description; must be unique within the containing shipment.</td>
</tr>
<tr>
<td>Commodities/Name</td>
<td>Specify name of the commodity.</td>
</tr>
</tbody>
</table>
Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodities/NumberOfPieces</td>
<td>Specify number of pieces for the commodity.</td>
</tr>
<tr>
<td>Commodities/Description</td>
<td>Complete and accurate description of the commodity.</td>
</tr>
<tr>
<td>Commodities/CountryOfManufacture</td>
<td>Country code where commodity contents were produced or manufactured in their final form.</td>
</tr>
<tr>
<td>Commodities/HarmonizedCode</td>
<td>The unique alpha/numeric code representing the commodity item.</td>
</tr>
<tr>
<td>Commodities/Weight</td>
<td>Specify weight of commodity.</td>
</tr>
<tr>
<td>Commodities/Quantity</td>
<td>Specify quantity of commodity. This field is used for enterprise transactions.</td>
</tr>
<tr>
<td>Commodities/QuantityWithFraction</td>
<td>This field is only for use in upload file construction and processing.</td>
</tr>
<tr>
<td>Commodities/QuantityUnits</td>
<td>Unit of measure used to express the quantity of this commodity line item.</td>
</tr>
<tr>
<td>Commodities/AdditionalMeasures</td>
<td>Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.</td>
</tr>
<tr>
<td>Commodities/UnitPrice</td>
<td>Value of each unit in Quantity. Six explicit decimal places positions.</td>
</tr>
<tr>
<td>Commodities/CustomsValue</td>
<td>Specify customs value for commodity.</td>
</tr>
<tr>
<td>Commodities/ExciseCondition</td>
<td>Defines additional characteristics of commodity used to calculate duties and taxes.</td>
</tr>
<tr>
<td>Commodities/ExportLicenseExpirationDate</td>
<td>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.</td>
</tr>
<tr>
<td>Commodities/CIMarksAndNumbers</td>
<td>An identifying mark or number used on the packaging of a shipment to help customers identify a particular shipment.</td>
</tr>
</tbody>
</table>

Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodities/PartNumber</td>
<td>The part number.</td>
</tr>
<tr>
<td>Commodities/NaftaDetail</td>
<td>All data required for this commodity in NAFTA Certificate of Origin.</td>
</tr>
<tr>
<td>Commodities/NaftaDetail/ProducId</td>
<td>Defined by NAFTA regulations. See instructions for NAFTA Certificate of Origin for code definitions. Valid values are: • A • B • C • D • E • F</td>
</tr>
<tr>
<td>Commodities/NaftaDetail/ProducerDetermination</td>
<td>Defined by NAFTA regulations. See instructions for NAFTA Certificate of Origin for code definitions. Valid values are: • NO_1 • NO_2 • NO_3 • YES</td>
</tr>
<tr>
<td>Commodities/NaftaDetail/ProducerId</td>
<td>Identification of which producer is associated with this commodity (if multiple producers are used in a single shipment).</td>
</tr>
<tr>
<td>Commodities/NaftaDetail/NetCostMethod</td>
<td>Valid values are: • NC: Net cost method used for RCV calculation. • NO: Net cost method not used.</td>
</tr>
<tr>
<td>Commodities/NaftaDetail/NetCostDateRange</td>
<td>Date range over which RVC net cost was calculated.</td>
</tr>
</tbody>
</table>
### Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ReturnDetail</td>
<td>This is a hierarchical field; it does not contain data but identifies that the lower-level fields will be related to a return shipment.</td>
</tr>
<tr>
<td>ReturnDetail/MovementStatus</td>
<td>Identifies whether the return shipment has actually been returned.</td>
</tr>
<tr>
<td></td>
<td>Valid values are:</td>
</tr>
<tr>
<td></td>
<td>• OTHER: Other reason, outbound and inbound. This type requires a description.</td>
</tr>
<tr>
<td></td>
<td>• REJECTED: For rejected merchandise being returned, inbound.</td>
</tr>
<tr>
<td></td>
<td>• REPLACEMENT: For replacement being sent, outbound only.</td>
</tr>
<tr>
<td></td>
<td>• TRIAL: For use in a trial, outbound and inbound.</td>
</tr>
<tr>
<td>ReturnDetail/LabelType</td>
<td>Specifies the label that is to be put on a return package.</td>
</tr>
<tr>
<td></td>
<td>Valid values are:</td>
</tr>
<tr>
<td>ReturnDetail/Description</td>
<td>Descriptive text about the return shipment, entered by the customer.</td>
</tr>
<tr>
<td>ReturnDetail/AuthorizationName</td>
<td>Name of person authorizing the return, entered by the customer.</td>
</tr>
<tr>
<td>CustomsOptionDetails/Type</td>
<td>Specifies the reason for an international return, as recognized by Customs.</td>
</tr>
<tr>
<td></td>
<td>Valid values are:</td>
</tr>
<tr>
<td></td>
<td>• FAULTY_ITEM: For faulty item being returned, inbound only.</td>
</tr>
<tr>
<td></td>
<td>• FOLLOWING_REPAIR: For repaired or processed item being sent, outbound only.</td>
</tr>
<tr>
<td></td>
<td>• FOR_REPAIR: For repair or processing, outbound and inbound.</td>
</tr>
<tr>
<td>CustomsOptionDetails/Description</td>
<td>Specifies additional description about customs options. This is a required field when the CustomsOptionType is &quot;OTHER.&quot;</td>
</tr>
<tr>
<td>AdvanceNotificationDetail</td>
<td>The details of the advance notification, such as estimated time of arrival, reason and status.</td>
</tr>
<tr>
<td>ShipperAddress</td>
<td>The address information for the shipper.</td>
</tr>
<tr>
<td>OriginLocationAddress</td>
<td>The address of the FedEx pickup location/facility.</td>
</tr>
<tr>
<td>EstimatedPickupTimestamp</td>
<td>Estimated package pickup time for shipments that haven’t been picked up.</td>
</tr>
<tr>
<td>ShipTimestamp</td>
<td>Time package was shipped/tendered over to FedEx. Time portion will be populated if available, otherwise will be set to midnight.</td>
</tr>
<tr>
<td>TotalTransitDistance</td>
<td>The distance from the origin to the destination. Returned for Custom Critical shipments.</td>
</tr>
<tr>
<td>DistanceToDestination</td>
<td>Total distance package still has to travel. Returned for Custom Critical shipments.</td>
</tr>
<tr>
<td>DestinationAddress</td>
<td>The address this package is to be (or has been) delivered.</td>
</tr>
<tr>
<td>HoldAtLocationContact</td>
<td>The descriptive data for a point-of-contact person.</td>
</tr>
<tr>
<td>HoldAtLocationAddress</td>
<td>The address this package is requested to be placed on hold at.</td>
</tr>
</tbody>
</table>
### Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DestinationLocationAddress</td>
<td>The address of the FedEx delivery location/facility.</td>
</tr>
<tr>
<td>AppointmentDeliveryTimestamp</td>
<td>Date and time the package would be delivered if the package has appointment delivery as a special service.</td>
</tr>
<tr>
<td>EstimatedDeliveryTimestamp</td>
<td>Projected package delivery time based on ship time stamp, service and destination. Not populated if delivery has already occurred.</td>
</tr>
<tr>
<td>ActualDeliveryTimestamp</td>
<td>The time the package was actually delivered.</td>
</tr>
<tr>
<td>ActualDeliveryAddress</td>
<td>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.</td>
</tr>
<tr>
<td>OfficeOrderDeliveryMethod</td>
<td>Identifies the method of office order delivery.</td>
</tr>
<tr>
<td>DeliveryLocationType</td>
<td>Strict text indicating the delivery location at the delivered to address.</td>
</tr>
<tr>
<td>DeliveryLocationDescription</td>
<td>User/screen friendly representation of the DeliveryLocationType (delivery location at the delivered to address). Can be returned in localized text.</td>
</tr>
<tr>
<td>DeliveryAttempts</td>
<td>Specifies the number of delivery attempts made to deliver the shipment.</td>
</tr>
<tr>
<td>DeliverySignatureName</td>
<td>This is either the name of the person that signed for the package or &quot;Signature not requested&quot; or &quot;Signature on file.&quot;</td>
</tr>
<tr>
<td>PieceCountVerificationDetails</td>
<td>Specifies the details about the count of the packages delivered at the delivery location and the count of the packages at the origin.</td>
</tr>
<tr>
<td>PieceCountVerificationDetails/CountLocationType</td>
<td>The type of location. Valid values are: DESTINATION ORIGIN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PieceCountVerificationDetails/CountLocationType</td>
<td>The count of the pieces in the form of a non-negative integer.</td>
</tr>
<tr>
<td>PieceCountVerificationDetails/Description</td>
<td>Describes the piece count verification.</td>
</tr>
<tr>
<td>AvailableImages</td>
<td>The type of image available.</td>
</tr>
<tr>
<td>Signature</td>
<td>The signature image if available.</td>
</tr>
<tr>
<td>NotificationEventsAvailable</td>
<td>The types of email notifications that are available for the package.</td>
</tr>
<tr>
<td>SplitShipmentParts</td>
<td>Returned for cargo shipments only when they are currently split across vehicles. Applies to FedEx Freight shipments.</td>
</tr>
<tr>
<td>SplitShipmentParts/PartCount</td>
<td>The number of pieces in this part.</td>
</tr>
<tr>
<td>SplitShipmentParts/Timestamp</td>
<td>The date and time this status began.</td>
</tr>
<tr>
<td>SplitShipmentParts/StatusType</td>
<td>A code that identifies this type of status.</td>
</tr>
<tr>
<td>SplitShipmentParts/StatusDescription</td>
<td>A human-readable description of this status.</td>
</tr>
<tr>
<td>RedirectToHoldEligibility</td>
<td>Indicates redirection eligibility as determined by tracking service, subject to refinement/override by redirect-to-hold service. Valid values are:</td>
</tr>
<tr>
<td>Events</td>
<td>Event information for a tracking number.</td>
</tr>
<tr>
<td>Events/Timestamp</td>
<td>The time this event occurred.</td>
</tr>
<tr>
<td>Events/EventType</td>
<td>Carrier's scan code. Pairs with EventDescription.</td>
</tr>
<tr>
<td>Events/EventDescription</td>
<td>Literal description that pairs with the EventType.</td>
</tr>
<tr>
<td>Events/StatusExceptionType</td>
<td>Further defines the Scan Type code's specific type, such as DEX08 business closed. Pairs with StatusExceptionDescription.</td>
</tr>
<tr>
<td>Events/StatusExceptionDescription</td>
<td>Literal description that pairs with the StatusExceptionType.</td>
</tr>
</tbody>
</table>
Table 3. TrackReply/CompletedTrackDetails/TrackDetails Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Events/Address</td>
<td>Address information of the station that is responsible for the scan.</td>
</tr>
<tr>
<td>Events/StationId</td>
<td>Station identification.</td>
</tr>
</tbody>
</table>

Example TrackReply

```xml
<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:TrackingNumberUniqueIdentifier>2455910000</q0:TrackingNumberUniqueIdentifier>
    <q0:StatusDetail>
      <q0:CustomerTransactionId>Basic_TrackRequest_q0_Internal</q0:CustomerTransactionId>
      <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:Notifications>
        </q0:CompletedTrackDetails>
        <q0:Notifications>
          <q0:Severity>SUCCESS</q0:Severity>
        </q0:Notifications>
      </q0:TransactionDetail>
    </q0:StatusDetail>
    <q0:CarrierCode>FDXE</q0:CarrierCode>
    <q0:Version>
      <q0:Description>Delivered</q0:Description>
      <q0:Location>
        <q0:Residential>false</q0:Residential>
      </q0:Location>
    </q0:Version>
    <q0:TransactionDetail>
      <q0:ServiceId>trck</q0:ServiceId>
      <q0:Major>7</q0:Major>
      <q0:Intermediate>0</q0:Intermediate>
      <q0:Minor>0</q0:Minor>
    </q0:TransactionDetail>
    <q0:Notifications>
      <q0:Severity>SUCCESS</q0:Severity>
    </q0:Notifications>
  </q0:Notifications>
</q0:TrackReply>
```
<q0:Type>FEDEX_2_DAY</q0:Type>

Service</q0:Description>

</q0:Service>

<q0:PackageSequenceNumber>0</q0:PackageSequenceNumber>
<q0:PackageCount>0</q0:PackageCount>

<q0:ShipTimestamp>2011-12-14T00:00:00</q0:ShipTimestamp>
<q0:DestinationAddress>
  <q0:City>STAFFORD</q0:City>
  <q0:StateProvinceCode>VA</q0:StateProvinceCode>
  <q0:CountryCode>US</q0:CountryCode>
  <q0:PostalCode>22556</q0:PostalCode>
</q0:DestinationAddress>

<q0:ActualDeliveryTimestamp>2011-12-16T16:11:00</q0:ActualDeliveryTimestamp>
<q0:ActualDeliveryAddress>
  <q0:City>STAFFORD</q0:City>
  <q0:StateProvinceCode>VA</q0:StateProvinceCode>
  <q0:CountryCode>US</q0:CountryCode>
</q0:ActualDeliveryAddress>

<q0:RedirectToHoldEligibility>INELIGIBLE</q0:RedirectToHoldEligibility>
<q0:Events>
</q0:Events>

<q0:RedirectToHoldEligibility>INELIGIBLE</q0:RedirectToHoldEligibility>
<q0:Events>
</q0:Events>

<q0:Timestamp>2011-12-16T16:11:00</q0:Timestamp>
<q0:EventDescription>Delivered</q0:EventDescription>

Tracking Scans
This table defines the tracking scan codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>At Airport</td>
</tr>
<tr>
<td>AD</td>
<td>At Delivery</td>
</tr>
<tr>
<td>AF</td>
<td>At FedEx Facility</td>
</tr>
<tr>
<td>AP</td>
<td>At Pickup</td>
</tr>
<tr>
<td>CA</td>
<td>Shipment Canceled</td>
</tr>
<tr>
<td>CH</td>
<td>Location Changed</td>
</tr>
<tr>
<td>DE</td>
<td>Delivery Exception</td>
</tr>
<tr>
<td>DL</td>
<td>Delivered</td>
</tr>
<tr>
<td>DP</td>
<td>Departed FedEx Location</td>
</tr>
<tr>
<td>EO</td>
<td>Enroute to Origin Airport</td>
</tr>
<tr>
<td>EP</td>
<td>Enroute to Pickup</td>
</tr>
<tr>
<td>FD</td>
<td>At FedEx Destination</td>
</tr>
<tr>
<td>HL</td>
<td>Hold at Location</td>
</tr>
<tr>
<td>IT</td>
<td>In Transit</td>
</tr>
<tr>
<td>LD</td>
<td>Left Origin</td>
</tr>
<tr>
<td>OC</td>
<td>Order Created</td>
</tr>
<tr>
<td>OD</td>
<td>Out for Delivery</td>
</tr>
<tr>
<td>PF</td>
<td>Plane in Flight</td>
</tr>
</tbody>
</table>
Table 4. Tracking Status Scan Codes, continued

<table>
<thead>
<tr>
<th>Code</th>
<th>Definition</th>
<th>Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR</td>
<td>Vehicle Furnished, Not Used</td>
<td>PL</td>
<td>Plane Landed</td>
</tr>
<tr>
<td>DS</td>
<td>Vehicle dispatched</td>
<td>PU</td>
<td>Picked Up</td>
</tr>
<tr>
<td>DY</td>
<td>Delay</td>
<td>RS</td>
<td>Return to Shipper</td>
</tr>
<tr>
<td>EA</td>
<td>Enroute to Airport delay</td>
<td>SE</td>
<td>Shipment Exception</td>
</tr>
<tr>
<td>ED</td>
<td>Enroute to Delivery</td>
<td>SF</td>
<td>At Sort Facility</td>
</tr>
<tr>
<td>EO</td>
<td>Enroute to Origin airport</td>
<td>SP</td>
<td>Split status - multiple statuses</td>
</tr>
<tr>
<td>EP</td>
<td>Enroute to Pickup</td>
<td>TR</td>
<td>Transfer</td>
</tr>
</tbody>
</table>

**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.

**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 **FedEx Service Guide**.

**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

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

**Example SPODLetterRequest**

```xml
&q0:SignatureProofOfDeliveryLetterRequest
  &q0:WebAuthenticationDetail
    &q0:UserCredential
      &q0:Key>XXXXXXXX</q0:Key>
      &q0:Password>XXXXXXXX</q0:Password>
    &q0:ClientDetail>
```
Chapter 2
Tracking and Visibility Services

Table 7. SPOD Fax Request Elements

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

SPODLetterReply Elements

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

Table 6. SPOD Letter Reply Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter</td>
<td>Base64-encoded SPOD letter.</td>
</tr>
</tbody>
</table>

SPDFaxRequest 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 SPDFaxRequest.

SPDFaxReply Elements

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

Table 8. SPOD Fax Reply Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FaxConfirmationNumber</td>
<td>Number of the FAX where confirmation is to be sent.</td>
</tr>
</tbody>
</table>

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.

**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.

**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 SPOD Sample Letter – Partial example.

**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 SPOD Sample Letter – Full example.

**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.

**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.*
SPOD Sample Letter – Partial

Dear Customer:

The following is the proof of delivery you requested with the tracking number 1234567890123.

Delivery Information:

<table>
<thead>
<tr>
<th>Status</th>
<th>Delivered</th>
<th>Delivery Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signed for</td>
<td>John G. Rude</td>
<td>Jun 1, 2023 9:23 AM</td>
</tr>
<tr>
<td>Service Type</td>
<td>FedEx 2 Day Service</td>
<td></td>
</tr>
</tbody>
</table>

Shipping Information:

<table>
<thead>
<tr>
<th>Tracking Number</th>
<th>Ship Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234567890123</td>
<td>May 21, 2023</td>
</tr>
</tbody>
</table>

Recipient: ENGLEWOOD, CO 80112
Shipped to: MIDNIGHT, TX 85

Thank you for choosing FedEx Express.

FedEx Worldwide Customer Service
1-800-GoFedEx (1-800-463-3939)

SPOD Sample Letter – Full

Dear Customer:

The following is the proof of delivery you requested with the tracking number 1234567890123.

Delivery Information:

<table>
<thead>
<tr>
<th>Status</th>
<th>Delivered</th>
<th>Delivery Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signed for</td>
<td>John G. Rude</td>
<td>Jun 1, 2023 9:23 AM</td>
</tr>
<tr>
<td>Service Type</td>
<td>FedEx 2 Day Service</td>
<td></td>
</tr>
</tbody>
</table>

Shipping Information:

<table>
<thead>
<tr>
<th>Tracking Number</th>
<th>Ship Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234567890123</td>
<td>May 21, 2023</td>
</tr>
</tbody>
</table>

Recipient: ENGLEWOOD, CO 80112
Shipped to: MIDNIGHT, TX 85

Thank you for choosing FedEx Express.

FedEx Worldwide Customer Service
1-800-GoFedEx (1-800-463-3939)
Notification

Notification may be included using the TrackService WSDL SendNotificationsRequest or in the ShipService. Notification allows you to request that email exception and delivery 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.

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.

- 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

<table>
<thead>
<tr>
<th>Value</th>
<th>Language</th>
<th>Locale Code (required if indicated below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA</td>
<td>Danish</td>
<td></td>
</tr>
<tr>
<td>DE</td>
<td>German</td>
<td></td>
</tr>
<tr>
<td>EN</td>
<td>English (default value)</td>
<td></td>
</tr>
<tr>
<td>ES</td>
<td>Spanish (Latin America)</td>
<td>ES</td>
</tr>
<tr>
<td>ES</td>
<td>Spanish (North America)</td>
<td>US</td>
</tr>
<tr>
<td>FR</td>
<td>French (Canada)</td>
<td>CA</td>
</tr>
<tr>
<td>FR</td>
<td>French (Europe)</td>
<td></td>
</tr>
<tr>
<td>IT</td>
<td>Italian</td>
<td></td>
</tr>
<tr>
<td>JA</td>
<td>Kanji (Japan)</td>
<td></td>
</tr>
<tr>
<td>KO</td>
<td>Korean</td>
<td></td>
</tr>
<tr>
<td>NL</td>
<td>Dutch</td>
<td></td>
</tr>
<tr>
<td>PT</td>
<td>Portuguese (Latin America)</td>
<td></td>
</tr>
<tr>
<td>SV</td>
<td>Swedish</td>
<td></td>
</tr>
<tr>
<td>ZH</td>
<td>Chinese (simplified)</td>
<td>CN</td>
</tr>
<tr>
<td>ZH</td>
<td>Chinese (Taiwan)</td>
<td>TW</td>
</tr>
<tr>
<td>ZH</td>
<td>Chinese (Hong Kong)</td>
<td>HK</td>
</tr>
</tbody>
</table>

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

SendNotificationsRequest Elements

Table 10. Send Notifications Request Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TrackingNumber</td>
<td>Required</td>
<td>Tracking number.</td>
</tr>
<tr>
<td>MultiPiece</td>
<td>Optional</td>
<td>Indicates whether to return tracking information for all associated packages.</td>
</tr>
<tr>
<td>PagingToken</td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td>TrackingNumberUniqueId</td>
<td>Optional</td>
<td>Populate only if the TrackingNumberUniqueId is known from a previous Tracking request or an email notifications request that resulted in a duplicate reply.</td>
</tr>
<tr>
<td>ShipDateRangeBegin</td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td>ShipDateRangeEnd</td>
<td>Optional</td>
<td>If provided, ShipDateRangeBegin is required.</td>
</tr>
<tr>
<td>SenderEMailAddress</td>
<td>Required</td>
<td>Valid email address of notification requestor.</td>
</tr>
<tr>
<td>SenderContactName</td>
<td>Required</td>
<td>Valid contact name of notification requestor.</td>
</tr>
<tr>
<td>NotificationDetailEMail</td>
<td>Optional</td>
<td>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.</td>
</tr>
</tbody>
</table>

Table 10. Send Notifications Request Elements, continued

<table>
<thead>
<tr>
<th>Element</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NotificationDetail/PersonalMessage</td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td>NotificationDetail/Recipients</td>
<td>Required</td>
<td>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.</td>
</tr>
</tbody>
</table>
| 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 | Optional | The language/locale to be used in this email notification:  
  • HTML  
  • TEXT  
  • WIRELESS |
<p>| EMailNotificationDetail/Recipients/Localization | Required | The language/locale to be used in this email notification |</p>
<table>
<thead>
<tr>
<th>Element</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recipients/Localization/Localization/Recipients/Localization/Recipients/Localization/Intermediate</td>
<td>Required</td>
<td>You may include a language code to have the email message returned in that language. See Notification Service Details on page 36 for a table of valid language codes. If no value is included with this element, the default is en (English).</td>
</tr>
<tr>
<td>Recipients/Localization/Localization/Intermediate</td>
<td>Optional</td>
<td>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. See Notification Service Details on page 36 for a table of valid locale codes.</td>
</tr>
</tbody>
</table>

**Example Send Notifications Request**

```xml
<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/q0">
      <WebAuthenticationDetail>
        <UserCredential>
          <Key>xxxxxxxxxxxxxxxxxxx</Key>
          <Password/>
        </UserCredential>
      </WebAuthenticationDetail>
      <ClientDetail>
        <AccountNumber>000000000</AccountNumber>
        <MeterNumber>000000000</MeterNumber>
        <Localization>
          <LanguageCode>en</LanguageCode>
        </Localization>
      </ClientDetail>
      <TransactionDetail>
        <ShipDateRangeBegin>2011-12-14</ShipDateRangeBegin>
        <ShipDateRangeEnd>2011-12-16</ShipDateRangeEnd>
      </TransactionDetail>
      <Recipients>
        <RecipientType>SHIPPER</RecipientType>
        <EMailNotificationRecipientType>SHIPPER</EMailNotificationRecipientType>
        <EMailAddress>shriyash_khisti@syntelinc.com</EMailAddress>
        <RecipientName>shriyash</RecipientName>
        <NotificationEventsRequested>ON_DELIVERY</NotificationEventsRequested>
        <Format>TEXT</Format>
        <Localization>
          <LanguageCode>en</LanguageCode>
        </Localization>
      </Recipients>
      <TrackingNumberUniqueID>2455910000~797843158299</TrackingNumberUniqueID>
      <TrackingNumber>797843158299</TrackingNumber>
    </SendNotificationsRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```
### SendNotificationsReply Elements

#### Table 11. SendNotificationsReply Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DuplicateWaybill</td>
<td>This element is present in the reply if duplicate tracking numbers are found as part of the notification request.</td>
</tr>
<tr>
<td>MoreDataAvailable</td>
<td>Returned in the reply if additional notification data is available.</td>
</tr>
<tr>
<td>PagingToken</td>
<td>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.</td>
</tr>
<tr>
<td>Packages</td>
<td>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:</td>
</tr>
<tr>
<td></td>
<td>• TrackingNumber</td>
</tr>
<tr>
<td></td>
<td>• TrackingNumberUniqueIdentification</td>
</tr>
<tr>
<td></td>
<td>• CarrierCode</td>
</tr>
<tr>
<td></td>
<td>• ShipDate</td>
</tr>
<tr>
<td></td>
<td>• Destination</td>
</tr>
<tr>
<td></td>
<td>• RecipientDetails</td>
</tr>
<tr>
<td>Packages/TrackingNumber</td>
<td>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.</td>
</tr>
<tr>
<td>UniqueIdentifiers</td>
<td></td>
</tr>
</tbody>
</table>

### Example Send Notifications Reply

```xml
<q0:SendNotificationsReply
xmlns:o0="http://fedex.com/ws/track/q0"
 xmlns:o:xsd="http://www.w3.org/2001/XMLSchema"
 xmlns:o:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <q0:HighestSeverity>WARNING</q0:HighestSeverity>
  <q0:Notifications>
    <q0:Severity>WARNING</q0:Severity>
    <q0:Source>trck</q0:Source>
    <q0:Code>30035</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:o:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:o:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">

  <q0:CustomerTransactionId>TC10_IVR_TRACKBYNOTIFICATION</q0:CustomerTransactionId>
  
  <q0:Localization>
    <q0:LanguageCode>en</q0:LanguageCode>
  </q0:Localization>
  <q0:TransactionDetail>
    <q0:Version
xmlns:o:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:o: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>
```
FedEx InSight

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

```xml
<q0:TrackingNumber>797843158299</q0:TrackingNumber>
<q0:TrackingNumberUniqueIdentifiers>2455910000</q0:TrackingNumberUniqueIdentifiers>
  <q0:CarrierCode>FDXE</q0:CarrierCode>
  <q0:ShipDate>2011-12-14</q0:ShipDate>
  <q0:Destination>
    <q0:City>STAFFORD</q0:City>
  </q0:Destination>
  <q0:StateOrProvinceCode>VA</q0:StateOrProvinceCode>
  <q0:CountryCode>US</q0:CountryCode>
  <q0:Residential>false</q0:Residential>
</q0:Packages>
</q0:SendNotificationsReply>
```

### Table 12. FedEx InSight Elements

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

For more information regarding FedEx InSight, go to [fedex.com/insight](http://fedex.com/insight).

### Error Messages

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

### TrackService_v8.xsd

**targetNamespace:** http://fedex.com/ws/track/v8

<table>
<thead>
<tr>
<th>Complex types</th>
<th>Simple types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>AppointmentWindowType</td>
</tr>
<tr>
<td>AppointmentDetail</td>
<td>ArrivalLocationType</td>
</tr>
<tr>
<td>AppointmentTimeDetail</td>
<td>AvailableImageType</td>
</tr>
<tr>
<td>ClientDetail</td>
<td>CarrierCodeType</td>
</tr>
<tr>
<td>Commodity</td>
<td>CustomsOptionType</td>
</tr>
<tr>
<td>CompletedTrackDetail</td>
<td>DeliveryOptionType</td>
</tr>
<tr>
<td>Contact</td>
<td>DistanceUnits</td>
</tr>
<tr>
<td>ContactAndAddress</td>
<td>EligibilityType</td>
</tr>
<tr>
<td>ContentRecord</td>
<td>EMailNotificationEvent MessageType</td>
</tr>
<tr>
<td>CustomerExceptionRequestDetail</td>
<td>EMailNotificationFormatType</td>
</tr>
<tr>
<td>CustomsOptionDetail</td>
<td>EMailNotificationRecipientType</td>
</tr>
<tr>
<td>DateRange</td>
<td>FedExLocationType</td>
</tr>
<tr>
<td>DeliveryOptionEligibilityDetail</td>
<td>LinearUnits</td>
</tr>
<tr>
<td>Dimensions</td>
<td>NaftaNetCostMethodCode</td>
</tr>
<tr>
<td>Distance</td>
<td>NaftaPreferenceCriterionCode</td>
</tr>
<tr>
<td>EditExciseCondition</td>
<td>NaftaProducerDeterminationCode</td>
</tr>
<tr>
<td>EMailNotificationDetail</td>
<td>NotificationSeverityType</td>
</tr>
<tr>
<td>EMailNotificationRecipient</td>
<td>OfficeOrderDeliveryMethodType</td>
</tr>
<tr>
<td>Localization</td>
<td>OperatingCompanyType</td>
</tr>
<tr>
<td>LocalTimeRange</td>
<td>PackagingType</td>
</tr>
<tr>
<td>Measure</td>
<td>PieceCountLocationType</td>
</tr>
<tr>
<td>Money</td>
<td>ServiceType</td>
</tr>
<tr>
<td>NaftaCommodityDetail</td>
<td>SignatureProofOfDeliveryImageType</td>
</tr>
<tr>
<td>Notification</td>
<td>SpecialInstructionsStatusCode</td>
</tr>
<tr>
<td>NotificationParameter</td>
<td>StringBarcodeType</td>
</tr>
<tr>
<td>PagingDetail</td>
<td>TrackAdvanceNotificationStatusType</td>
</tr>
<tr>
<td>PieceCountVerificationDetail</td>
<td>TrackChargeDetailType</td>
</tr>
<tr>
<td>QualifiedTrackingNumber</td>
<td>TrackDeliveryLocationType</td>
</tr>
<tr>
<td>SendNotificationsReply</td>
<td>TrackDeliveryOptionType</td>
</tr>
<tr>
<td>SendNotificationsRequest</td>
<td>TrackDetailAttributeType</td>
</tr>
<tr>
<td>SignatureImageDetail</td>
<td>TrackIdentifierType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryFaxReply</td>
<td>TrackPaymentType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryFaxRequest</td>
<td>TrackPossessionStatusType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryLetterRequest</td>
<td>TrackRequestProcessingOptionType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryLetterReply</td>
<td>TrackReturnLabelType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryLetterResponse</td>
<td>TrackReturnMovementStatusType</td>
</tr>
<tr>
<td>SignatureProofOfDeliveryLetterRequest</td>
<td>TrackSpecialHandlingType</td>
</tr>
<tr>
<td>SpecialInstructionStatusDetail</td>
<td>WeightUnits</td>
</tr>
<tr>
<td>StringBarcode</td>
<td>TrackAdvanceNotificationDetail</td>
</tr>
</tbody>
</table>
TrackChargeDetail
TrackDetail
TrackEvent
TrackNotificationPackage
TrackNotificationRecipientDetail
TrackOtherIdentifierDetail
TrackPackageIdentifier
TrackReconciliation
TrackReply
TrackRequest
TrackReturnDetail
TrackSelectionDetail
TrackServiceDescriptionDetail
TrackSpecialHandling
TrackSpecialInstruction
TrackSplitShipmentPart
TrackStatusAncillaryDetail
TrackStatusDetail
TransactionDetail
VersionId
WebAuthenticationCredential
WebAuthenticationDetail
Weight
element **SendNotificationsReply**

```
Use: SendNotificationsReply

This contains the severity type of the most severe notification in the notification array.

Notification

Type: Notification

Information about the request metric, such as the transaction successful or not, and any additional information needed to be sent to the nearest agent. There may be multiple notifications in a reply.

TransactionDetail

Type: TransactionDetail

Contains the CustomerTransactionDetail that is echoed back to the caller for matching requests and replies, and a localization element for defining the language/characteristics used in the reply DTS.

Version

Type: Version

Contains the version of the reply being used.

TrackNumber

Type: TrackNumber

The package ID or tracking number for the package. This is a unique identifier and is necessary to determine which of the tracking numbers is the one you need and resend your request using the tracking number of the referenced package.

MoreDataAvailable

Type: MoreDataAvailable

Value that must be passed by a TrackNotification request to continue the next set of packages (when MoreDataAvailable = true).

LastPage

Type: LastPage

Value that must be passed by a TrackNotification request to continue the next set of packages (when LastPage = true).
```

FedEx Web Services, Track Service
<table>
<thead>
<tr>
<th><strong>namespace</strong></th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>type</strong></td>
<td>ns:SendNotificationsReply</td>
</tr>
<tr>
<td><strong>properties</strong></td>
<td>content complex</td>
</tr>
<tr>
<td><strong>source</strong></td>
<td>&lt;xs:element name=&quot;SendNotificationsReply&quot; type=&quot;ns:SendNotificationsReply&quot;/&gt;</td>
</tr>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>type</td>
<td>ns:SendNotificationsRequest</td>
</tr>
<tr>
<td>properties</td>
<td>content complex</td>
</tr>
<tr>
<td>children</td>
<td>ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:TrackingNumber ns:MultiPiece ns:PagingToken ns:TrackingNumberUniqueld ns:ShipDateRangeBegin ns:ShipDateRangeEnd ns:SenderEMailAddress ns:SenderContactName ns:NotificationDetail</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:element name=&quot;SendNotificationsRequest&quot; type=&quot;ns:SendNotificationsRequest&quot;/&gt;</td>
</tr>
</tbody>
</table>
element SignatureProofOfDeliveryFaxReply

namespace http://fedex.com/ws/track/v8

type ns:SignatureProofOfDeliveryFaxReply

properties content complex

children ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:FaxConfirmationNumber

source &lt;xs:element name="SignatureProofOfDeliveryFaxReply" type="ns:SignatureProofOfDeliveryFaxReply"/&gt;
element `SignatureProofOfDeliveryFaxRequest`

```xml
<ns:SignatureProofOfDeliveryFaxRequest

type="ns:SignatureProofOfDeliveryFaxRequest">
  
  <ns:WebAuthenticationDetail
      type="ns:WebAuthenticationDetail">
    Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).
  </ns:WebAuthenticationDetail>

  <ns:ClientDetail
      type="ns:ClientDetail">
    Descriptive data identifying the client submitting the transaction.
  </ns:ClientDetail>

  <ns: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.
  </ns:TransactionDetail>

  <ns:Version
      type="ns:VersionId">
    The version of the request being used.
  </ns:VersionId>

  <ns:QualifiedTrackingNumber
      type="ns:QualifiedTrackingNumber">
    Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.
  </ns:QualifiedTrackingNumber>

  <ns:AdditionalComments
      type="ns:AdditionalComments">
    Additional customer-specified text to be added to the body of the letter.
  </ns:AdditionalComments>

  <ns:FaxSender
      type="ns:ContactAndAddress">
    Contact and address information about the person requesting the fax to be sent.
  </ns:FaxSender>

  <ns:FaxRecipient
      type="ns:ContactAndAddress">
    Contact and address information, including the fax number, about the person to receive the fax.
  </ns:FaxRecipient>

</ns:SignatureProofOfDeliveryFaxRequest>
```
<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>ns:SignatureProofOfDeliveryFaxRequest</td>
</tr>
<tr>
<td>properties</td>
<td>content  complex</td>
</tr>
<tr>
<td>children</td>
<td>ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:QualifiedTrackingNumber ns:AdditionalComments ns:FaxSender ns:FaxRecipient</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:element name=&quot;SignatureProofOfDeliveryFaxRequest&quot; type=&quot;ns:SignatureProofOfDeliveryFaxRequest&quot;/&gt;</td>
</tr>
<tr>
<td>element</td>
<td>SignatureProofOfDeliveryLetterReply</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------</td>
</tr>
</tbody>
</table>

**Diagram**

```
ns:SignatureProofOfDeliveryLetterReply
  ns:ns:SignatureProofOfDeliveryLetterReply
    ns:ns:SignatureProofOfDeliveryLetterReply
      ns:ns:SignatureProofOfDeliveryLetterReply
        ns:ns:SignatureProofOfDeliveryLetterReply
          ns:ns:SignatureProofOfDeliveryLetterReply
            ns:ns:SignatureProofOfDeliveryLetterReply
              ns:ns:SignatureProofOfDeliveryLetterReply
                ns:ns:SignatureProofOfDeliveryLetterReply
                  ns:ns:SignatureProofOfDeliveryLetterReply
                    ns:ns:SignatureProofOfDeliveryLetterReply
                      ns:ns:SignatureProofOfDeliveryLetterReply
                        ns:ns:SignatureProofOfDeliveryLetterReply
                          ns:ns:SignatureProofOfDeliveryLetterReply
                            ns:ns:SignatureProofOfDeliveryLetterReply
                              ns:ns:SignatureProofOfDeliveryLetterReply
                                ns:ns:SignatureProofOfDeliveryLetterReply
                                  ns:ns:SignatureProofOfDeliveryLetterReply
                                    ns:ns:SignatureProofOfDeliveryLetterReply
                                      ns:ns:SignatureProofOfDeliveryLetterReply
                                        ns:ns:SignatureProofOfDeliveryLetterReply
                                          ns:ns:SignatureProofOfDeliveryLetterReply
                                            ns:ns:SignatureProofOfDeliveryLetterReply
                                              ns:ns:SignatureProofOfDeliveryLetterReply
                                                ns:ns:SignatureProofOfDeliveryLetterReply
                                                  ns:ns:SignatureProofOfDeliveryLetterReply
                                                    ns:ns:SignatureProofOfDeliveryLetterReply
                                                      ns:ns:SignatureProofOfDeliveryLetterReply
                                                        ns:ns:SignatureProofOfDeliveryLetterReply
                                                          ns:ns:SignatureProofOfDeliveryLetterReply
                                                            ns:ns:SignatureProofOfDeliveryLetterReply
                                                              ns:ns:SignatureProofOfDeliveryLetterReply
                                                                ns:ns:SignatureProofOfDeliveryLetterReply
                                                                  ns:ns:SignatureProofOfDeliveryLetterReply
                                                                    ns:ns:SignatureProofOfDeliveryLetterReply
                                                                      ns:ns:SignatureProofOfDeliveryLetterReply
                                                                        ns:ns:SignatureProofOfDeliveryLetterReply

```

**namespace**

http://fedex.com/ws/track/v8

<table>
<thead>
<tr>
<th>properties</th>
<th>content</th>
<th>complex</th>
</tr>
</thead>
</table>


| source     | <xs:element name="SignatureProofOfDeliveryLetterReply" type="ns:SignatureProofOfDeliveryLetterReply"/> |
element `SignatureProofOfDeliveryLetterRequest`

```
  ns:SignatureProofOfDeliveryLetterRequest

  type: ns:WebAuthenticationDetail
  Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).

  type: ns:ClientDetail
  Descriptive data identifying the client submitting the transaction.

  type: ns:TransactionDetail
  Contains a free form field that is echoed back in the reply to match request with response data that governs the data payload languages/translations.

  type: ns:Version
  The version of the request being used.

  type: ns:QualifiedTrackingNumber
  Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.

  type: ns:AdditionalComments
  Additional customer-supplied text to be added to the body of the letter.

  type: ns:LetterFormat
  Identifies the set of SPOD image types.

  type: ns:Consignee
  If provided this information will be printed on the letter.
```
<table>
<thead>
<tr>
<th>type</th>
<th>ns:SignatureProofOfDeliveryLetterRequest</th>
</tr>
</thead>
<tbody>
<tr>
<td>properties</td>
<td>content complex</td>
</tr>
<tr>
<td>source</td>
<td><code>&lt;xs:element name=&quot;SignatureProofOfDeliveryLetterRequest&quot; type=&quot;ns:SignatureProofOfDeliveryLetterRequest&quot;/</code></td>
</tr>
</tbody>
</table>
### element TrackReply

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>type</td>
<td>ns:TrackReply</td>
</tr>
<tr>
<td>properties</td>
<td>content complex</td>
</tr>
<tr>
<td>children</td>
<td>ns:HighestSeverity ns:Notifications ns:TransactionDetail ns:Version ns:CompletedTrackDetails</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:element name=&quot;TrackReply&quot; type=&quot;ns:TrackReply&quot;/&gt;</td>
</tr>
</tbody>
</table>
element TrackRequest

diagram

namespace http://fedex.com/ws/track/v8

type ns:TrackRequest
<table>
<thead>
<tr>
<th>properties</th>
<th>content</th>
<th>complex</th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:SelectionDetails ns:TransactionTimeOutValueInMilliseconds ns:ProcessingOptions</td>
<td></td>
</tr>
<tr>
<td>source</td>
<td><code>&lt;xs:element name=&quot;TrackRequest&quot; type=&quot;ns:TrackRequest&quot;/&gt;</code></td>
<td></td>
</tr>
</tbody>
</table>
complexType Address

Diagram:

- **StreetLincs**: Combination of number, street name, etc. At least one line is required for a valid physical address. Empty lines should not be included.
- **City**: Name of city, town, etc.
- **StateOrProvinceCode**: Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary depending on country.
- **PostalCode**: Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary depending on country.
- **UrbanizationCode**: Relevant only to addresses in Puerto Rico.
- **CountryCode**: The two-letter code used to identify a country.
- **CountryName**: The fully spelled out name of a country.
- **Residential**: Indicates whether the address is residential (as opposed to commercial).
<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>used by</td>
<td>elements TrackDetail/ActualDeliveryAddress ContactAndAddress/Address TrackEvent/Address QualifiedTrackingNumber/Destination TrackNotificationPackage/Destination TrackSelectionDetail/Destination TrackDetail/DestinationAddress TrackDetail/DestinationLocationAddress TrackDetail/HoldAtLocationAddress TrackDetail/LastUpdatedDestinationAddress TrackStatusDetail/Location TrackDetail/OriginLocationAddress TrackDetail/ShipperAddress</td>
</tr>
<tr>
<td>annotation</td>
<td>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 &quot;address parts&quot; which should be handled as a unit (such as a city-state-ZIP combination within the US).</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:complexType name=&quot;Address&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>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 &quot;address parts&quot; which should be handled as a unit (such as a city-state-ZIP combination within the US). &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; <a href="">xs:sequence</a> &lt;xs:element name=&quot;StreetLines&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot; maxOccurs=&quot;unbounded&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included. &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;City&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>Name of city, town, etc. &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;StateOrProvinceCode&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country. &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;PostalCode&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country. &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;UrbanizationCode&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot;&gt; <a href="">xs:annotation</a> <a href="">xs:documentation</a>Relevant only to addresses in Puerto Rico. &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</td>
</tr>
</tbody>
</table>
complexType AppointmentDetail

annotation

<xs:documentation>Specifies the different appointment times on a specific date.</xs:documentation>

namespace http://fedex.com/ws/track/v8

children

ns:Date ns:WindowDetails

used by element TrackSpecialInstruction/RequestedAppointmentTime

annotation
documentation
Specifies the different appointment times on a specific date.

source

<xs:complexType name="AppointmentDetail">
  <xs:annotation>
    <xs:documentation>Specifies the different appointment times on a specific date.</xs:documentation>
  </xs:annotation>

  <xs:sequence>
    ...
  </xs:sequence>
</xs:complexType>
complexType AppointmentTimeDetail

    <xs:element name="Type" type="ns:AppointmentWindowType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>The description that FedEx Ground uses for the appointment window being specified.</xs:documentation>
        </xs:annotation>
    </xs:element>

    <xs:element name="WindowDetails" type="ns:AppointmentTimeDetail" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Different appointment time windows on the date specified.</xs:documentation>
        </xs:annotation>
    </xs:element>

    <xs:sequence>
        <xs:element name="Type" type="ns:AppointmentWindowType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>The description that FedEx Ground uses for the appointment window being specified.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="WindowDetails" type="ns:AppointmentTimeDetail" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Different appointment time windows on the date specified.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>

    <xs:complexType name="AppointmentTimeDetail">
        <xs:annotation>
            <xs:documentation>Specifies the details about the appointment time window.</xs:documentation>
        </xs:annotation>
    </xs:complexType>

namespace http://fedex.com/ws/track/v8

children ns:Type ns:Window ns:Description

used by element AppointmentDetail/WindowDetails

annotation documentation Specifies the details about the appointment time window.

source

<xs:complexType name="AppointmentTimeDetail">
    <xs:annotation>
        <xs:documentation>Specifies the details about the appointment time window.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="Type" type="ns:AppointmentWindowType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>The description that FedEx Ground uses for the appointment window being specified.</xs:/documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="WindowDetails" type="ns:AppointmentTimeDetail" minOccurs="0" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Different appointment time windows on the date specified.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
<xs:element name="Window" type="ns:LocalTimeRange" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Specifies the window of time for an appointment.</xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="Description" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>

complexType ClientDetail

diagram

namespace http://fedex.com/ws/track/v8

children ns:AccountNumber ns:MeterNumber ns:IntegratorId ns:Localization

used by elements SendNotificationsRequest/ClientDetail SignatureProofOfDeliveryFaxRequest/ClientDetail SignatureProofOfDeliveryLetterRequest/ClientDetail TrackRequest/ClientDetail
<table>
<thead>
<tr>
<th>annotation</th>
<th>documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>source</td>
<td>Descriptive data for the client submitting a transaction.</td>
</tr>
</tbody>
</table>

```xml
<xs:complexType name="ClientDetail">
  <xs:annotation>
    <xs:documentation>Descriptive data for the client submitting a transaction.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="AccountNumber" type="xs:string">
      <xs:annotation>
        <xs:documentation>The FedEx account number associated with this transaction.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="MeterNumber" type="xs:string">
      <xs:annotation>
        <xs:documentation>This number is assigned by FedEx and identifies the unique device from which the request is originating.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="IntegratorId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Only used in transactions which require identification of the 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>
```
namespace http://fedex.com/ws/track/v8

children

used by
- element TrackDetail/Commodities

source
```xml
<x:s:complexType name="Commodity">
  <x:s:sequence>
    <x:s:element name="CommodityId" type="xs:string" minOccurs="0">
      <x:s:annotation>
        <x:s:documentation>Value used to identify a commodity description; must be unique within the containing shipment.</x:s:documentation>
      </x:s:annotation>
    </x:s:element>
    <x:s:element name="Name" type="xs:string" minOccurs="0" />
    <x:s:element name="NumberOfPieces" type="xs:nonNegativeInteger" minOccurs="0" />
    <x:s:element name="Description" type="xs:string" minOccurs="0" />
    <x:s:element name="CountryOfManufacture" type="xs:string" minOccurs="0" />
    <x:s:element name="HarmonizedCode" type="xs:string" minOccurs="0" />
  </x:s:sequence>
</x:s:complexType>
```
<xs:element name='Weight' type='ns:Weight' minOccurs='0'/>
<xs:element name='Quantity' type='xs:nonNegativeInteger' minOccurs='0'>
  <xs:annotation>
    <xs:documentation>This field is used for enterprise transactions.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name='QuantityWithFraction' type='xs:decimal' minOccurs='0'>
  <xs:annotation>
    <xs:documentation>This field is only for use in upload file construction and processing.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name='QuantityUnits' type='xs:string' minOccurs='0'/>
<xs:element name='AdditionalMeasures' type='ns:Measure' minOccurs='0' maxOccurs='unbounded'>
  <xs:annotation>
    <xs:documentation>Contains only additional quantitative information other than weight and quantity to calculate duties and taxes.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name='UnitPrice' type='ns:Money' minOccurs='0'/>
<xs:element name='CustomsValue' type='ns:Money' minOccurs='0'/>
<xs:element name='ExciseConditions' type='ns:EdtExciseCondition' minOccurs='0' maxOccurs='unbounded'>
  <xs:annotation>
    <xs:documentation>Defines additional characteristic of commodity used to calculate duties and taxes</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name='ExportLicenseNumber' type='xs:string' minOccurs='0'/>
<xs:element name='ExportLicenseExpirationDate' type='xs:date' minOccurs='0'/>
<xs:element name='CIMarksAndNumbers' type='xs:string' minOccurs='0'/>
<xs:element name='PartNumber' type='xs:string' minOccurs='0'/>
<xs:element name='NaftaDetail' type='ns:NaftaCommodityDetail' minOccurs='0'>
  <xs:annotation>
    <xs:documentation>All data required for this commodity in NAFTA Certificate of Origin.</xs:documentation>
  </xs:annotation>
</xs:element>
complexType CompletedTrackDetail

diagram

namespace http://fedex.com/ws/track/v8

children ns:HighestSeverity ns:Notifications ns:DuplicateWaybill ns:MoreData ns:PagingToken ns:TrackDetailsCount ns:TrackDetails

used by element TrackReply/CompletedTrackDetails

source
<xs:complexType name="CompletedTrackDetail">
  <xs:sequence>
    <xs:element name="HighestSeverity" type="ns:NotificationSeverityTypes"/>
    <xs:element name="Notifications" type="ns:Notifications"/>
    <xs:element name="DuplicateWaybill" type="xs:boolean"/>
    <xs:element name="MoreData" type="xs:boolean"/>
    <xs:element name="PagingToken" type="xs:string"/>
    <xs:element name="TrackDetailsCount" type="xs:nonNegativeInteger"/>
    <xs:element name="TrackDetails" type="ns:TrackDetails"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="HighestSeverity" type="ns:NotificationSeverityType" minOccurs="0"/>
<xs:element name="Notifications" type="ns:Notification" minOccurs="0" 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" 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" 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**

**namespace** http://fedex.com/ws/track/v8

**children**
- ns:PersonName
- ns:Title
- ns:CompanyName
- ns:PhoneNumber
- ns:PhoneExtension
- ns:TollFreePhoneNumber
- ns:PagerNumber
- ns:FaxNumber

The descriptive data for a point-of-contact person.
The descriptive data for a point-of-contact person.

```xml
<xs:complexType name="Contact">
    <xs:annotation>
        <xs:documentation>The descriptive data for a point-of-contact person.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="PersonName" type="xs:string" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the contact person’s name.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Title" type="xs:string" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the contact person's title.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CompanyName" type="xs:string" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the company this contact is associated with.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="PhoneNumber" type="xs:string" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the phone number associated with this contact.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="PhoneExtension" type="xs:string" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the phone extension associated with this contact.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="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:sequence>
</xs:complexType>
```
complexType ContactAndAddress

namespace http://fedex.com/ws/track/v8

children ns:Contact ns:Address

used by elements SignatureProofOfDeliveryLetterRequest/Consignee SignatureProofOfDeliveryFaxRequest/FaxRecipient SignatureProofOfDeliveryFaxRequest/FaxSender TrackDetail/ProductionLocationContactAndAddress

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

**Diagram**

```
complexType ContentRecord

    <xs:sequence>
        <xs:element name="PartNumber" type="xs:string" minOccurs="0"/>
        <xs:element name="ItemNumber" type="xs:string" minOccurs="0"/>
        <xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="Description" type="xs:string" minOccurs="0"/>
    </xs:sequence>

```

**Namespace**

```
namespace http://fedex.com/ws/track/v8
```

**Children**

```
ns:PartNumber ns:ItemNumber ns:ReceivedQuantity ns:Description
```

**Used by**

```
element TrackDetail/ShipmentContents
```

**Source**

```
<xs:complexType name="ContentRecord">
    <xs:sequence>
        <xs:element name="PartNumber" type="xs:string" minOccurs="0"/>
        <xs:element name="ItemNumber" type="xs:string" minOccurs="0"/>
        <xs:element name="ReceivedQuantity" type="xs:nonNegativeInteger" minOccurs="0"/>
        <xs:element name="Description" type="xs:string" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
```

### complexType CustomerExceptionRequestDetail

**Diagram**

```
complexType CustomerExceptionRequestDetail

    <xs:sequence>
        <xs:element name="naid" type="xs:string" />
        <xs:element name="_statusCode" type="xs:string" />  
        <xs:element name="statusDescription" type="xs:string" />  
        <xs:element name="createDateTime" type="xs:dateTime" />
    </xs:sequence>

```

**Source**

```
<xs:complexType name="CustomerExceptionRequestDetail">
    <xs:sequence>
        <xs:element name="naid" type="xs:string" />
        <xs:element name="statusCode" type="xs:string" />  
        <xs:element name="statusDescription" type="xs:string" />  
        <xs:element name="createDateTime" type="xs:dateTime" />
    </xs:sequence>
</xs:complexType>
```
namespace http://fedex.com/ws/track/v8

children ns:Id ns:StatusCode ns:StatusDescription ns:CreateTime

used by element TrackDetail/CustomerExceptionRequests

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

complexType CustomsOptionDetail

diagram

namespace http://fedex.com/ws/track/v8

children ns:Type ns:Description

used by element TrackDetail/CustodesOptionDetails

source
<xs:complexType name="CustomsOptionDetail">
  <xs:sequence>
    <xs:element name="Type" type="ns:CustomsOptionType" minOccurs="0"/>
    <xs:element name="Description" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies additional description about customs options. This is a required field when the customs options type is "OTHER".</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
complexType **DateRange**

```xml
<xs:complexType name="DateRange">
  <xs:sequence>
    <xs:element name="Begins" type="xs:date" minOccurs="0"/>
    <xs:element name="Ends" type="xs:date" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

**Diagram**

- **namespace**: http://fedex.com/ws/track/v8
- **children**: `ns:Begins` `ns:Ends`
- **used by**: `element` `NaftCommodityDetail/NetCostDateRange`
- **source**: 

```
<xs:complexType name="DateRange">
  <xs:sequence>
    <xs:element name="Begins" type="xs:date" minOccurs="0"/>
    <xs:element name="Ends" type="xs:date" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

**complexType** **DeliveryOptionEligibilityDetail**

```xml
<xs:complexType name="DeliveryOptionEligibilityDetail">
  <xs:sequence>
    <xs:element name="Option" type="ns:DeliveryOptionType"/>
    <xs:element name="Eligibility" type="ns:EligibilityType"/>
  </xs:sequence>
</xs:complexType>
```

**Diagram**

- **namespace**: http://fedex.com/ws/track/v8
- **children**: `ns:Option` `ns:Eligibility`
- **used by**: `element` `TrackDetail/DeliveryOptionEligibilityDetails`
- **annotation**: Details about the eligibility for a delivery option.
<xs:complexType name="DeliveryOptionEligibilityDetail">
    <xs:annotation>
        <xs:documentation>Details about the eligibility for a delivery option.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="Option" type="ns:DeliveryOptionType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Type of delivery option.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Eligibility" type="ns:EligibilityType" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Eligibility of the customer for the specific delivery option.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>

**complexType** Dimensions

<table>
<thead>
<tr>
<th>source</th>
</tr>
</thead>
</table>
| <xs:complexType name="Dimensions">
  <xs:annotation>
    <xs:documentation>The dimensions of this package and the unit type used for the measurements.</xs:documentation>
  </xs:annotation>
|<xs:complexType name="Dimensions">  
|<xs:annotation>  
|<xs:documentation>The dimensions of this package and the unit type used for the measurements.</xs:documentation>  
|</xs:complexType>  

<table>
<thead>
<tr>
<th>namespace</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>children</th>
</tr>
</thead>
<tbody>
<tr>
<td>ns:Length ns:Width ns:Height ns:Units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>used by</th>
</tr>
</thead>
<tbody>
<tr>
<td>element TrackDetail/PackageDimensions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>documentation</td>
</tr>
<tr>
<td>The dimensions of this package and the unit type used for the measurements.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>source</th>
</tr>
</thead>
</table>
| <xs:complexType name="Dimensions">  
|<xs:annotation>  
|<xs:documentation>The dimensions of this package and the unit type used for the measurements.</xs:documentation>  
|</xs:complexType>  

FedEx Web Services, Track Service 74
**complexType** Distance

```
<xs:complexType name="Distance">
    <xs:annotation>
        <xs:documentation>Driving or other transportation distances, distinct from dimension measurements.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="Value" type="xs:decimal" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the distance quantity.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Units" type="ns:DistanceUnits" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the unit of measure for the distance value.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

**Diagram**

![Diagram of Distance complexType]

**Namespace**

http://fedex.com/ws/track/v8

**Children**

- ns:Value
- ns:Units

**Used by elements**

- TrackDetail/DistanceToDestination
- TrackDetail/TotalTransitDistance

**Annotation documentation**

Driving or other transportation distances, distinct from dimension measurements.

```
<xs:complexType name="Distance">
    <xs:annotation>
        <xs:documentation>Driving or other transportation distances, distinct from dimension measurements.</xs:documentation>
    </xs:annotation>
    <xs:sequence>
        <xs:element name="Value" type="xs:decimal" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the distance quantity.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Units" type="ns:DistanceUnits" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Identifies the unit of measure for the distance value.</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```
complexType `EdtExciseCondition`

- **Diagram:**
  - `EdtExciseCondition`:
  - `Category`:
    - Data type: `xs:string`
    - MinOccurs: `0`
  - `Value`:
    - Data type: `xs:string`
    - MinOccurs: `0`

- **Namespace:** `http://fedex.com/ws/track/v8`
- **Children:**
  - `ns:Category`
  - `ns:Value`
- **Used by:**
  - `Commodity/ExciseConditions`
- **Source Code:**
```xml
<xs:complexType name="EdtExciseCondition">
  <xs:sequence>
    <xs:element name="Category" type="xs:string" minOccurs="0"/>
    <xs:element name="Value" type="xs:string" minOccurs="0"/>
    <xs:documentation>Customer-declared value, with data type and legal values depending on excise condition, used in defining the taxable value of the item.</xs:documentation>
  </xs:sequence>
</xs:complexType>
```
complexType EMailNotificationDetail

namespace http://fedex.com/ws/track/v8

children ns:PersonalMessage ns:Recipients

used by element SendNotificationsRequest/NotificationDetail

annotation documentation
Information describing email notifications that will be sent in relation to events that occur during package movement

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

namespace http://fedex.com/ws/track/v8

children ns:EMailNotificationRecipientType ns:EMailAddress ns:NotificationEventsRequested ns:Format ns:Localization

used by element EMailNotificationDetail/Recipients

source
<xs:complexType name="EMailNotificationRecipient">
  <xs:sequence>
    <xs:element name="EMailNotificationRecipientType" type="ns:EMailNotificationRecipientType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the relationship this email recipient has to the shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="EMailAddress" type="xs:string">
      <xs:annotation>
        <xs:documentation>The email address to send the notification to</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NotificationEventsRequested" type="ns:EMailNotificationEventType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The types of email notifications being requested for this recipient.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Format" type="ns:EMailNotificationFormatType">
      <xs:annotation>
        <xs:documentation>The format of the email notification.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Localization" type="ns:EMailNotificationLocalizationType">
      <xs:annotation>
        <xs:documentation>The locale/language to be used in this email notification.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
complexType Localization

namespace http://fedex.com/ws/track/v8

children ns:LanguageCode ns:LocaleCode

used by elements ClientDetail/Localization EMailNotificationRecipient/Localization TransactionDetail/Localization

annotation documentation Identifies the representation of human-readable text.

source <xs:complexType name="Localization">
  <xs:annotation>
    <xs:documentation>Identifies the representation of human-readable text.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="LanguageCode" type="xs:string">
      <xs:annotation>
        <xs:documentation>Two-letter code for language (e.g., EN, FR, etc.).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="LocaleCode" type="xs:string">
      <xs:annotation>
        <xs:documentation>Two-letter code for the region (e.g., US, CA, etc.).</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
**complexType** LocalTimeRange

<table>
<thead>
<tr>
<th>diagram</th>
<th><img src="image" alt="Diagram" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>children</td>
<td>ns:Begins ns:Ends</td>
</tr>
<tr>
<td>used by</td>
<td>element AppointmentTimeDetail/Window</td>
</tr>
<tr>
<td>annotation documentation</td>
<td>Time Range specified in local time.</td>
</tr>
<tr>
<td>source</td>
<td><code>&lt;xs:complexType name=&quot;LocalTimeRange&quot;</code></td>
</tr>
</tbody>
</table>

```xml
<xs:documentation>Time Range specified in local time.</xs:documentation>
<xs:annotation>
  <xs:documentation>Time Range specified in local time.</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element name="Begins" type="xs:string" minOccurs="0"/>
  <xs:element name="Ends" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
```
**complexType Measure**

```xml
<xs:complexType name="Measure">
    <xs:sequence>
        <xs:element name="Quantity" type="xs:decimal" minOccurs="0"/>
        <xs:element name="Units" type="xs:string" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
```

**complexType Money**

```xml
<xs:complexType name="Money">
    <xs:sequence>
        <xs:element name="Currency" type="xs:string" minOccurs="0"/>
        <xs:element name="Amount" type="xs:decimal" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
```
### complexType NaftaCommodityDetail

#### namespace

http://fedex.com/ws/track/v8

#### children

- ns:PreferenceCriterion
- ns:ProducerDetermination
- ns:ProducerId
- ns:NetCostMethod
- ns:NetCostDateRange

#### used by

- element Commodity/NaftaDetail

#### source

```xml
<xs:complexType name="NaftaCommodityDetail">
  <xs:sequence>
    <xs:element name="PreferenceCriterion" type="ns:NaftaPreferenceCriterionCode" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Defined by NAFTA regulations.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProducerDetermination" type="ns:NaftaProducerDeterminationCode" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Defined by NAFTA regulations.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProducerId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identification of which producer is associated with this commodity (if multiple producers are used in a single shipment).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NetCostMethod" type="ns:NaftaNetCostMethodCode" minOccurs="0">
    </xs:element>
    <xs:element name="NetCostDateRange" type="ns:NaftaNetCostDateRange" minOccurs="0">
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
</xs:annotation>
</xs:element>
<xs:element name="NetCostMethod" type="ns:NaftaNetCostMethodCode" minOccurs="0"/>
<xs:element name="NetCostDateRange" type="ns:DateRange" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date range over which RVC net cost was calculated.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
complexType Notification

diagram

The descriptor data regarding the result of the submitted transaction.

- ns:Severity
  type: ns:NotificationSeverityType
  The severity of the notification. This can indicate success or failure of some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later.

- ns:Source
  type: xs:string
  Indicates the source of this notification. Combined with the Code it uniquely identifies this notification.

- ns:Message
  type: xs:string
  Human-readable text that explains this notification.

- ns:LocalizedMessage
  type: xs:string
  The translated message. The language and locale specified in the ClientDetail Localization are used to determine the representation. Currently only supported in a TrackReply.

- ns:MessageParameters
  type: ns:NotificationParameter
  A collection of name/value pairs that provide specific data to help the client determine the nature of an error (or warning, etc.) without having to parse the message string.
<table>
<thead>
<tr>
<th><strong>namespace</strong></th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>used by</strong></td>
<td>TrackDetail/Notification CompletedTrackDetail/Notifications SendNotificationsReply/Notifications SignatureImageDetail/Notifications SignatureProofOfDeliveryFaxReply/Notifications SignatureProofOfDeliveryLetterReply/Notifications TrackReply/Notifications</td>
</tr>
<tr>
<td><strong>annotation</strong></td>
<td>The descriptive data regarding the result of the submitted transaction.</td>
</tr>
</tbody>
</table>
| **source**    | <xs:complexType name="Notification">
|               |    <xs:annotation>
|               |        <xs:documentation>The descriptive data regarding the result of the submitted transaction.</xs:documentation>
|               |    </xs:annotation>
|               |    <xs:sequence>
|               |        <xs:element name="Severity" type="ns:NotificationSeverityType">
|               |            <xs:annotation>
|               |                <xs:documentation>The severity of this notification. This can indicate success or failure or some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later</xs:documentation>
|               |            </xs:annotation>
|               |        </xs:element>
|               |        <xs:element name="Source" type="xs:string">
|               |            <xs:annotation>
|               |                <xs:documentation>Indicates the source of this notification. Combined with the Code it uniquely identifies this notification</xs:documentation>
|               |            </xs:annotation>
|               |        </xs:element>
|               |        <xs:element name="Code" type="xs:string" minOccurs="0">
|               |            <xs:annotation>
|               |                <xs:documentation>A code that represents this notification. Combined with the Source it uniquely identifies this notification.</xs:documentation>
|               |            </xs:annotation>
|               |        </xs:element>
|               |        <xs:element name="Message" type="xs:string" minOccurs="0">
|               |            <xs:annotation>
|               |                <xs:documentation>Human-readable text that explains this notification.</xs:documentation>
|               |            </xs:annotation>
|               |        </xs:element>
|               |        <xs:element name="LocalizedMessage" type="xs:string" minOccurs="0">
|               |            <xs:annotation>
|               |                <xs:documentation>The translated message. The language and locale specified in the ClientDetail. Localization are used to determine the representation. Currently only supported in a TrackReply.</xs:documentation>
|               |            </xs:annotation>
|               |    </xs:sequence>
|               |</xs:complexType>
complexType **NotificationParameter**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:Id ns:Value</td>
</tr>
<tr>
<td>used by</td>
<td>element Notification/MessageParameters</td>
</tr>
</tbody>
</table>

```xml
<xs:complexType name="NotificationParameter">
  <xs:sequence>
    <xs:element name="Id" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Identifies the type of data contained in Value (e.g. SERVICE_TYPE, PACKAGE_SEQUENCE, etc..). </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Value" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The value of the parameter (e.g. PRIORITY_OVERNIGHT, 2, etc..). </xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
**complexType** PagingDetail

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:PagingToken ns:NumberOfResultsPerPage</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackSelectionDetail/PagingDetail</td>
</tr>
</tbody>
</table>

**source**

```xml
<xs:complexType name="PagingDetail">
  <xs:sequence>
    <xs:element name="PagingToken" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>When the MoreData field = true in a TrackReply the PagingToken must be sent in the subsequent TrackRequest to retrieve the next page of data.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="NumberOfResultsPerPage" type="xs:nonNegativeInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the number of results to display per page when there is more than one page in the subsequent TrackReply.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
<table>
<thead>
<tr>
<th>complexType</th>
<th>PieceCountVerificationDetail</th>
</tr>
</thead>
</table>

**Diagram**

```
PieceCountVerificationDetail
  ├── CountLocationType
  │    └── ns:PieceCountLocationType
  └── Count
      └── ns:Count
          └── ns:Description
              └── ns:string
```

**Namespace**

http://fedex.com/ws/track/v8

**Children**

ns:CountLocationType ns:Count ns:Description

**Used by**

element TrackDetail/PieceCountVerificationDetails

**Source**

```xml
<xs:complexType name="PieceCountVerificationDetail">
  <xs:sequence>
    <xs:element name="CountLocationType" type="ns:PieceCountLocationType" minOccurs="0"/>
    <xs:element name="Count" type="xs:nonNegativeInteger" minOccurs="0"/>
    <xs:element name="Description" type="xs:string" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```
complexType QualifiedTrackingNumber

namespace http://fedex.com/ws/track/v8

children ns:TrackingNumber ns:ShipDate ns:AccountNumber ns:Carrier ns:Destination

used by elements SignatureProofOfDeliveryFaxRequest/QualifiedTrackingNumber SignatureProofOfDeliveryLetterRequest/QualifiedTrackingNumber

annotation documentation Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.

source <xs:complexType name="QualifiedTrackingNumber">
  <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: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:sequence>
</xs:complexType>
<xs:element name="ShipDate" type="xs:date" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The date the package was shipped.</xs:documentation>
  </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:annotation>
    <xs:documentation>Only country is used for elimination of duplicate tracking numbers.</xs:documentation>
  </xs:annotation>
</xs:element>
complexType SendNotificationsReply

diagram

ns:HighestSeverity
type ns:NotificationSeverityType

This contains the severity type of the most severe notification in the Notifications array.

ns:Notifications
type ns:Notification

Information about the request/reply such as the transaction successful or not, and any additional information relevant to the request and/or reply. There may be multiple notifications in a reply.

ns:TransactionDetail
type ns:TransactionDetail

Contains the Customer/TransactionDetail 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.

ns:Version
type ns:Version

Contains the version of the reply being used.

ns: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 and TrackingNumberInclusive if you have the package number."
namespace http://fedex.com/ws/track/v8


used by element SendNotificationsReply

source
<xs:complexType name="SendNotificationsReply">
  <xs:sequence>
    <xs:element name="HighestSeverity" type="ns:NotificationSeverityType">
      <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" 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" 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:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Version" type="ns:VersionId">
  <xs:annotation>
    <xs:documentation>Contains the version of the reply being used.</xs:documentation>
  </xs:annotation>
</xs:element>
<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, 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.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MoreDataAvailable" 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="Packages" type="ns:TrackNotificationPackage" 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>
<table>
<thead>
<tr>
<th>children</th>
<th>used by</th>
<th>source</th>
</tr>
</thead>
<tbody>
<tr>
<td>ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:TrackingNumber ns:MultiPiece ns:PagingToken ns:TrackingNumberUniqueId ns:ShipDateRangeBegin ns:ShipDateRangeEnd ns:SenderEMailAddress ns:SenderContactName ns:NotificationDetail</td>
<td>element  SendNotificationsRequest</td>
<td>&lt;xs:complexType name=&quot;SendNotificationsRequest&quot;&gt; &lt;xs:sequence&gt; &lt;xs:element name=&quot;WebAuthenticationDetail&quot; type=&quot;ns:WebAuthenticationDetail&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;ClientDetail&quot; type=&quot;ns:ClientDetail&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt;</td>
</tr>
</tbody>
</table>
<xs:element name="TransactionDetail" type="ns:TransactionDetail" 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"/>

<xs:element name="TrackingNumber" type="xs:string">
  <xs:annotation>
    <xs:documentation>The tracking number to which the notifications will be triggered from.</xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="MultiPiece" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicates whether to return tracking information for all associated packages.</xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="PagingToken" type="xs:string" minOccurs="0">
  <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>

<xs:element name="TrackingNumberUniqueId" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>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 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>
used to help eliminate duplicates.

```xml
<xs:complexType name="SignatureImageDetail">
  <xs:sequence>
    <xs:element name="Image" type="xs:base64Binary" minOccurs="0"/>
    <xs:element name="Notifications" type="ns:Notification" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

**complexType** **SignatureImageDetail**

- **namespace** http://fedex.com/ws/track/v8
- **children** ns:Image ns:Notifications
- **used by** element TrackDetail/Signature
- **source**

```xml
<xs:complexType name="SignatureImageDetail">
  <xs:sequence>
    <xs:element name="Image" type="xs:base64Binary" minOccurs="0"/>  
    <xs:element name="Notifications" type="ns:Notification" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```
### complexType `SignatureProofOfDeliveryFaxReply`

**Diagram**

#### namespace
http://fedex.com/ws/track/v8

#### children
- `ns:HighestSeverity`
- `ns:Notifications`
- `ns:TransactionDetail`
- `ns:Version`
- `ns:FaxConfirmationNumber`

#### used by
- element `SignatureProofOfDeliveryFaxReply`

#### annotation
FedEx Signature Proof Of Delivery Fax reply.

#### source
```xml
<xs:complexType name="SignatureProofOfDeliveryFaxReply">
  <xs:annotation>
    <xs:documentation>FedEx Signature Proof Of Delivery Fax reply.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="HighestSeverity" type="ns:NotificationSeverityType"/>
    <xs:element name="Notifications" type="ns:NotificationType"/>
    <xs:element name="TransactionDetail" type="ns:TransactionDetailType"/>
    <xs:element name="Version" type="ns:VersionType"/>
    <xs:element name="FaxConfirmationNumber" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```
<xs:annotation>
  <xs:documentation>This contains the severity type of the most severe Notification in the Notifications array.</xs:documentation>
</xs:annotation>
<xs:element name="Notifications" type="ns:Notification" 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" 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">
  <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:documentation>
  </xs:annotation>
</xs:element>
</xs:complexType>
complexType `SignatureProofOfDeliveryFaxRequest`

```
complexType SignatureProofOfDeliveryFaxRequest

  sequence

  WebAuthenticationDetail
    type ns:WebAuthenticationDetail
    description Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).

  ClientDetail
    type ns:ClientDetail
    description Descriptive data identifying the client submitting the transaction.

  TransactionDetail
    type ns:TransactionDetail
    description A few form fields that are echoed back in the reply to match requests with replies and data that governs the data payload and allowed translations.

  Version
    type ns:VersionId
    description The version of the request being used.

  QualifiedTrackingNumber
    type ns:QualifiedTrackingNumber
    description Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.

  AdditionalComments
    type xs:string
    description Additional customer-supplied text to be added to the body of the fax.

  FaxSender
    type ns:ContactAndAddress
    description Contact and address information about the person requesting the fax to be sent.

  FaxRecipient
    type ns:ContactAndAddress
    description Contact and address information, including the fax number, about the person to receive the fax.

```

namespace http://fedex.com/ws/track/v8
<table>
<thead>
<tr>
<th>children</th>
<th>ns:WebAuthenticationDetail ns:ClientDetail ns:TransactionDetail ns:Version ns:QualifiedTrackingNumber ns:AdditionalComments ns:FaxSender ns:FaxRecipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>used by</td>
<td>element</td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:complexType name=&quot;SignatureProofOfDeliveryFaxRequest&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;FedEx Signature Proof Of Delivery Fax request.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt; &lt;xs:element name=&quot;WebAuthenticationDetail&quot; type=&quot;ns:WebAuthenticationDetail&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;ClientDetail&quot; type=&quot;ns:ClientDetail&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Descriptive data identifying the client submitting the transaction.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;TransactionDetail&quot; type=&quot;ns:TransactionDetail&quot; minOccurs=&quot;0&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;Version&quot; type=&quot;ns:VersionId&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;The version of the request being used.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;QualifiedTrackingNumber&quot; type=&quot;ns:QualifiedTrackingNumber&quot; minOccurs=&quot;0&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Tracking number and additional shipment data used to identify a unique shipment for proof of delivery.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name=&quot;AdditionalComments&quot; type=&quot;xs:string&quot; minOccurs=&quot;0&quot;&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Additional customer-supplied text to be added to the body of the letter.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt;</td>
</tr>
</tbody>
</table>
<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>

<xs:element name="FaxRecipient" type="ns:ContactAndAddress" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contact and address information, including the fax number, about the person to receive the fax.</xs:documentation>
  </xs:annotation>
</xs:element>
complexType `SignatureProofOfDeliveryLetterReply`

<table>
<thead>
<tr>
<th>Namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Used By</td>
<td><code>SignatureProofOfDeliveryLetterReply</code></td>
</tr>
<tr>
<td>Annotation</td>
<td>FedEx Signature Proof Of Delivery Letter reply.</td>
</tr>
</tbody>
</table>

```xml
<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"/>
    <xs:element name="Notifications" type="ns:Notification"/>
    <xs:element name="TransactionDetail" type="ns:CustomerTransactionDetail"/>
    <xs:element name="Version" type="ns:Version"/>
    <xs:element name="Letter" type="ns:Base64Binary"/>
  </xs:sequence>
</xs:complexType>
```
<xs:element name="Notifications" type="ns:Notification" 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" 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">
    <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

namespace http://fedex.com/ws/track/v8

<table>
<thead>
<tr>
<th>used by</th>
<th>element</th>
<th>SignatureProofOfDeliveryLetterRequest</th>
</tr>
</thead>
<tbody>
<tr>
<td>annotation</td>
<td>documentation</td>
<td>FedEx Signature Proof Of Delivery Letter request.</td>
</tr>
</tbody>
</table>
| source | `<xs:complexType name="SignatureProofOfDeliveryLetterRequest">`  
| | `<xs:annotation>`  
| | `<xs:documentation>`FedEx Signature Proof Of Delivery Letter request.</xs:documentation>`  
| | `<xs:sequence>`  
| | `<xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail">`  
| | `<xs:annotation>`  
| | `<xs:documentation>`Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</xs:documentation>`  
| | `<xs:element name="ClientDetail" type="ns:ClientDetail">`  
| | `<xs:annotation>`  
| | `<xs:documentation>`Descriptive data identifying the client submitting the transaction.</xs:documentation>`  
| | `<xs:element name="TransactionDetail" type="ns:TransactionDetail" 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:element name="Version" type="ns:VersionId">`  
| | `<xs:annotation>`  
| | `<xs:documentation>`The version of the request being used.</xs:documentation>`  
| | `<xs:element name="QualifiedTrackingNumber" 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: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:element name="LetterFormat" type="ns:SignatureProofOfDeliveryImageType" minOccurs="0">`
complexType SpecialInstructionStatusDetail

namespace http://fedex.com/ws/track/v8

children ns:Status ns:StatusCreateTime

used by element TrackSpecialInstruction/StatusDetail

source
<xs:complexType name="SpecialInstructionStatusDetail">
  <xs:sequence>
    <xs:element name="Status" type="ns:SpecialInstructionsStatusCode" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the status of the track special instructions requested.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="StatusCreateTime" type="xs:dateTime" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Time when the status was changed.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
**complexType** `StringBarcode`

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

namespace http://fedex.com/ws/track/v8

children ns:EstimatedTimeOfArrival ns:Reason ns:Status ns:StatusDescription ns:StatusTime

used by element TrackDetail/AdvanceNotificationDetail

source
<xs:complexType name="TrackAdvanceNotificationDetail">
  <xs:sequence>
    <xs:element name="EstimatedTimeOfArrival" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="Reason" type="xs:string" minOccurs="0"/>
    <xs:element name="Status" type="ns:TrackAdvanceNotificationStatusType" minOccurs="0"/>
    <xs:element name="StatusDescription" type="xs:string" minOccurs="0"/>
    <xs:element name="StatusTime" type="xs:dateTime" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

complexType TrackChargeDetail

namespace http://fedex.com/ws/track/v8

children ns:Type ns:ChargeAmount
used by  
  element  TrackDetail/Charges

source

```xml
<xs:complexType name="TrackChargeDetail">
  <xs:sequence>
    <xs:element name="Type" type="ns:TrackChargeDetailType" minOccurs="0"/>
    <xs:element name="ChargeAmount" type="ns:Money" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```
<table>
<thead>
<tr>
<th>ns:PackageWeight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:Weight</td>
</tr>
<tr>
<td>The weight of this package.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:PackageDimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:Dimensions</td>
</tr>
<tr>
<td>Physical dimensions of the package.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:PackageDimensionsWeight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:Weight</td>
</tr>
<tr>
<td>The dimensional weight of the package.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:ShipmentWeight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:Weight</td>
</tr>
<tr>
<td>The weight of the entire shipment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:string</td>
</tr>
<tr>
<td>Retained for legacy compatibility only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:PackagingType</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:PackageType</td>
</tr>
<tr>
<td>Strict representation of the Packaging type (e.g. FEDEX_Box: YOUR_PACKAGING).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:PackageSequenceNumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:nonNegativeInteger</td>
</tr>
<tr>
<td>The sequence number of this package in a shipment. This would be 2 if it was package number 2 of 4.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:PackageCount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:nonNegativeInteger</td>
</tr>
<tr>
<td>The number of packages in this shipment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: ns:TrackChargeDetail</td>
</tr>
<tr>
<td>Specifies the details about the SIOC details.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:BillToName</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:string</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ns:Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: xs:string</td>
</tr>
</tbody>
</table>
namespace http://fedex.com/ws/track/v8

children
  ns:Notification
  ns:TrackingNumber
  ns:Barcode
  ns:TrackingNumberUniqueIdentifier
  ns:StatusDetail
  ns:CustomerExceptionRequests
  ns:Reconciliation
  ns:ServiceCommitMessage
  ns:DestinationServiceArea
  ns:DestinationServiceAreaDescription
  ns:CarrierCode
  ns:OperatingCompany
  ns:OperatingCompanyOrCarrierDescription
  ns:CartageAgentCompanyName
  ns:ProductionLocationContactAndAddress
  ns:OtherIdentifiers
  ns:FormId
  ns:Service
  ns:PackageWeight
  ns:PackageDimensions
  ns:PackageDimensionalWeight
  ns:ShipmentWeight
  ns:Packaging
  ns:PackagingType
  ns:PackageSequenceNumber
  ns:PackageCount
  ns:Charges
  ns:NickName
  ns:Notes
  ns:Attributes
  ns:ShipmentContents
  ns:PackageContents
  ns:ClearanceLocationCode
  ns:Commodities
  ns:ReturnDetail
  ns:CustomsOptionDetails
  ns:AdvanceNotificationDetail
  ns:SpecialHandlings
  ns:Shipper
  ns:PossessionStatus
  ns:ShipperAddress
  ns:OriginLocationAddress
  ns:OriginStationId
  ns:EstimatedPickupTimestamp
  ns:ShipTimestamp
  ns:TotalTransitDistance
  ns:DistanceToDestination
  ns:SpecialInstructions
  ns:Recipient
  ns:LastUpdatedDestinationAddress
  ns:DestinationAddress
  ns:HoldAtLocationContact
  ns:HoldAtLocationAddress
  ns:DestinationStationId
  ns:DestinationLocationAddress
  ns:DestinationLocationType
  ns:DestinationLocationTimeZoneOffset
  ns:CommitmentTimestamp
  ns:AppointmentDeliveryTimestamp
  ns:EstimatedDeliveryTimestamp
  ns:ActualDeliveryTimestamp
  ns:ActualDeliveryAddress
  ns:OfficeOrderDeliveryMethod
  ns:DeliveryLocationType
  ns:DeliveryLocationDescription
  ns:DeliveryAttempts
  ns:DeliverySignatureName
  ns:PieceCountVerificationDetails
  ns:TotalUniqueAddressCountInConsolidation
  ns:AvailableImages
  ns:Signature
  ns:NotificationEventsAvailable
  ns:SplitShipmentParts
  ns:DeliveryOptionEligibilityDetails
  ns:Events

used by element CompletedTrackDetail/TrackDetails

annotation documentation
Detailed tracking information about a particular package.

source
<xs:complexType name="TrackDetail">
  <xs:annotation>
    <xs:documentation>Detailed tracking information about a particular package.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Notification" type="ns:Notification" minOccurs="0">
      <xs:annotation>
        <xs:documentation>To report soft error on an individual track detail.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TrackingNumber" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The FedEx package identifier.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Barcode" type="ns:StringBarcode" minOccurs="0"/>
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.

Specifies details about the status of the shipment being tracked.

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.

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.

Identifies a FedEx operating company (transportation).

Identifies operating transportation company that is the specific to the carrier code.

Specifies a detailed description about the carrier or the operating company.
<table>
<thead>
<tr>
<th>Element Name</th>
<th>Description</th>
<th>Annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CartageAgentCompanyName</td>
<td>If the package was interlined to a cartage agent, this is the name of the cartage agent. (Returned for CSR SL only.)</td>
<td></td>
</tr>
<tr>
<td>ProductionLocationContactAndAddress</td>
<td>Specifies the FXO production centre contact and address.</td>
<td></td>
</tr>
<tr>
<td>OtherIdentifiers</td>
<td>Other related identifiers for this package such as reference numbers.</td>
<td></td>
</tr>
<tr>
<td>FormId</td>
<td>(Returned for CSR SL only.)</td>
<td></td>
</tr>
<tr>
<td>Service</td>
<td>Specifies details about service such as service description and type.</td>
<td></td>
</tr>
<tr>
<td>PackageWeight</td>
<td>The weight of this package.</td>
<td></td>
</tr>
<tr>
<td>PackageDimensions</td>
<td>Physical dimensions of the package.</td>
<td></td>
</tr>
<tr>
<td>PackageDimensionalWeight</td>
<td>The dimensional weight of the package.</td>
<td></td>
</tr>
</tbody>
</table>
<xs:element name="ShipmentWeight" type="ns:Weight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the entire shipment.</xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="Packaging" type="xs:string" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Retained for legacy compatibility only.</xs:documentation>
  </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" 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" 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" 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" maxOccurs="unbounded"/>

<xs:element name="ShipmentContents" type="ns:ContentRecord" minOccurs="0" maxOccurs="unbounded"/>

<xs:element name="PackageContents" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>

<xs:element name="ClearanceLocationCode" type="xs:string" minOccurs="0"/>

<xs:element name="Commodities" type="ns:Commodity" minOccurs="0" maxOccurs="unbounded"/>

<xs:element name="ReturnDetail" type="ns:TrackReturnDetail" minOccurs="0"/>

<xs:element name="CustomsOptionDetails" type="ns:CustomsOptionDetail" minOccurs="0" maxOccurs="unbounded"/>
<table>
<thead>
<tr>
<th>Element Name</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>AdvanceNotificationDetail</code></td>
<td>Specifies the reason for return.</td>
</tr>
<tr>
<td><code>SpecialHandlings</code></td>
<td>List of special handlings that applied to this package. (Returned for CSR SL only.)</td>
</tr>
<tr>
<td><code>Shipper</code></td>
<td>(Returned for CSR SL only.)</td>
</tr>
<tr>
<td><code>PossessionStatus</code></td>
<td>Indicates last-known possession of package (Returned for CSR SL only.)</td>
</tr>
<tr>
<td><code>ShipperAddress</code></td>
<td>The address information for the shipper.</td>
</tr>
<tr>
<td><code>OriginLocationAddress</code></td>
<td>The address of the FedEx pickup location/facility.</td>
</tr>
<tr>
<td><code>OriginStationId</code></td>
<td>(Returned for CSR SL only.)</td>
</tr>
<tr>
<td><code>EstimatedPickupTimestamp</code></td>
<td>Estimated package pickup time for shipments that haven't been picked up.</td>
</tr>
<tr>
<td><code>ShipTimestamp</code></td>
<td></td>
</tr>
</tbody>
</table>
Time package was shipped/tendered over to FedEx. Time portion will be populated if available, otherwise will be set to midnight.

The distance from the origin to the destination. Returned for Custom Critical shipments.

Total distance package still has to travel. Returned for Custom Critical shipments.

Provides additional details about package delivery.

(Returned for CSR SL only.)

This is the latest updated destination address.

The address this package is to be (or has been) delivered.

The address this package is requested to placed on hold.

FedEx Web Services, Track Service
<table>
<thead>
<tr>
<th>Element Name</th>
<th>Type</th>
<th>Min Occurs</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DestinationLocationAddress</td>
<td>ns:Address</td>
<td>0</td>
<td>The address of the FedEx delivery location/facility.</td>
</tr>
<tr>
<td>DestinationLocationType</td>
<td>ns:FedExLocationType</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>DestinationLocationTimeZoneOffset</td>
<td>xs:string</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>CommitmentTimestamp</td>
<td>xs:dateTime</td>
<td>0</td>
<td>Date and time the package should be (or should have been) delivered. (Returned for CSR SL only.)</td>
</tr>
<tr>
<td>AppointmentDeliveryTimestamp</td>
<td>xs:dateTime</td>
<td>0</td>
<td>Date and time the package would be delivered if the package has appointment delivery as a special service.</td>
</tr>
<tr>
<td>EstimatedDeliveryTimestamp</td>
<td>xs:dateTime</td>
<td>0</td>
<td>Projected package delivery time based on ship time stamp, service and destination. Not populated if delivery has already occurred.</td>
</tr>
<tr>
<td>ActualDeliveryTimestamp</td>
<td>xs:dateTime</td>
<td>0</td>
<td>The time the package was actually delivered.</td>
</tr>
<tr>
<td>ActualDeliveryAddress</td>
<td>ns:Address</td>
<td>0</td>
<td>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.).</td>
</tr>
<tr>
<td>OfficeOrderDeliveryMethod</td>
<td>ns:OfficeOrderDeliveryMethodType</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
<xs:documentation>Identifies the method of office order delivery.</xs:documentation>
</xs:element>

<xs:element name="DeliveryLocationType" type="ns:TrackDeliveryLocationType" 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" 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" 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" 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" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="Signature" type="ns:SignatureImageDetail" minOccurs="0" maxOccurs="unbounded"/>
<xs:element name="NotificationEventsAvailable" type="ns:EMailNotificationEventType" minOccurs="0" maxOccurs="unbounded"/>
The types of email notifications that are available for the package.

Returned for cargo shipments only when they are currently split across vehicles.

Specifies the details about the eligibility for different delivery options.

Event information for a tracking number.
complexType TrackEvent

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:Timestamp ns:EventType ns:EventDescription ns:StatusExceptionCode ns:StatusExceptionDescription ns:Address ns:StationId ns:ArrivalLocation</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/Events</td>
</tr>
</tbody>
</table>
### TrackEvent

**FedEx scanning information about a package.**

```xml
<xs:complexType name="TrackEvent">
  <xs:annotation>
    <xs:documentation>FedEx scanning information about a 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:documentation>
      </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:sequence>
</xs:complexType>
```
<table>
<thead>
<tr>
<th>XML Code</th>
</tr>
</thead>
</table>
| ```xml
  <xs:element>
    <xs:element name="ArrivalLocation" type="ns:ArrivalLocationType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Indicates where the arrival actually occurred.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>``` |
complexType TrackNotificationPackage

ns:TrackingNumber

namespace http://fedex.com/ws/track/v8

children ns:TrackingNumber ns:TrackingNumberUniqueIdentifiers ns:CarrierCode ns:ShipDate ns:Destination ns:RecipientDetails

used by element SendNotificationsReply/Packages

source

<xs:complexType name="TrackNotificationPackage">
  <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>
    <!-- other elements -->
  </xs:sequence>
</xs:complexType>
<xs:complexType name="TrackingNumberUniqueIdentifiers">
  <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 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:annotation>
      <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:annotation>
      <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" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
      <xs:documentation>Options available for a tracking notification recipient.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:complexType>
### TrackNotificationRecipientDetail

- **Children**: `ns:NotificationEventsAvailable`
- **Used by**: `TrackNotificationPackage/RecipientDetails`
- **Annotation** documentation:
  
  Options available for a tracking notification recipient.

```xml
<xs:complexType name="TrackNotificationRecipientDetail">
  <xs:annotation>
    <xs:documentation>Options available for a tracking notification recipient.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="NotificationEventsAvailable" type="ns:EMailNotificationEventType" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>The types of email notifications available for this recipient.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

### TrackOtherIdentifierDetail

- **Diagram**

- **Namespace**: `http://fedex.com/ws/track/v8`
- **Children**: `ns:PackageIdentifier`, `ns:TrackingNumberUniqueIdentifier`, `ns:CarrierCode`
- **Used by**: `TrackDetail/OtherIdentifiers`
- **Source**

```xml
<xs:complexType name="TrackOtherIdentifierDetail">
  <xs:sequence>
    <xs:element name="PackageIdentifier" type="ns:TrackPackageIdentifier" minOccurs="0"/>
    <xs:element name="TrackingNumberUniqueIdentifier" type="xs:string" minOccurs="0"/>
    <xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```
complexType TrackPackageIdentifier

namespace http://fedex.com/ws/track/v8

children ns:Type ns:Value

used by elements TrackOtherIdentifierDetail/PackageIdentifier TrackSelectionDetail/PackageIdentifier

annotation documentation The type and value of the package identifier that is to be used to retrieve the tracking information for a package.

source
<xs:complexType name="TrackPackageIdentifier">
  <xs:annotation>
    <xs:documentation>The type and value of the package identifier that is to be used to retrieve the tracking information for a package.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Type" type="ns:TrackIdentifierType">
      <xs:annotation>
        <xs:documentation>The type of the Value to be used to retrieve tracking information for a package (e.g. SHIPPER_REFERENCE, PURCHASE_ORDER, TRACKING_NUMBER_OR_DOORTAG, etc.).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Value" type="xs:string">
      <xs:annotation>
        <xs:documentation>The value to be used to retrieve tracking information for a package.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
complexType TrackReconciliation

diagram

namespace http://fedex.com/ws/track/v8

children ns:Status ns:Description

used by element TrackDetail/Reconciliation

annotation documentation

source
<xs:complexType name="TrackReconciliation">
  <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:sequence>
    <xs:element name="Status" type="xs:string">
      <xs:annotation>
        <xs:documentation>An identifier for this type of status.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Description" type="xs:string">
      <xs:annotation>
        <xs:documentation>A human-readable description of this status.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
complexType TrackReply

documentation
The descriptive data returned from a FedEx package tracking request.

namespace http://fedex.com/ws/track/v8

children  
ns:HighestSeverity
ns:Notifications
ns:TransactionDetail
ns:Version
ns:CompletedTrackDetails

used by  
element TrackReply

source  
<xs:complexType name="TrackReply">
  <xs:annotation>
    <xs:documentation>The descriptive data returned from a FedEx package tracking request.</xs:documentation>
  </xs:annotation>
</xs:complexType>
complexType TrackRequest

The descriptive data sent by a client to track a FedEx package.
<xs:complexType name="TrackRequest">
   <xs:annotation>
      <xs:documentation>The descriptive data sent by a client to track a FedEx package.</xs:documentation>
   </xs:annotation>
   <xs:sequence>
      <xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail">
         <xs:annotation>
            <xs:documentation>Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</xs:documentation>
         </xs:annotation>
      </xs:element>
      <xs:element name="ClientDetail" type="ns:ClientDetail">
         <xs:annotation>
            <xs:documentation>Descriptive data identifying the client submitting the transaction.</xs:documentation>
         </xs:annotation>
      </xs:element>
      <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0">
         <xs:annotation>
            <xs:documentation>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">
         <xs:annotation>
            <xs:documentation>The version of the request being used.</xs:documentation>
         </xs:annotation>
      </xs:element>
      <xs:element name="SelectionDetails" type="ns:TrackSelectionDetail" 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" 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" type="ns:TrackRequestProcessingOptionType" minOccurs="0" maxOccurs="unbounded"/>
   </xs:sequence>
</xs:complexType>
complexType TrackReturnDetail

namespace http://fedex.com/ws/track/v8

children ns:MovementStatus ns:LabelType ns:Description ns:AuthorizationName

used by element TrackDetail/ReturnDetail

source
<xs:complexType name="TrackReturnDetail">
  <xs:sequence>
    <xs:element name="MovementStatus" type="ns:TrackReturnMovementStatusType" minOccurs="0"/>
    <xs:element name="LabelType" type="ns:TrackReturnLabelType" minOccurs="0"/>
    <xs:element name="Description" type="xs:string" minOccurs="0"/>
    <xs:element name="AuthorizationName" type="xs:string" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

complexType TrackSelectionDetail

diagram

namespace http://fedex.com/ws/track/v8

children ns:CarrierCode ns:OperatingCompany ns:PackageIdentifier

used by element TrackDetail/SelectionDetail

source
<xs:complexType name="TrackSelectionDetail">
  <xs:sequence>
    <xs:element name="CarrierCode" type="ns:CarrierCodeType"/>
    <xs:element name="OperatingCompany" type="ns:OperatingCompanyType"/>
    <xs:element name="PackageIdentifier" type="ns:TrackPackageIdentifier"/>
  </xs:sequence>
</xs:complexType>
namespace http://fedex.com/ws/track/v8

used by  element TrackRequest/SelectionDetails

source  
<xs:complexType name="TrackSelectionDetail">
  <xs:sequence>
    <xs:element name="CarrierCode" type="ns:CarrierCodeType" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The FedEx operating company (transportation) used for this package's delivery.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="OperatingCompany" type="ns:OperatingCompanyType" 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="PackageIdentifier" type="ns:TrackPackageIdentifier" minOccurs="0">
      <xs:annotation>
        <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>
      </xs:annotation>
    </xs:element>
    <xs:element name="TrackingNumberUniqueIdentifier" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Used to distinguish duplicate FedEx tracking numbers.</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="ShipmentAccountNumber" type="xs:string" 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="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" 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

namespace http://fedex.com/ws/track/v8

children ns:Type ns:Description ns:ShortDescription

used by element TrackDetail/Service

source
<xs:complexType name="TrackServiceDescriptionDetail">
  <xs:sequence>
    <xs:element name="Type" type="ns:ServiceType" minOccurs="0"/>
    <xs:element name="Description" type="xs:string" minOccurs="0"/>
    <xs:element name="ShortDescription" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies a shorter description for the service that is calculated per the service code.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

complexType TrackSpecialHandling

source
<xs:complexType name="TrackSpecialHandling">
  <xs:sequence>
    <xs:element name="ns:Type" type="ns:TrackSpecialHandlingType"/>
    <xs:element name="ns:Description" type="xs:string"/>
    <xs:element name="ns:PaymentType" type="ns:TrackPaymentType"/>
  </xs:sequence>
</xs:complexType>
<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:Type ns:Description ns:PaymentType</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/SpecialHandlings</td>
</tr>
</tbody>
</table>
| source    | `<xs:complexType name="TrackSpecialHandling">`  
|           | `  <xs:sequence>`  
|           | `    <xs:element name="Type" type="ns:TrackSpecialHandlingType" minOccurs="0"/>`  
|           | `    <xs:element name="Description" type="xs:string" minOccurs="0"/>`  
|           | `    <xs:element name="PaymentType" type="ns:TrackPaymentType" minOccurs="0"/>`  
|           | `</xs:sequence>`  
|           | `</xs:complexType>` |

**complexType TrackSpecialInstruction**

![Diagram of TrackSpecialInstruction]

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:Description ns:DeliveryOption ns:StatusDetail ns:OriginalEstimatedDeliveryTimestamp ns:OriginalRequestTime ns:RequestedAppointmentTime</td>
</tr>
</tbody>
</table>
used by element TrackDetail/SpecialInstructions

source
<xs:complexType name="TrackSpecialInstruction">
  <xs:sequence>
    <xs:element name="Description" type="xs:string" minOccurs="0"/>
    <xs:element name="DeliveryOption" type="ns:TrackDeliveryOptionType" minOccurs="0"/>
    <xs:element name="StatusDetail" type="ns:SpecialInstructionStatusDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the status and status update time of the track special instructions.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="OriginalEstimatedDeliveryTimestamp" type="xs:dateTime" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the estimated delivery time that was originally estimated when the shipment was shipped.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="OriginalRequestTime" type="xs:dateTime" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Specifies the time the customer requested a change to the shipment.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RequestedAppointmentTime" type="ns:AppointmentDetail" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The requested appointment time for delivery.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
### complexType TrackSplitShipmentPart

**namespace** http://fedex.com/ws/track/v8

**children**
- ns:PieceCount
- ns:Timestamp
- ns:StatusCode
- ns:StatusDescription

**used by**
- element TrackDetail/SplitShipmentParts

**annotation**
Used when a cargo shipment is split across vehicles. This is used to give the status of each part of the shipment.

**source**
```xml
<xs:complexType name="TrackSplitShipmentPart">
  <xs:annotation>
    <xs:documentation>Used when a cargo shipment is split across vehicles. This is used to give the status of each part of the shipment.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="PieceCount" type="xs:positiveInteger" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The number of pieces in this part.</xs:documentation>
      </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:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="StatusCode" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>A code that identifies the 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 the status.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
complexType **TrackStatusAncillaryDetail**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>children</td>
<td>ns:Reason ns:ReasonDescription ns:Action ns:ActionDescription</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackStatusDetail/AncillaryDetails</td>
</tr>
</tbody>
</table>
| source    | `<xs:complexType name="TrackStatusAncillaryDetail">
  <xs:sequence>
    <xs:element name="Reason" type="xs:string" minOccurs="0"/>
    <xs:element name="ReasonDescription" type="xs:string" minOccurs="0"/>
    <xs:element name="Action" type="xs:string" minOccurs="0"/>
    <xs:element name="ActionDescription" type="xs:string" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>` |
complexType TrackStatusDetail

namespace http://fedex.com/ws/track/v8

children ns:CreationTime ns:Code ns:Description ns:Location ns:AncillaryDetails

used by element TrackDetail/StatusDetail

annotation documentation
Specifies the details about the status of the track information for the shipments being tracked.

source <xs:complexType name="TrackStatusDetail">
  <xs:annotation>
    <xs:documentation>Specifies the details about the status of the track information for the shipments being tracked.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="CreationTime" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="Code" type="xs:string" minOccurs="0"/>
    <xs:element name="Description" type="xs:string" minOccurs="0"/>
    <xs:element name="Location" type="ns:Address" minOccurs="0"/>
    <xs:element name="AncillaryDetails" type="ns:TrackStatusAncillaryDetail" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
complexType `TransactionDetail`

**Diagram**

```
TransactionDetail
  `CustomerTransactionId`
  `Localization`
```

**Namespace**

`http://fedex.com/ws/track/v8`

**Children**

- `ns:CustomerTransactionId`
- `ns:Localization`

**Used by**

- `SendNotificationsReply/TransactionDetail`
- `SendNotificationsRequest/TransactionDetail`
- `SignatureProofOfDeliveryFaxReply/TransactionDetail`
- `SignatureProofOfDeliveryFaxRequest/TransactionDetail`
- `SignatureProofOfDeliveryLetterReply/TransactionDetail`
- `SignatureProofOfDeliveryLetterRequest/TransactionDetail`
- `TrackReply/TransactionDetail`
- `TrackRequest/TransactionDetail`

**Annotation**

Descriptive data that governs data payload language/translations. The `TransactionDetail` from the request is echoed back to the caller in the corresponding reply.

**Source**

```xml
<xs:complexType name="TransactionDetail">
  <xs:annotation>
    <xs:documentation>Descriptive data that governs data payload language/translations. The TransactionDetail from the request is echoed back to the caller in the corresponding reply.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="CustomerTransactionId" type="xs:string" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Free form text to be echoed back in the reply. Used to match requests and replies.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Localization" type="ns:Localization" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Governs data payload language/translations (contrasted with ClientDetail.localization, which governs Notification.localizedMessage language selection).</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
complexType **VersionId**

```
<xs:complexType name="VersionId">
  <xs:annotation>
    <xs:documentation>Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="ServiceId" type="xs:string" fixed="trck">
      <xs:annotation>
        <xs:documentation>Identifies a system or sub-system which performs an operation.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Major" type="xs:int" fixed="8">
      <xs:annotation>
        <xs:documentation>Identifies the service business level.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="Intermediate" type="xs:int" fixed="6">
      <xs:annotation>
        <xs:documentation>Identifies the service interface level.</xs:annotation>
      </xs:documentation>
    </xs:element>
    <xs:element name="Minor" type="xs:int" fixed="0">
      <xs:annotation>
        <xs:documentation>Identifies the service code level.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```
complexType WebAuthenticationCredential

diagram

namespace http://fedex.com/ws/track/v8

children ns:Key ns:Password

used by element WebAuthenticationDetail/UserCredential

annotation documentation
Two part authentication string used for the sender's identity

source
<xs:complexType name="WebAuthenticationCredential">
  <xs:documentation>
    Two part authentication string used for the sender's identity
  </xs:documentation>
  <xs:annotation>
    <xs:documentation>Identifies the service business level. </xs:documentation>
  </xs:annotation>
  <xs:element name="Intermediate" type="xs:int" fixed="0">
    <xs:annotation>
      <xs:documentation>Identifies the service interface level. </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Minor" type="xs:int" fixed="0">
    <xs:annotation>
      <xs:documentation>Identifies the service code level. </xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:complexType>
complexType WebAuthenticationDetail

diagram

namespace http://fedex.com/ws/track/v8

children ns:UserCredential

used by elements SendNotificationsRequest/WebAuthenticationDetail SignatureProofOfDeliveryFaxRequest/WebAuthenticationDetail SignatureProofOfDeliveryLetterRequest/WebAuthenticationDetail TrackRequest/WebAuthenticationDetail

annotation documentation
Used in authentication of the sender's identity.

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

<table>
<thead>
<tr>
<th>diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Diagram of Weight" /></td>
</tr>
</tbody>
</table>

**namespace**
http://fedex.com/ws/track/v8

**children**
- ns:Units
- ns:Value

**used by**
- elements: TrackDetail/PackageDimensionalWeight, TrackDetail/PackageWeight, TrackDetail/ShipmenWeight, Commodity/Weight

**source**
```xml
<xs:complexType name="Weight">
  <xs:annotation>
    <xs:documentation>The descriptive data for the heaviness of an object.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="Units" type="ns:WeightUnits" 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**

<table>
<thead>
<tr>
<th>namespace</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
</tbody>
</table>

**type**
restriction of xs:string

**used by**
- element: AppointmentTimeDetail/Type
### AppointmentWindowType

The description that FedEx uses for a given appointment window.

```xml
<xs:simpleType name="AppointmentWindowType">
  <xs:annotation>
    <xs:documentation>The description that FedEx uses for a given appointment window.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="AFTERNOON"/>
    <xs:enumeration value="LATE_AFTERNOON"/>
    <xs:enumeration value="MID_DAY"/>
    <xs:enumeration value="MORNING"/>
  </xs:restriction>
</xs:simpleType>
```

### ArrivalLocationType

- **namespace**: http://fedex.com/ws(track/v8)
- **type**: restriction of xs:string
- **used by**: element TrackEvent/ArrivalLocation

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>enumeration</td>
<td>AIRPORT</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>CUSTOMER</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>CUSTOMS_BROKER</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>DELIVERY_LOCATION</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>DESTINATION_AIRPORT</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>DESTINATION_FEDEX_FACILITY</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>DROP_BOX</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>ENROUTE</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_FACILITY</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_OFFICE_LOCATION</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>INTERLINE_CARRIER</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>NON_FEDEX_FACILITY</td>
<td></td>
</tr>
</tbody>
</table>
<xs:restriction base="xs:string">
  <xs:enumeration value="AIRPORT"/>
  <xs:enumeration value="CUSTOMER"/>
  <xs:enumeration value="CUSTOMS_BROKER"/>
  <xs:enumeration value="DELIVERY_LOCATION"/>
  <xs:enumeration value="DESTINATION_AIRPORT"/>
  <xs:enumeration value="DESTINATION_FEDEX_FACILITY"/>
  <xs:enumeration value="DROP_BOX"/>
  <xs:enumeration value="ENROUTE"/>
  <xs:enumeration value="FEDEX_FACILITY"/>
  <xs:enumeration value="FEDEX_OFFICE_LOCATION"/>
  <xs:enumeration value="INTERLINE_CARRIER"/>
  <xs:enumeration value="NON_FEDEX_FACILITY"/>
  <xs:enumeration value="ORIGIN_AIRPORT"/>
  <xs:enumeration value="ORIGIN_FEDEX_FACILITY"/>
  <xs:enumeration value="PICKUP_LOCATION"/>
  <xs:enumeration value="PLANE"/>
  <xs:enumeration value="PORT_OF_ENTRY"/>
  <xs:enumeration value="SORT_FACILITY"/>
  <xs:enumeration value="TURNPOINT"/>
  <xs:enumeration value="VEHICLE"/>
</xs:restriction>
### simpleType `AvailableImageType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of <code>xs:string</code></td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/AvailableImages</td>
</tr>
<tr>
<td>facets Kind</td>
<td>Value</td>
</tr>
<tr>
<td>enumeration</td>
<td>BILL_OF_LADING</td>
</tr>
<tr>
<td>enumeration</td>
<td>SIGNATURE_PROOF_OF_DELIVERY</td>
</tr>
</tbody>
</table>

#### source

```xml
<xs:simpleType name="AvailableImageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BILL_OF_LADING"/>
    <xs:enumeration value="SIGNATURE_PROOF_OF_DELIVERY"/>
  </xs:restriction>
</xs:simpleType>
```

### simpleType `CarrierCodeType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of <code>xs:string</code></td>
</tr>
<tr>
<td>used by</td>
<td>elements QualifiedTrackingNumber/Carrier TrackDetail/CarrierCode TrackNotificationPackage/CarrierCode TrackOtherIdentifierDetail/CarrierCode TrackSelectionDetail/CarrierCode</td>
</tr>
<tr>
<td>facets Kind</td>
<td>Value</td>
</tr>
<tr>
<td>enumeration</td>
<td>FDXC</td>
</tr>
<tr>
<td>enumeration</td>
<td>FDXE</td>
</tr>
<tr>
<td>enumeration</td>
<td>FDXG</td>
</tr>
<tr>
<td>enumeration</td>
<td>FXCC</td>
</tr>
<tr>
<td>enumeration</td>
<td>FXFR</td>
</tr>
<tr>
<td>enumeration</td>
<td>FXSP</td>
</tr>
</tbody>
</table>

#### annotation documentation

Identification of a FedEx operating company (transportation).

#### source

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

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>COURTESY_RETURN_LABEL</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>EXHIBITION_TRADE_SHOW</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>FAULTY_ITEM</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>FOLLOWING_REPAIR</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>FOR_REPAIR</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>ITEM_FOR_LOAN</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>OTHER</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>REJECTED</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>REPLACEMENT</td>
<td></td>
</tr>
<tr>
<td>enum</td>
<td>enumeration</td>
<td>TRIAL</td>
<td></td>
</tr>
</tbody>
</table>

source

```xml
<xs:simpleType name="CustomsOptionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="COURTESY_RETURN_LABEL"/>
    <xs:enumeration value="EXHIBITION_TRADE_SHOW"/>
    <xs:enumeration value="FAULTY_ITEM"/>
    <xs:enumeration value="FOLLOWING_REPAIR"/>
    <xs:enumeration value="FOR_REPAIR"/>
    <xs:enumeration value="ITEM_FOR_LOAN"/>
    <xs:enumeration value="OTHER"/>
    <xs:enumeration value="REJECTED"/>
    <xs:enumeration value="REPLACEMENT"/>
    <xs:enumeration value="TRIAL"/>
  </xs:restriction>
</xs:simpleType>
```
simpleType **DeliveryOptionType**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element DeliveryOptionEligibilityDetail/Option</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>enumeration</td>
<td>INDIRECT_SIGNATURE_RELEASE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>REDIRECT_TO_HOLD_AT_LOCATION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>REROUTE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>RESCHEDULE</td>
<td></td>
</tr>
</tbody>
</table>

annotation documentation
Specifies the different option types for delivery.

source

```xml
<xs:simpleType name="DeliveryOptionType">
  <xs:annotation>
    <xs:documentation>Specifies the different option types for delivery.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="INDIRECT_SIGNATURE_RELEASE"/>
    <xs:enumeration value="REDIRECT_TO_HOLD_AT_LOCATION"/>
    <xs:enumeration value="REROUTE"/>
    <xs:enumeration value="RESCHEDULE"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **DistanceUnits**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element Distance/Units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>enumeration</td>
<td>KM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>MI</td>
<td></td>
</tr>
</tbody>
</table>

annotation documentation
Identifies the collection of units of measure that can be associated with a distance value.

source

```xml
<xs:simpleType name="DistanceUnits">
  <xs:annotation>
    <xs:documentation>Identifies the collection of units of measure that can be associated with a distance value.</xs:documentation>
  </xs:annotation>
</xs:simpleType>
```
simpleType `EligibilityType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element DeliveryOptionEligibilityDetail/Eligibility</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
</tr>
<tr>
<td>source</td>
<td><code>&lt;xs:simpleType name=&quot;EligibilityType&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:annotation&gt;</code></td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:documentation&gt;</code>Specifies different values of eligibility status&lt;/xs:documentation&gt;`</td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:restriction base=&quot;xs:string&quot;&gt;</code></td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:enumeration value=&quot;ELIGIBLE&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:enumeration value=&quot;INELIGIBLE&quot;/&gt;</code></td>
</tr>
<tr>
<td></td>
<td><code>&lt;xs:enumeration value=&quot;POSSIBLY_ELIGIBLE&quot;/&gt;</code></td>
</tr>
</tbody>
</table>

simpleType `EMailNotificationEventType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>elements TrackDetail/NotificationEventsAvailable TrackNotificationRecipientDetail/NotificationEventsAvailable EMailNotificationRecipient/NotificationEventsRequested</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>

```xml
<xs:restriction base="xs:string">
    <xs:enumeration value="KM"/>
    <xs:enumeration value="MI"/>
</xs:restriction>
</xs:simpleType>
```
**simpleType EMailNotificationFormatType**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element EMailNotificationRecipient/Format</td>
</tr>
<tr>
<td>facets</td>
<td></td>
</tr>
<tr>
<td>Kind</td>
<td>Value</td>
</tr>
<tr>
<td>enumeration HTML</td>
<td>annotation</td>
</tr>
<tr>
<td>enumeration TEXT</td>
<td></td>
</tr>
<tr>
<td>enumeration WIRELESS</td>
<td></td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
</tr>
<tr>
<td>source</td>
<td></td>
</tr>
</tbody>
</table>

**simpleType EMailNotificationRecipientType**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element EMailNotificationRecipient/EMailNotificationRecipientType</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>enumeration</td>
<td>BROKER</td>
</tr>
<tr>
<td>enumeration</td>
<td>OTHER</td>
</tr>
<tr>
<td>enumeration</td>
<td>RECIPIENT</td>
</tr>
<tr>
<td>enumeration</td>
<td>SHIPPER</td>
</tr>
</tbody>
</table>

SimpleType `EMailNotificationRecipientType`

```xml
<xs:simpleType name="EMailNotificationRecipientType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BROKER"/>
    <xs:enumeration value="OTHER"/>
    <xs:enumeration value="RECIPIENT"/>
    <xs:enumeration value="SHIPPER"/>
  </xs:restriction>
</xs:simpleType>
```

SimpleType `FedExLocationType`

```xml
<xs:simpleType name="FedExLocationType">
  <xs:annotation>
    <xs:documentation>Identifies a kind of FedEx facility.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="FEDEX_FACILITY"/>
    <xs:enumeration value="FEDEX_SHIPSITE"/>
  </xs:restriction>
</xs:simpleType>
```

SimpleType `LinearUnits`

```xml
<xs:simpleType name="LinearUnits">
  <xs:restriction base="xs:string">
    <xs:enumeration value=""/>
    <xs:enumeration value=""/>
  </xs:restriction>
</xs:simpleType>
```
<table>
<thead>
<tr>
<th>used by</th>
<th>element</th>
<th>Dimensions/Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>facets</td>
<td>Kind</td>
<td>Value</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>CM</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>IN</td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
<td>CM = centimeters, IN = inches</td>
</tr>
</tbody>
</table>
| source | <xs:simpleType name="LinearUnits">
| | <xs:annotation>
| | <xs:documentation>CM = centimeters, IN = inches</xs:documentation>
| | </xs:annotation>
| | <xs:restriction base="xs:string">
| | <xs:enumeration value="CM"/>
| | <xs:enumeration value="IN"/>
| | </xs:restriction>
| | </xs:simpleType> |

**simpleType NaftaNetCostMethodCode**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element NaftaCommodityDetail/NetCostMethod</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>
| source | <xs:simpleType name="NaftaNetCostMethodCode">
| | <xs:restriction base="xs:string">
| | <xs:enumeration value="NC"/>
| | <xs:enumeration value="NO"/>
| | </xs:restriction>
| | </xs:simpleType> |

**simpleType NaftaPreferenceCriterionCode**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element NaftaCommodityDetail/PreferenceCriterion</td>
</tr>
<tr>
<td>facets</td>
<td>annotation documentation</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------</td>
</tr>
<tr>
<td></td>
<td>See instructions for NAFTA Certificate of Origin for code definitions.</td>
</tr>
</tbody>
</table>

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

simpleType NaftaProducerDeterminationCode

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>NaftaCommodityDetail/ProducerDetermination</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>annotation documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>See instructions for NAFTA Certificate of Origin for code definitions.</td>
</tr>
</tbody>
</table>

```xml
<xs:simpleType name="NaftaProducerDeterminationCode">
  <xs:annotation>
    <xs:documentation>See instructions for NAFTA Certificate of Origin for code definitions.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="NO_1"/>
    <xs:enumeration value="NO_2"/>
    <xs:enumeration value="NO_3"/>
    <xs:enumeration value="YES"/>
  </xs:restriction>
</xs:simpleType>
```
simpleType NotificationSeverityType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>CompletedTrackDetail/HighestSeverity SendNotificationsReply/HighestSeverity SignatureProofOfDeliveryFaxReply/HighestSeverity SignatureProofOfDeliveryLetterReply/HighestSeverity TrackReply/HighestSeverity Notification/Severity</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:simpleType name=&quot;NotificationSeverityType&quot;&gt;</td>
</tr>
<tr>
<td></td>
<td><a href="">xs:documentation</a>Identifies the set of severity values for a Notification.&lt;/xs:documentation&gt;</td>
</tr>
</tbody>
</table>

simpleType OfficeOrderDeliveryMethodType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>enumeration</td>
<td>COURIER</td>
</tr>
<tr>
<td>enumeration</td>
<td>OTHER</td>
</tr>
<tr>
<td>enumeration</td>
<td>PICKUP</td>
</tr>
<tr>
<td>enumeration</td>
<td>SHIPMENT</td>
</tr>
</tbody>
</table>

```xml
<xs:simpleType name="OfficeOrderDeliveryMethodType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="COURIER"/>
    <xs:enumeration value="OTHER"/>
    <xs:enumeration value="PICKUP"/>
    <xs:enumeration value="SHIPMENT"/>
  </xs:restriction>
</xs:simpleType>
```

**simpleType OperatingCompanyType**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>TrackDetail/OperatingCompany TrackSelectionDetail/OperatingCompany</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>enumeration</td>
<td>FEDEX_CARGO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_CORPORATE_SERVICES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_CORPORATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_CUSTOMER_INFORMATION_SYSTEMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_CUSTOM_CRITICAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_EXPRESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_FREIGHT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_GROUND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_KINKOS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_OFFICE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_SERVICES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_TRADE_NETWORKS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**annotation documentation**

Identification for a FedEx operating company (transportation and non-transportation).

```xml
<xs:simpleType name="OperatingCompanyType"/>
```
<xs:annotation>
  <xs:documentation>Identification for a FedEx operating company (transportation and non-transportation).</xs:documentation>
</xs:annotation>
<xs:restriction base="xs:string">
  <xs:enumeration value="FEDEX_CARGO"/>
  <xs:enumeration value="FEDEX_CORPORATE_SERVICES"/>
  <xs:enumeration value="FEDEX_CORPORATION"/>
  <xs:enumeration value="FEDEX_CUSTOMER_INFORMATION_SYSTEMS"/>
  <xs:enumeration value="FEDEX_CUSTOM_CRITICAL"/>
  <xs:enumeration value="FEDEX_EXPRESS"/>
  <xs:enumeration value="FEDEX_FREIGHT"/>
  <xs:enumeration value="FEDEX_GROUND"/>
  <xs:enumeration value="FEDEX_KINKOS"/>
  <xs:enumeration value="FEDEX_OFFICE"/>
  <xs:enumeration value="FEDEX_SERVICES"/>
  <xs:enumeration value="FEDEX_TRADE_NETWORKS"/>
</xs:restriction>
</xs:simpleType>

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kind</td>
<td>Value</td>
<td>Annotation</td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_10KG_BOX</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_25KG_BOX</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_BOX</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_ENVELOPE</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_PAK</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_TUBE</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>YOUR_PACKAGING</td>
<td></td>
</tr>
</tbody>
</table>

simpleType **PackagingType**

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
<td></td>
</tr>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
<td></td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/PackagingType</td>
<td></td>
</tr>
<tr>
<td>facets</td>
<td>Kind enumeration</td>
<td></td>
</tr>
<tr>
<td>annotation</td>
<td>documentation</td>
<td>The enumerated packaging type used for this package.</td>
</tr>
</tbody>
</table>

source

```xml
<xs:simpleType name="PackagingType">
  <xs:annotation>
    <xs:documentation>The enumerated packaging type used for this package.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
```

FedEx Web Services, Track Service 165
### simpleType PieceCountLocationType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element PieceCountVerificationDetail/CountLocationType</td>
</tr>
<tr>
<td>facets</td>
<td></td>
</tr>
<tr>
<td>Kind</td>
<td>Value</td>
</tr>
<tr>
<td>enumeration</td>
<td>DESTINATION</td>
</tr>
<tr>
<td>enumeration</td>
<td>ORIGIN</td>
</tr>
</tbody>
</table>

**source**

```xml
<xs:simpleType name="PieceCountLocationType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DESTINATION"/>
    <xs:enumeration value="ORIGIN"/>
  </xs:restriction>
</xs:simpleType>
```

### simpleType ServiceType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackServiceDescriptionDetail/Type</td>
</tr>
<tr>
<td>facets</td>
<td></td>
</tr>
<tr>
<td>Kind</td>
<td>Value</td>
</tr>
<tr>
<td>enumeration</td>
<td>EUROPE_FIRST INTERNATIONAL_PRIORITY</td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_1_DAY_FREIGHT</td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_2_DAY</td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_2_DAY_AM</td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_2_DAY_FREIGHT</td>
</tr>
</tbody>
</table>

**source**

```xml
<xs:simpleType name="ServiceType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EUROPE_FIRST INTERNATIONAL_PRIORITY"/>
    <xs:enumeration value="FEDEX_1_DAY_FREIGHT"/>
    <xs:enumeration value="FEDEX_2_DAY"/>
    <xs:enumeration value="FEDEX_2_DAY_AM"/>
    <xs:enumeration value="FEDEX_2_DAY_FREIGHT"/>
  </xs:restriction>
</xs:simpleType>
```
<table>
<thead>
<tr>
<th>Enumeration Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEDEX_3_DAY_FREIGHT</td>
</tr>
<tr>
<td>FEDEX_CARGO_AIRPORT_TO_AIRPORT</td>
</tr>
<tr>
<td>FEDEX_CARGO_FREIGHT_FORWARDING</td>
</tr>
<tr>
<td>FEDEX_CARGO_INTERNATIONAL_EXPRESS_FREIGHT</td>
</tr>
<tr>
<td>FEDEX_CARGO_INTERNATIONAL_PREMIUM</td>
</tr>
<tr>
<td>FEDEX_CARGO_MAIL</td>
</tr>
<tr>
<td>FEDEX_CARGO_REGISTERED_MAIL</td>
</tr>
<tr>
<td>FEDEX_CARGO_SURFACE_MAIL</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_EXCLUSIVE_USE</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_NETWORK</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_CHARTER_AIR</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_POINT_TO_POINT</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE_EXCLUSIVE_USE</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_AIR</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_VALIDATED_AIR</td>
</tr>
<tr>
<td>FEDEX_CUSTOM_CRITICAL_WHITE_GLOVE_SERVICES</td>
</tr>
<tr>
<td>FEDEX_DISTANCE_DEFERRED</td>
</tr>
<tr>
<td>FEDEX_EXPRESS_SAVER</td>
</tr>
<tr>
<td>FEDEX_FIRST_FREIGHT</td>
</tr>
<tr>
<td>FEDEX_FREIGHT_ECONOMY</td>
</tr>
<tr>
<td>FEDEX_FREIGHT_PRIORITY</td>
</tr>
<tr>
<td>FEDEX_GROUND</td>
</tr>
<tr>
<td>FEDEX_NEXT_DAY_AFTERNOON</td>
</tr>
<tr>
<td>FEDEX_NEXT_DAY_EARLY_MORNING</td>
</tr>
<tr>
<td>FEDEX_NEXT_DAY_END_OF_DAY</td>
</tr>
<tr>
<td>FEDEX_NEXT_DAY_FREIGHT</td>
</tr>
<tr>
<td>FEDEX_NEXT_DAY_MID_MORNING</td>
</tr>
<tr>
<td>FIRST_OVERNIGHT</td>
</tr>
<tr>
<td>GROUND_HOME_DELIVERY</td>
</tr>
<tr>
<td>INTERNATIONAL_DISTRIBUTION_FREIGHT</td>
</tr>
<tr>
<td>INTERNATIONAL_ECONOMY</td>
</tr>
<tr>
<td>INTERNATIONAL_ECONOMY_DISTRIBUTION</td>
</tr>
<tr>
<td>INTERNATIONAL_ECONOMY_FREIGHT</td>
</tr>
<tr>
<td>enumeration</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>INTERNATIONAL_FIRST</td>
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<tr>
<td>INTERNATIONAL_PRIORITY</td>
</tr>
<tr>
<td>INTERNATIONAL_PRIORITY_DISTRIBUTION</td>
</tr>
<tr>
<td>INTERNATIONAL_PRIORITY_FREIGHT</td>
</tr>
<tr>
<td>PRIORITY_OVERNIGHT</td>
</tr>
<tr>
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</tr>
<tr>
<td>SAME_DAY_CITY</td>
</tr>
<tr>
<td>SMART_POST</td>
</tr>
<tr>
<td>STANDARD_OVERNIGHT</td>
</tr>
<tr>
<td>TRANS Border DISTRIBUTION CONSOLIDATION</td>
</tr>
</tbody>
</table>

```xml
<xs:simpleType name="ServiceType">
  <xs:annotation>
    <xs:documentation>The service type of the package/shipment.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="EUROPE_FIRST_INTERNATIONAL_PRIORITY"/>
    <xs:enumeration value="FEDEX_1_DAY_FREIGHT"/>
    <xs:enumeration value="FEDEX_2_DAY"/>
    <xs:enumeration value="FEDEX_2_DAY_AM"/>
    <xs:enumeration value="FEDEX_2_DAY_FREIGHT"/>
    <xs:enumeration value="FEDEX_3_DAY_FREIGHT"/>
    <xs:enumeration value="FEDEX_CARGO_AIRPORT_TO_AIRPORT"/>
    <xs:enumeration value="FEDEX_CARGO_FREIGHT_FORWARDING"/>
    <xs:enumeration value="FEDEX_CARGO_INTERNATIONAL_EXPRESS_FREIGHT"/>
    <xs:enumeration value="FEDEX_CARGO_INTERNATIONAL_PREMIUM"/>
    <xs:enumeration value="FEDEX_CARGO_MAIL"/>
    <xs:enumeration value="FEDEX_CARGO_REGISTERED_MAIL"/>
    <xs:enumeration value="FEDEX_CARGO_SURFACE_MAIL"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_EXCLUSIVE_USE"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_AIR_EXPEDITE_NETWORK"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_CHARTER_AIR"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_POINT_TO_POINT"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_SURFACE_EXPEDITE_EXCLUSIVE_USE"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_AIR"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_TEMP_ASSURE_VALIDATED_AIR"/>
    <xs:enumeration value="FEDEX_CUSTOM_CRITICAL_WHITE_GLOVE_SERVICES"/>
  </xs:restriction>
</xs:simpleType>
```
<xs:restriction base="xs:string">
  <xs:enumeration value="FEDEX_DISTANCE_DEFERRED"/>
  <xs:enumeration value="FEDEX_EXPRESS_SAVER"/>
  <xs:enumeration value="FEDEX_FIRST_FREIGHT"/>
  <xs:enumeration value="FEDEX_FREIGHT_ECONOMY"/>
  <xs:enumeration value="FEDEX_FREIGHT_PRIORITY"/>
  <xs:enumeration value="FEDEX_GROUND"/>
  <xs:enumeration value="FEDEX_NEXT_DAY_AFTERNOON"/>
  <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

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element SignatureProofOfDeliveryLetterRequest/LetterFormat</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>
source | <xs:simpleType name="SignatureProofOfDeliveryImageType">
| | <xs:annotation>
| | | <xs:documentation>Identifies the set of SPOD image types.</xs:documentation>
| | </xs:annotation>
| | <xs:restriction base="xs:string">
| | | <xs:enumeration value="PDF"/>
| | | <xs:enumeration value="PNG"/>
| | </xs:restriction>
| | </xs:simpleType>

**simpleType** *SpecialInstructionsStatusCode*

<table>
<thead>
<tr>
<th>attribute</th>
<th>value</th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element SpecialInstructionStatusDetail/Status</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td>enumeration</td>
<td>ACCEPTED</td>
</tr>
<tr>
<td>enumeration</td>
<td>CANCELLED</td>
</tr>
<tr>
<td>enumeration</td>
<td>DENIED</td>
</tr>
<tr>
<td>enumeration</td>
<td>HELD</td>
</tr>
<tr>
<td>enumeration</td>
<td>MODIFIED</td>
</tr>
<tr>
<td>enumeration</td>
<td>RELINQUISHED</td>
</tr>
<tr>
<td>enumeration</td>
<td>REQUESTED</td>
</tr>
<tr>
<td>enumeration</td>
<td>SET</td>
</tr>
</tbody>
</table>

source | <xs:simpleType name="SpecialInstructionsStatusCode">
| | <xs:restriction base="xs:string">
| | | <xs:enumeration value="ACCEPTED"/>
| | | <xs:enumeration value="CANCELLED"/>
| | | <xs:enumeration value="DENIED"/>
| | | <xs:enumeration value="HELD"/>
| | | <xs:enumeration value="MODIFIED"/>
| | | <xs:enumeration value="RELINQUISHED"/>
| | | <xs:enumeration value="REQUESTED"/>
| | | <xs:enumeration value="SET"/>
| | </xs:restriction>
| | </xs:simpleType>
### simpleType `StringBarcodeType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of <code>xs:string</code></td>
</tr>
<tr>
<td>used by</td>
<td><code>StringBarcode/Type</code></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>enumeration</td>
<td>ADDRESS</td>
<td>ADDRESS</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>ASTRA</td>
<td>ASTRA</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FEDEX_1D</td>
<td>FEDEX_1D</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>GROUND</td>
<td>GROUND</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>POSTAL</td>
<td>POSTAL</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>USPS</td>
<td>USPS</td>
<td></td>
</tr>
</tbody>
</table>

```xml
<xs:simpleType name="StringBarcodeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="ADDRESS"/>
    <xs:enumeration value="ASTRA"/>
    <xs:enumeration value="FEDEX_1D"/>
    <xs:enumeration value="GROUND"/>
    <xs:enumeration value="POSTAL"/>
    <xs:enumeration value="USPS"/>
  </xs:restriction>
</xs:simpleType>
```

### simpleType `TrackAdvanceNotificationStatusType`

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of <code>xs:string</code></td>
</tr>
<tr>
<td>used by</td>
<td><code>TrackAdvanceNotificationDetail/Status</code></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
<th>annotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>enumeration</td>
<td>BACK_ON_TRACK</td>
<td>BACK_ON_TRACK</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>FAIL</td>
<td>FAIL</td>
<td></td>
</tr>
</tbody>
</table>

```xml
<xs:simpleType name="TrackAdvanceNotificationStatusType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BACK_ON_TRACK"/>
    <xs:enumeration value="FAIL"/>
  </xs:restriction>
</xs:simpleType>
```
<table>
<thead>
<tr>
<th>simpleType</th>
<th>TrackChargeDetailType</th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackChargeDetailType</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td>source</td>
<td>&lt;xs:simpleType name=&quot;TrackChargeDetailType&quot;&gt;</td>
</tr>
<tr>
<td></td>
<td>&lt;xs:restriction base=&quot;xs:string&quot;&gt;</td>
</tr>
<tr>
<td></td>
<td>&lt;xs:enumeration value=&quot;ORIGINAL_CHARGES&quot;/&gt;</td>
</tr>
<tr>
<td></td>
<td>&lt;/xs:restriction&gt;</td>
</tr>
<tr>
<td></td>
<td>&lt;/xs:simpleType&gt;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>simpleType</th>
<th>TrackDeliveryLocationType</th>
</tr>
</thead>
<tbody>
<tr>
<td>namespace</td>
<td><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></td>
</tr>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/DeliveryLocationType</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
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<td>enumeration</td>
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<td>enumeration</td>
</tr>
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<td>enumeration</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>annotation</th>
<th>documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The delivery location at the delivered to address.</td>
</tr>
</tbody>
</table>
<xs:simpleType name="TrackDeliveryLocationType">
    <xs:annotation>
        <xs:documentation>The delivery location at the delivered to address.</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:enumeration value="APARTMENT_OFFICE"/>
        <xs:enumeration value="FEDEX_LOCATION"/>
        <xs:enumeration value="GATE_House"/>
        <xs:enumeration value="GUARD_OR_SECURITY_STATION"/>
        <xs:enumeration value="IN_BOND_OR_CAGE"/>
        <xs:enumeration value="LEASING_OFFICE"/>
        <xs:enumeration value="MAILROOM"/>
        <xs:enumeration value="MAIN_OFFICE"/>
        <xs:enumeration value="MANAGER_OFFICE"/>
        <xs:enumeration value="OTHER"/>
        <xs:enumeration value="PHARMACY"/>
        <xs:enumeration value="RECEPTIONIST_OR_FRONT_DESK"/>
        <xs:enumeration value="RENTAL_OFFICE"/>
        <xs:enumeration value="RESIDENCE"/>
        <xs:enumeration value="SHIPPING RECEIVING"/>
    </xs:restriction>
</xs:simpleType>

**simpleType TrackDeliveryOptionType**

<table>
<thead>
<tr>
<th>facet</th>
<th>Kind</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>enumeration</td>
<td>APPOINTMENT</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>DATE_CERTAIN</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>ELECTRONIC_SIGNATURE_RELEASE</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>EVENING</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>REDIRECT_TO_HOLD_AT_LOCATION</td>
<td></td>
</tr>
<tr>
<td>enumeration</td>
<td>REROUTE</td>
<td></td>
</tr>
</tbody>
</table>

source
<xs:simpleType name="TrackDeliveryOptionType">
    <xs:restriction base="xs:string">
        <xs:enumeration value="APPOINTMENT"/>
    </xs:restriction>
</xs:simpleType>
### simpleType TrackDetailAttributeType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackDetail/Attributes</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>

#### source
```
<xs:simpleType name="TrackDetailAttributeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="INCLUDED_IN_WATCHLIST"/>
  </xs:restriction>
</xs:simpleType>
```

### simpleType TrackIdentifierType

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackPackageIdentifier/Type</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
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<td>enumeration</td>
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<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>

#### source
```
<xs:simpleType name="TrackIdentifierType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BILL_OF_LADING"/>
    <xs:enumeration value="COD_RETURN_TRACKING_NUMBER"/>
    <xs:enumeration value="CUSTOMER_AUTHORIZATION_NUMBER"/>
    <xs:enumeration value="CUSTOMER_REFERENCE"/>
    <xs:enumeration value="DEPARTMENT"/>
    <xs:enumeration value="DOCUMENT_AIRWAY_BILL"/>
    <xs:enumeration value="FREE_FORM_REFERENCE"/>
    <xs:enumeration value="GROUND_INTERNATIONAL"/>
    <xs:enumeration value="GROUND_SHIPMENT_ID"/>
  </xs:restriction>
</xs:simpleType>
```
<table>
<thead>
<tr>
<th>Enumeration</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP_MPS</td>
</tr>
<tr>
<td>INVOICE</td>
</tr>
<tr>
<td>JOB_GLOBAL_TRACKING_NUMBER</td>
</tr>
<tr>
<td>ORDER_GLOBAL_TRACKING_NUMBER</td>
</tr>
<tr>
<td>ORDER_TO_PAY_NUMBER</td>
</tr>
<tr>
<td>OUTBOUND_LINK_TO_RETURN</td>
</tr>
<tr>
<td>PARTNER_CARRIER_NUMBER</td>
</tr>
<tr>
<td>PART_NUMBER</td>
</tr>
<tr>
<td>PURCHASE_ORDER</td>
</tr>
<tr>
<td>REROUTE_TRACKING_NUMBER</td>
</tr>
<tr>
<td>RETURNED_TO_SHIPPER_TRACKING_NUMBER</td>
</tr>
<tr>
<td>RETURN MATERIALS AUTHORIZATION</td>
</tr>
<tr>
<td>SHIPPER_REFERENCE</td>
</tr>
<tr>
<td>STANDARD_MPS</td>
</tr>
<tr>
<td>TRACKING_NUMBER OR DOORTAG</td>
</tr>
<tr>
<td>TRANSPORTATION_CONTROL_NUMBER</td>
</tr>
</tbody>
</table>

**Annotation**
The type of track to be performed.

```xml
<xs:complexType name="TrackIdentifierType">
  <xs:annotation>
    <xs:documentation>The type of track to be performed.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:enumeration value="BILL_OF_LADING"/>
    <xs:enumeration value="COD_RETURN_TRACKING_NUMBER"/>
    <xs:enumeration value="CUSTOMER_AUTHORIZATION_NUMBER"/>
    <xs:enumeration value="CUSTOMER_REFERENCE"/>
    <xs:enumeration value="DEPARTMENT"/>
    <xs:enumeration value="DOCUMENT_AIRWAY_BILL"/>
    <xs:enumeration value="FREE_FORM_REFERENCE"/>
    <xs:enumeration value="GROUNDINTERNATIONAL"/>
    <xs:enumeration value="GROUND_SHIPMENT_ID"/>
    <xs:enumeration value="GROUP_MPS"/>
    <xs:enumeration value="INVOICE"/>
    <xs:enumeration value="JOB_GLOBAL_TRACKING_NUMBER"/>
    <xs:enumeration value="ORDER_GLOBAL_TRACKING_NUMBER"/>
    <xs:enumeration value="ORDER_TO_PAY_NUMBER"/>
    <xs:enumeration value="OUTBOUND_LINK_TO_RETURN"/>
    <xs:enumeration value="PARTNER_CARRIER_NUMBER"/>
  </xs:restriction>
</xs:complexType>
```
<xs:enumeration value="PART_NUMBER"/>
<xs:enumeration value="PURCHASE_ORDER"/>
<xs:enumeration value="REROUTE_TRACKING_NUMBER"/>
<xs:enumeration value="RETURNED_TO_SHIPPER_TRACKING_NUMBER"/>
<xs:enumeration value="RETURN_MATERIALS_AUTHORIZATION"/>
<xs:enumeration value="SHIPPER_REFERENCE"/>
<xs:enumeration value="STANDARD_MPS"/>
<xs:enumeration value="TRACKING_NUMBER_OR_DOORTAG"/>
<xs:enumeration value="TRANSPORTATION_CONTROL_NUMBER"/>
</xs:restriction>
</xs:simpleType>

**simpleType TrackPaymentType**

<table>
<thead>
<tr>
<th>namespace</th>
<th><a href="http://fedex.com/ws/track/v8">http://fedex.com/ws/track/v8</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>restriction of xs:string</td>
</tr>
<tr>
<td>used by</td>
<td>element TrackSpecialHandling/PaymentType</td>
</tr>
<tr>
<td>facets</td>
<td>Kind</td>
</tr>
<tr>
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<td>enumeration</td>
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</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
</tr>
</tbody>
</table>

source

<xs:simpleType name="TrackPaymentType">
<xs:restriction base="xs:string">
  <xs:enumeration value="CASH_OR_CHECK_AT_DESTINATION"/>
  <xs:enumeration value="CASH_OR_CHECK_AT_ORIGIN"/>
  <xs:enumeration value="CREDIT_CARD_AT_DESTINATION"/>
  <xs:enumeration value="CREDIT_CARD_AT_ORIGIN"/>
  <xs:enumeration value="OTHER"/>
  <xs:enumeration value="RECIPIENT_ACCOUNT"/>
  <xs:enumeration value="SHIPPER_ACCOUNT"/>
  <xs:enumeration value="THIRD_PARTY_ACCOUNT"/>
</xs:restriction>
</xs:simpleType>
simpleType **TrackPossessionStatusType**

<table>
<thead>
<tr>
<th>facets</th>
<th>Kind</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>enumeration</td>
<td>BROKER</td>
</tr>
<tr>
<td></td>
<td>enumeration</td>
<td>CARRIER</td>
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    <xs:enumeration value="RECIPIENT"/>
    <xs:enumeration value="SHIPPER"/>
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    <xs:enumeration value="TRANSFER_PARTNER"/>
  </xs:restriction>
</xs:simpleType>
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simpleType **TrackRequestProcessingOptionType**

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source

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<tr>
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```xml
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**simpleType TrackReturnMovementStatusType**

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<td>enumeration</td>
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**simpleType TrackSpecialHandlingType**

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<tr>
<td>enumeration</td>
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**simpleType** `WeightUnits`

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