



Locations Service



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

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About This Guide

This guide describes how to integrate with FedEx Web Services.

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

Document Organization

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

Resources

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

Support

- Contact FedEx Web Services technical support at websupport@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

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

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

See [Chapter 2: Locations Service](#) for more information.

- **Offer Global Shipping Options:** Create shipping labels for worldwide locations. Improve customer service by offering more shipping options to customers in more countries with the consolidated Ship Service WSDL.
- **Reduce Customer Service Costs:** Decrease phone traffic from customers checking the status of their shipments and cut customer service costs. FedEx provides online Tracking and Visibility Services that allow you to provide customers with the status of shipments, Signature Proof of Delivery (SPOD), and Shipment Notification in the Ship Request.
- **Simplify Processes and Improve Satisfaction:** In addition to ExpressTagAvailability, provide a simple way to allow customers to return an order with Email Labels. This service sends an email with the address (URL) of a website where the recipient can log in and print a return label.

Why should developers be interested in web services?

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

Any application running on any platform can interact with a web service by using the Simple Object Access Protocol (SOAP) and Web Services Description Language (WSDL) standards for message transfer and service discovery. By following the standards, applications can seamlessly communicate with platform services.

1.1 Document Overview

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

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

1.2 Printing All or Part of This Guide

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

1.2.1 Printing from the PDF Version

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

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

1.3 Web Services, WSDL, and SOAP Overview

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

1.3.1 Web Services

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

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

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

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

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

is semantically same as

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

or even (hypothetically) same as

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

1.3.2 WSDL

A SOAP request to, or response from, a service is generated according to the service's WSDL definition. A WSDL document describes a service. It is an XML document that provides information about what the service does, the methods that are available, their parameters, and parameter types. It describes how to communicate with the service in order to generate a request to, or decipher a response from, the service.

The purpose of a WSDL is to completely describe a web service to a client. A WSDL defines where the service is available and what communications protocol is used to talk to the service. It defines everything required to write a program to work with an XML web service. A WSDL document describes a web service using seven major elements. Elements can be abstract or concrete.

Abstract XML elements describe the web service: <types>, <message>, <operation>, <portType>. Concrete XML elements provide connection details: <service>, <port>, <binding>.

1.3.2.1 WSDL Elements

Element	Definition
<definitions>	The root element contains name space definitions.

Element	Definition
<portType>	The most important WSDL element. It is a set of all operations that a web service can accept and is a container for <operation> elements. This WSDL element describes a web service, the operations that can be performed, and the messages that are involved, and can be compared to a function library (or a module or a class) in a traditional programming language.
<types>	Defines variable types used in the web service (both the parameters passed to a function and the type of the value passed back via the response). The data types are described by XML schema. This element contains user-defined data types (in the form of XML schema). For maximum platform neutrality, WSDL uses XML schema syntax to define data types.
<message>	Defines the data elements of an operation. Each message can consist of one or more parts that can be compared to the parameters of a function call in a traditional programming language.
<operation>	Child of the <binding> element that defines each operation that the port exposes. This element allows only three messages: 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.

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

1.3.3 SOAP

- Is a simple XML-based protocol that allows applications to exchange information over HTTP.
- Is built on open standards supported by numerous development tools on various platforms.
- Is a request interface object in your application programming language.
- Provides a way to communicate between applications running on different operating systems, with different technologies and programming languages.
- Enables the data to pass through layers of intermediaries and arrive at the ultimate receiver the way it was intended.

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

1.3.3.1 SOAP Message

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

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

1.3.3.1.1 Example: Delete Tag Request (SOAP Message)

```
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="http://fedex.com/ws/ship/v15">
  <SOAP-ENV:Body>
    <DeleteTagRequest>
      <WebAuthenticationDetail>
        <UserCredential>
          <Key>
            User Key
          </Key>
          <Password>
            User Password
          </Password>
        </UserCredential>
      </WebAuthenticationDetail>
      <Client detail>
        <AccountNumber>xxxxxxxx</Account number>
        <MeterNumber>xxxxxxx</MeterNumber>
      </ClientDetail>

      <Version>
        <ServiceId>ship</ServiceId>
        <Major>15</Major>
        <Intermediate>0</Intermediate>
        <Minor>0</Minor>
      </Version>
      <DispatchLocationId>MQYA</DispatchLocationId>
      <DispatchDate> yyyy-mm-dd </DispatchDate>
      <Payment>
        <PaymentType>shipper</PaymentType>
        <Payor>
          <AccountNumber>xxxxxxxx</AccountNumber>
          <CountryCode>US</CountryCode>
        </Payor>
      </Payment>
      <ConfirmationNumber>997037200019454</ConfirmationNumber>
    </DeleteTagRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

1.3.4 Non-SOAP Web Services

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

To use the non-SOAP web service solution, you must have a working knowledge of HTTPS and Secure Socket Layering (SSL) encryption, the ability to provide a secure SSL connection to FedEx and the ability to code to an operation interface using XML.

The interfaces used in the SOAP and non-SOAP web services are defined in WSDL files. The WSDL files contain schemas that define the layout of the operations. The same WSDL file is used for both the SOAP and non-SOAP web service users.

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

1.3.4.1 Example Track Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v9="http://fedex.com/ws/track/v9">
  <soapenv:Header/>
  <soapenv:Body>
    <v9:TrackRequest>
      <v9:WebAuthenticationDetail>
        <v9:UserCredential>
          <v9:Key>xxxxxx</v9:Key>
          <v9:Password/>
        </v9:UserCredential>
      </v9:WebAuthenticationDetail>
      <v9:ClientDetail>
        <v9:AccountNumber>XXXX</v9:AccountNumber>
        <v9:MeterNumber>XXXX</v9:MeterNumber>
        <v9:Localization>
          <v9:LanguageCode>EN</v9:LanguageCode>
          <v9:LocaleCode>US</v9:LocaleCode>
        </v9:Localization>
      </v9:ClientDetail>
      <v9:TransactionDetail>
        <v9:CustomerTransactionId>Track By Number_v9</v9:CustomerTransactionId>
        <v9:Localization>
          <v9:LanguageCode>EN</v9:LanguageCode>
          <v9:LocaleCode>US</v9:LocaleCode>
        </v9:Localization>
      </v9:TransactionDetail>
    </v9:TrackRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </v9:TransactionDetail>
    <v9:Version>
      <v9:ServiceId>trck</v9:ServiceId>
      <v9:Major>9</v9:Major>
      <v9:Intermediate>1</v9:Intermediate>
      <v9:Minor>0</v9:Minor>
    </v9:Version>
    <v9:SelectionDetails>
      <v9:CarrierCode>FDXE</v9:CarrierCode>
      <v9:PackageIdentifier>
        <v9:Type>TRACKING_NUMBER_OR_DOORTAG</v9:Type>
        <v9:Value>XXXX</v9:Value>
      </v9:PackageIdentifier>
      <v9:ShipmentAccountNumber/>
      <v9:SecureSpodAccount/>
      <v9:Destination>
        <v9:StreetLines>Address_Line</v9:StreetLines>
        <v9:City>City</v9:City>
        <v9:StateOrProvinceCode>XX</v9:StateOrProvinceCode>
        <v9:PostalCode>XXXXX</v9:PostalCode>
        <v9:CountryCode>XX</v9:CountryCode>
      </v9:Destination>
    </v9:SelectionDetails>
  </v9:TrackRequest>
</soapenv:Body>
</soapenv:Envelope>

```

1.3.4.2 Error Handling

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

```

<soapenv:Fault xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <faultcode>soapenv:Server</faultcode>
  <faultstring>5: Schema validation failed for request.</faultstring>
  <detail>
    <con:fault xmlns:con="http://www.bea.com/wli/sb/context">
      <con:errorCode>5</con:errorCode>
      <con:reason>Schema validation failed for request.</con:reason>
      <con:details>
        <con1:ValidationFailureDetail
          xmlns:con1="http://www.bea.com/wli/sb/stages/transform/config">
          <con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v8' instead of
            'AccountNumberx@http://fedex.com/ws/ship/v8' here in element

```

```

ClientDetail@http://fedex.com/ws/ship/v8</con1:message>
<con1:xmlLocation>
<ship:AccountNumberx
xmlns:ship="http://fedex.com/ws/ship/v8">000000000</ship:AccountNumberx>
</con1:xmlLocation>
<con1:message>Expected element 'AccountNumber@http://fedex.com/ws/ship/v1' before the
end of the content in element
ClientDetail@http://fedex.com/ws/ship/v8</con1:message>
<con1:xmlLocation>
<ship:ClientDetail xmlns:ship="http://fedex.com/ws/ship/8">
<ship:AccountNumberx>00000000000000000000</ship:AccountNumberx>
<ship:MeterNumber>0000000</ship:MeterNumber>
</ship:ClientDetail>
</con1:xmlLocation>
</con1:ValidationFailureDetail>
</con:details>
<con:location>
<con:node>Validate</con:node>
<con:pipeline>Validate_request</con:pipeline>
<con:stage>ValidateRequest</con:stage>
<con:path>request-pipeline</con:path>
</con:location>
</con:fault>
</detail>
</soapenv:Fault>

```

Each reply should be checked for the Fault element to indicate failure in processing the message.

Note: Normal error processing still applies; this is an additional error check for incorrect syntax in XML documents.

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

1.3.4.3 Non-SOAP HTTP POST Example

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

```

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

```

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

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

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

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

1.3.5 Visual Basic Project Error

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

1.4 Implementing FedEx Web Services

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

- FedEx Web Services are designed for use by skilled developers who are familiar with the communication standards SOAP and Web Services Description Language (WSDL).
- Unlike traditional client/server models, such as a web server or web page system, web services do not provide the user with a graphical user interface (GUI). Instead, web services share business logic, data, and processes through a programmatic interface across a network.
- To perform a particular FedEx task such as tracking a package, you need to use a class, module, or function that creates your request, sends it to the FedEx platform, and handles the response.
- FedEx Web Services are designed to support any operating system and coding language. Downloadable sample code is available in Java, C#, VB, .Net and PHP languages from the FedEx Developer Resource Center Technical Resources.
- Transactions submitted to FedEx using FedEx Web Services are required to have a minimum of 128-bit encryption to complete the request.

1.5 Understanding the XML Schema

The XML schema defines the messages that you can use to access the FedEx services. You create a request that contains business data and other instructions and you send it to FedEx. FedEx replies with a response that contains the data resulting from the instructions you sent in.

Note: The schema diagrams are conveniently linked to help you find information and child values. The XML schema provides a means for defining the structure, content, and semantics of XML documents.

An XML schema defines:

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

Some important facts about the XML schema:

- Elements that contain sub-elements or carry attributes have complex types.
- Elements that contain numbers (and strings, and dates, etc.), but do not contain any 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.

1.5.1 Guide to the XML Schema

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

The top of each service schema includes:

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

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

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

1.6 Implementation Process

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

1.6.1 Testing

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

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.

1.6.1.1 Preproduction Assistance

Preproduction assistance is available via the FedEx Web Integrated Solutions Consultation (WISC) team. If you are in the preproduction stages of implementing a FedEx web integrated solution and would like to speak with a FedEx integration consultant who can assist you in understanding FedEx Web Services, contact your FedEx sales executive or technical support at 1.877.339.2774 Monday thru Friday, 7 a.m. to 9 p.m. and Saturday 9 a.m. to 3 p.m. (CST). Both your FedEx sales executive and technical support can request a WISC team member to contact you within 3 business days.

Corporate developers may find that solutions to their needs have already been implemented by a software vendor that is FedEx[®] Compatible. If improved time-to-market, cost containment, or specialized knowledge is needed, corporate development planners may want to review the available third-party solutions. To see a list of the solutions provided by the FedEx[®] Compatible providers, go to the Available FedEx[®] Compatible Solutions page at <http://www.fedex.com/us/compatible/>.

1.6.2 Certification

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

1.6.3 Go To Production

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

1.6.3.1 Requirements for Corporate and Non-Commercial Developers

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

1.6.3.2 Requirements and Resources for Corporate Developers

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

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

1.6.3.2.1 Requirements for Consultants

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

1.6.3.2.2 Requirements and Resources for Commercial Developers

Commercial developers create solutions with the intent of distributing and/or reselling them to their customers. Because they are deployed in a variety of situations, commercial integrations generally require a higher order of “fit and finish.” Commercial developers are responsible for supporting their products for their customers. FedEx has a dedicated team of professionals to help developers commercialize their products and to coordinate the three-way interplay between the developer, the end customer, and FedEx.

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

1.6.3.3 URL Errors

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

- Make sure permissions are already activated in the production environment.
- Copy the WSDL files to a different folder.
- Follow the directions on changing the new WSDL files to point to production, as described in the 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 Locations Service

The Locations Service WSDL searches for, and returns, the addresses of the nearest FedEx package drop-off locations, including FedEx Office® Print and Ship Center locations.

2.1 Locations Service

Use the Locations Service WSDL to request FedEx locations available for FedEx Express® and FedEx Ground® package drop-off. This transaction searches for and returns the addresses of the nearest FedEx location. You can also use the Locations service to find FedEx locations that provide Hold at FedEx Location service.

2.1.1 Locations Service Details

The Locations Service lets you search for FedEx drop-off locations by address, geographic coordinates or phone number.

You can also narrow your search by type of location. One, multiple, or all types of the FedEx locations listed may be specified in the search request:

- FedEx Authorized ShipCenter® locations: Access the FedEx transportation network at over 5,800 independently owned and operated pack and ship locations across the U.S. Stores participating in the FedEx Authorized ShipCenter program also provide other business services. FedEx Authorized ShipCenter locations may apply additional charges to the FedEx published rates.
- Express Station
- Freight Service Center
- Ground Terminal
- Home Delivery Station
- Office Location
- Self Service Location: Drop off FedEx Express packages (up to 20" x 12" x 6") at a FedEx Express® Drop Box. Drop boxes cannot be used for FedEx Ground packages or dangerous goods shipments.
- FedEx SmartPost Hub
- The following Hold-At-Location location types are supported:
 - Drop Box – For FedEx Express packages
 - Ship and Get Lockers – FedEx Ground and Express packages
 - Office – FedEx Express and Ground packages

- Express Stations – Only Express packages

Additionally, the search request supports an attribute to specify that the locations support FedEx Express or FedEx Ground Redirect to Hold capability and attributes to specify specific capabilities at the location such as Accepts Cash, Dangerous Goods Service, Ground Dropoff Service, Home Delivery Dropoff Service, Open 24 Hours, Returns Services, Same Day City Dropoffs, and so on.

The search request will also allow a customer to request a map URL for the locations returned. In addition to the locations address, the search reply will also return normal hours of operation, exception hours of operation, accepted currency and location holidays for the locations that met the criteria specified in the request.

You may also narrow your search by the following:

- Saturday Service available
- Packing Service available (most FedEx Office locations): FedEx will pack your shipment for you (at an extra charge).
- Packing Supplies available (anywhere FedEx Express packing materials are supplied; does not include FedEx Ground materials).
- Latest Express drop-off locations: Returns locations with the latest drop-off time near you.
- Express drop-off after: Drop a package off after a specific time, such as 5 p.m. Use this element to search for drop-off locations open after 5 p.m.

Note: The Locations Service WSDL returns up to 25 locations within a 50-mile radius of your address.

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

2.1.2 Locations Request Coding Details

In addition to the basic request elements required for all transactions as described in the Introduction, the following elements are available when coding a FedExSearchLocationsRequest:

Table 1: SearchLocationsRequest Coding Elements

Element	Required	Description
EffectiveDate	No	The date.
LocationsSearchCriterion	Yes	Specifies the criterion that may be used to search for FedEx locations. Valid values are: <ul style="list-style-type: none">• ADDRESS• GEOGRAPHIC_COORDINATES• PHONE_NUMBER
Address	Yes	Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the U.S.).

Element	Required	Description
Address/StreetLines	No	Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included.
Address/City	No	Name of city, town, etc.
Address/StateOrProvinceCode	No	Identifying abbreviations for U.S. state, Canada province, etc. Format and presence of this field will vary, depending on country.
Address/PostalCode	No	Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country.
Address/UrbanizationCode	No	Relevant only to addresses in Puerto Rico.
Address/ CountryCode	Yes	The two-letter code used to identify a country. Required when searching by any of the LocationsSearchCriterion, even PhoneNumber and GeographicCoordinates.
Address/ CountryName	No	the fully spelled out name of a country.
Address/Residential	No	Indicates whether this address is residential (as opposed to commercial).
PhoneNumber	No	Identifies the phone number associated with this contact if the search criterion is PHONE_NUMBER. Numeric value only, for example 9015551234. Mobile numbers will not return results.
GeographicCoordinates	No	Geographic coordinates if the search criterion is GEOGRAPHIC_COORDINATES. ISO 6709 format, for example +40.75-074.00/
MultipleMatchesAction	No	Specifies the criterion to be used to return location results when there are multiple matches. Valid values are: <ul style="list-style-type: none"> RETURN_ALL RETURN_ERROR RETURN_FIRST
SortDetail	No	Specifies the details on how the location search results will be sorted in the reply.
SortDetail/Criterion	No	Specifies the criterion to be used to sort the location details. Valid values are: <ul style="list-style-type: none"> DISTANCE LATEST_EXPRESS_DROPOFF_TIME LATEST_GROUND_DROPOFF_TIME

Element	Required	Description
		<ul style="list-style-type: none"> LOCATION_TYPE
SortDetail/Order	No	<p>Specifies the sort order of the location details. Valid values are:</p> <ul style="list-style-type: none"> HIGHEST_TO_LOWEST LOWEST_TO_HIGHEST
RequestedReservationDetail		<p>The user can check for Ship and Get locker availability for redirect to Hold of the tracking number identified in the reservation detail.</p>
RequestedReservationDetail/UniqueTrackingNumber/TrackingNumber		<p>Search for RTH to a Ship and Get Locker can be requested by populating this element.</p> <p><i>Note: You should populate this element in ReservationDetail in order to correctly identify the shipment.</i></p>
Constraints	No	<p>Constraints to be applied to location attributes.</p>
Constraints/RadiusDistance	No	<p>Specifies the value and units of the radius around the address to search for FedEx locations.</p>
Constraints/RadiusDistance/Value	No	<p>Identifies the maximum distance to return locations for.</p>
Constraints/RadiusDistance/Units	No	<p>Identifies the unit of measure for the distance value. Valid values are:</p> <ul style="list-style-type: none"> KM MI
Constraints/ExpressDropOffTimeNeeded	No	<p>The latest time at which the customer can drop off a package for being shipped using an Express service.</p>
Constraints/ResultsFilters	No	<p>Specifies the criteria used to filter the results of locations searched. The only valid value is EXCLUDE_LOCATIONS_OUTSIDE_STATE_OR_PROVINCE</p>
Constraints/SupportedRedirectToHoldServices	No	<p>Specifies the types of services supported by a FedEx location for redirect to hold. Valid values are:</p> <ul style="list-style-type: none"> FEDEX_EXPRESS FEDEX_GROUND FEDEX_GROUND_HOME_DELIVERY <p><i>Note: Ship and Get locations can support any of these 3 redirect-to-hold services (as defined in the FedEx enterprise).</i></p>
Constraints/RequiredLocationAttributes	No	<p>The location attributes Locations Service uses to filter by. If more than one value is specified, only those locations that have</p>

Element	Required	Description
		<p>all the specified attributes will be returned. The attributes are:</p> <ul style="list-style-type: none"> • ACCEPTS_CASH • ALREADY_OPEN • COPY_AND_PRINT_SERVICES • DANGEROUS_GOODS_SERVICES • DIRECT_MAIL_SERVICES • EXPRESS_FREIGHT_DROPOFFS • EXPRESS_PARCEL_DROPOFFS • FEDEX_FREIGHT_DROPOFFS • GROUND_DROPOFFS • GROUND_HOME_DELIVERY_DROPOFFS • LOCATION_IS_IN_AIRPORT • NOTARY_SERVICES • OBSERVES_DAY_LIGHT_SAVING_TIMES • OPEN_TWENTY_FOUR_HOURS • PACKAGING_SUPPLIES • PACK_AND_SHIP • PASSPORT_PHOTO_SERVICES • RETURNS_SERVICES • SATURDAY_DROPOFFS • SATURDAY_EXPRESS_HOLD_AT_LOCATION • SIGNS_AND_BANNERS_SERVICE • SONY_PICTURE_STATION • VIDEO_CONFERENCING • WEEKDAY_EXPRESS_HOLD_AT_LOCATION • WEEKDAY_GROUND_HOLD_AT_LOCATION • SAME_DAY_DROPOFFS • SAME_DAY_CITY_DROPOFFS • DROP_BOX • SHIP_AND_GET • CLEARANCE_SERVICES
Constraints/ResultsToSkip	No	A positive number indicating the number of results to skip.
Constraints/ResultsRequested	No	A positive number indicating the number of results requested.
Constraints/LocationContentOptions	No	<p>The options provided for the location. Valid values are:</p> <ul style="list-style-type: none"> • HOLIDAYS • LOCATION_DROPOFF_TIMES • MAP_URL

Element	Required	Description
Constraints/LocationTypesToInclude	No	Identifies a kind of FedEx facility. Valid values are: <ul style="list-style-type: none"> FEDEX_AUTHORIZED_SHIP_CENTER FEDEX_EXPRESS_STATION FEDEX_FREIGHT_SERVICE_CENTER FEDEX_GROUND_TERMINAL FEDEX_HOME_DELIVERY_STATION FEDEX_OFFICE FEDEX_SELF_SERVICE_LOCATION FEDEX_SMART_POST_HUB

Successful reply data (based on your search criteria) are returned in a SearchLocationsReply:

Table 2: SearchLocationsReply Elements

Element	Description
TotalResultsAvailable	Specifies total number of location results that are available.
ResultsReturned	Specifies the number of location results returned in this reply.
FormattedAddress	Specifies the address formatted to have correct postal code per USPS standards.
AddressToLocationRelationship	The details about the relationship between the address requested and the locations returned.
AddressToLocationRelationship/MatchedAddress	Address as provided in the request.
AddressToLocationRelationship/MatchedAddressGeographicCoordinates	Specifies the geographic coordinates for the matched address.
AddressToLocationRelationship/DistanceAndLocationDetails	Specifies the distance between the matched address and the addresses of matched FedEx locations. Also specifies the details of the FedEx locations.
AddressToLocationRelationship/DistanceAndLocationDetails/LocationDetail/ClearanceLocationDetail	Provides Details about the clearance location. Valid values are: <ul style="list-style-type: none"> servicesSupported consolidationType clearanceLocationType specialServicesSupported clearanceCountries clearanceRoutingCode

Element	Description
AddressToLocationRelationship/DistanceAndLocationDetails/LocationDetail/ClearanceLocationDetail/DistributionClearanceType	Specifies the point of clearance details: DESTINATION_COUNTRY_CLEARANCE - Specifies that the point of clearance is only for the destination country. SINGLE_POINT_OF_CLEARANCE - Specifies that there is single point of clearance.
AddressToLocationRelationship/DistanceAndLocationDetails/LocationDetail/ClearanceCountryDetail	Specifies the special services supported at the clearance location for an individual destination country. Valid values are: <ul style="list-style-type: none"> clearanceCountry specialServicesSupported
AddressToLocationRelationship/DistanceAndLocationDetails/LocationDetail/ClearanceCountryDetail/PackageSpecialServiceType	Package Special Service types. Valid values are: <ul style="list-style-type: none"> ALCOHOL APPOINTMENT_DELIVERY COD DANGEROUS_GOODS DRY_ICE NON_STANDARD_CONTAINER PIECE_COUNT_VERIFICATION PRIORITY_ALERT SIGNATURE_OPTION
AddressToLocationRelationships/DistanceAndLocationDetails/LocationDetail/Attributes	The location attributes Locations Service uses to filter by. If more than one value is specified, only those locations that have all the specified attributes will be returned. The attributes are: <ul style="list-style-type: none"> ACCEPTS_CASH ALREADY_OPEN CLEARANCE_SERVICES COPY_AND_PRINT_SERVICES DANGEROUS_GOODS_SERVICES DIRECT_MAIL_SERVICES DROP_BOX EXPRESS_FREIGHT_DROPOFFS EXPRESS_PARCEL_DROPOFFS FEDEX_FREIGHT_DROPOFFS GROUND_DROPOFFS GROUND_HOME_DELIVERY_DROPOFFS LOCATION_IS_IN_AIRPORT NOTARY_SERVICES OBSERVES_DAY_LIGHT_SAVING_TIMES OPEN_TWENTY_FOUR_HOURS PACKAGING_SUPPLIES

Element	Description
	<ul style="list-style-type: none"> • PACK_AND_SHIP • PASSPORT_PHOTO_SERVICES • RETURNS_SERVICES • SAME_DAY_CITY_DROPOFFS • SAME_DAY_DROPOFFS • SATURDAY_DROPOFFS • SATURDAY_EXPRESS_HOLD_AT_LOCATION • SHIP_AND_GET • SIGNS_AND_BANNERS_SERVICE • SONY_PICTURE_STATION • VIDEO_CONFERENCING • WEEKDAY_EXPRESS_HOLD_AT_LOCATION • WEEKDAY_GROUND_HOLD_AT_LOCATION
AddressToLocationRelationships/DistanceAndLocationDetails/LocationDetail/CarrierDetails	New ServiceType supports the following values: SAME_DAY and SAME_DAY
AddressToLocationRelationships/DistanceAndLocationDetails/LocationDetail/LocationContactAndAddress/AddressAncillaryDetail	Additional information about a physical location.

2.1.2.1 Example SearchLocationsRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:v1="http://fedex.com/ws/locs/v1">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:SearchLocationsRequest>
      <v1:UserCredential>
        <v1:Key>p7sPy4Sctm7XZ8gx</v1:Key>
        <v1:Password></v1:Password>
      </v1:UserCredential>
    </v1:WebAuthenticationDetail>
    <v1:ClientDetail>
      <v1:AccountNumber>XXXX</v1:AccountNumber>
      <v1:MeterNumber>XXX</v1:MeterNumber>
      <v1:Region>XX</v1:Region>
    </v1:ClientDetail>
    <v1:Version>
      <v1:ServiceId>locs</v1:ServiceId>
      <v1:Major>1</v1:Major>
      <v1:Intermediate>0</v1:Intermediate>
      <v1:Minor>0</v1:Minor>
    </v1:Version>
  </v1:SearchLocationsRequest>
</soapenv:Body>
</soapenv:Envelope>

```

```
<v1:EffectiveDate>YYYY-MM-DD</v1:EffectiveDate>
<v1:LocationsSearchCriterion>GEOGRAPHIC_COORDINATES</v1:LocationsSearchCriterion>
  <v1:Address>
    <v1:StreetLines/>
    <v1:City/>
    <v1:StateOrProvinceCode/>
    <v1:PostalCode>XXXX</v1:PostalCode>
    <v1:UrbanizationCode/>
    <v1:CountryCode>XX</v1:CountryCode>
    <v1:Residential>0</v1:Residential>
  </v1:Address>
  <v1:PhoneNumber/>
  <v1:GeographicCoordinates>XXXX</v1:GeographicCoordinates>
  <v1:MultipleMatchesAction>RETURN_ALL</v1:MultipleMatchesAction>
  <v1:SortDetail>
    <v1:Criterion>DISTANCE</v1:Criterion>
    <v1:Order>LOWEST_TO_HIGHEST</v1:Order>
  </v1:SortDetail>
  <v1:Constraints>
    <v1:RadiusDistance>
      <v1:Value>10.0</v1:Value>
      <v1:Units>KM</v1:Units>
    </v1:RadiusDistance>
  </v1:Constraints>
</v1:SearchLocationsRequest>
</soapenv:Body>
</soapenv:Envelope>
```

2.1.3 Error Messages

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

Schema LocationsService_v1.xsd

Elements

[SearchLocationsReply](#)
[y](#)
[SearchLocationsRequest](#)


Complex types

[Address](#)
[AddressAncillaryDetail](#)
[AddressToLocationRelationshipDetail](#)
[CarrierDetail](#)
[ClearanceCountryDetail](#)
[ClearanceLocationDetail](#)
[ClientDetail](#)
[Contact](#)
[Distance](#)
[DistanceAndLocationDetail](#)
[Holiday](#)
[LatestDropOffDetail](#)
[LatestDropoffOverlayDetail](#)
[Localization](#)
[LocationContactAndAddress](#)
[LocationDetail](#)
[LocationHours](#)
[LocationSortDetail](#)
[Notification](#)
[NotificationParameter](#)
[RequestedReservationDetail](#)
[ReservationAvailabilityDetail](#)
[SearchLocationConstraints](#)
[SearchLocationsReply](#)
[SearchLocationsRequest](#)
[ShippingHoliday](#)
[TimeRange](#)
[TransactionDetail](#)
[UniqueTrackingNumber](#)
[VersionId](#)
[WebAuthenticationCredential](#)
[WebAuthenticationDetail](#)


Simple types

[CarrierCodeType](#)
[ConsolidationType](#)
[DayOfWeekType](#)
[DistanceUnits](#)
[DistributionClearanceType](#)
[ExpressRegionCode](#)
[FedExLocationType](#)
[LatestDropOffOverlayType](#)
[LocationAccessibilityType](#)
[LocationAttributesType](#)
[LocationContentOptionType](#)
[LocationSearchFilterType](#)
[LocationSortCriteriaType](#)
[LocationSortOrderType](#)
[LocationsSearchCriteriaType](#)
[MultipleMatchesActionType](#)
[NotificationSeverityType](#)
[OperationalHoursType](#)
[PackageSpecialServiceType](#)
[ReservationAttributesType](#)
[ServiceCategoryType](#)
[ServiceType](#)
[ShippingActionType](#)
[SupportedRedirectToHoldServiceType](#)

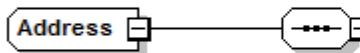
element **SearchLocationsReply**

diagram	
namespace	http://fedex.com/ws/locs/v1
type	ns:SearchLocationsReply
source	<code><xs:element name="SearchLocationsReply" type="ns:SearchLocationsReply"/></code>

element **SearchLocationsRequest**

diagram	
namespace	http://fedex.com/ws/locs/v1
type	ns:SearchLocationsRequest
source	<code><xs:element name="SearchLocationsRequest" type="ns:SearchLocationsRequest"/></code>

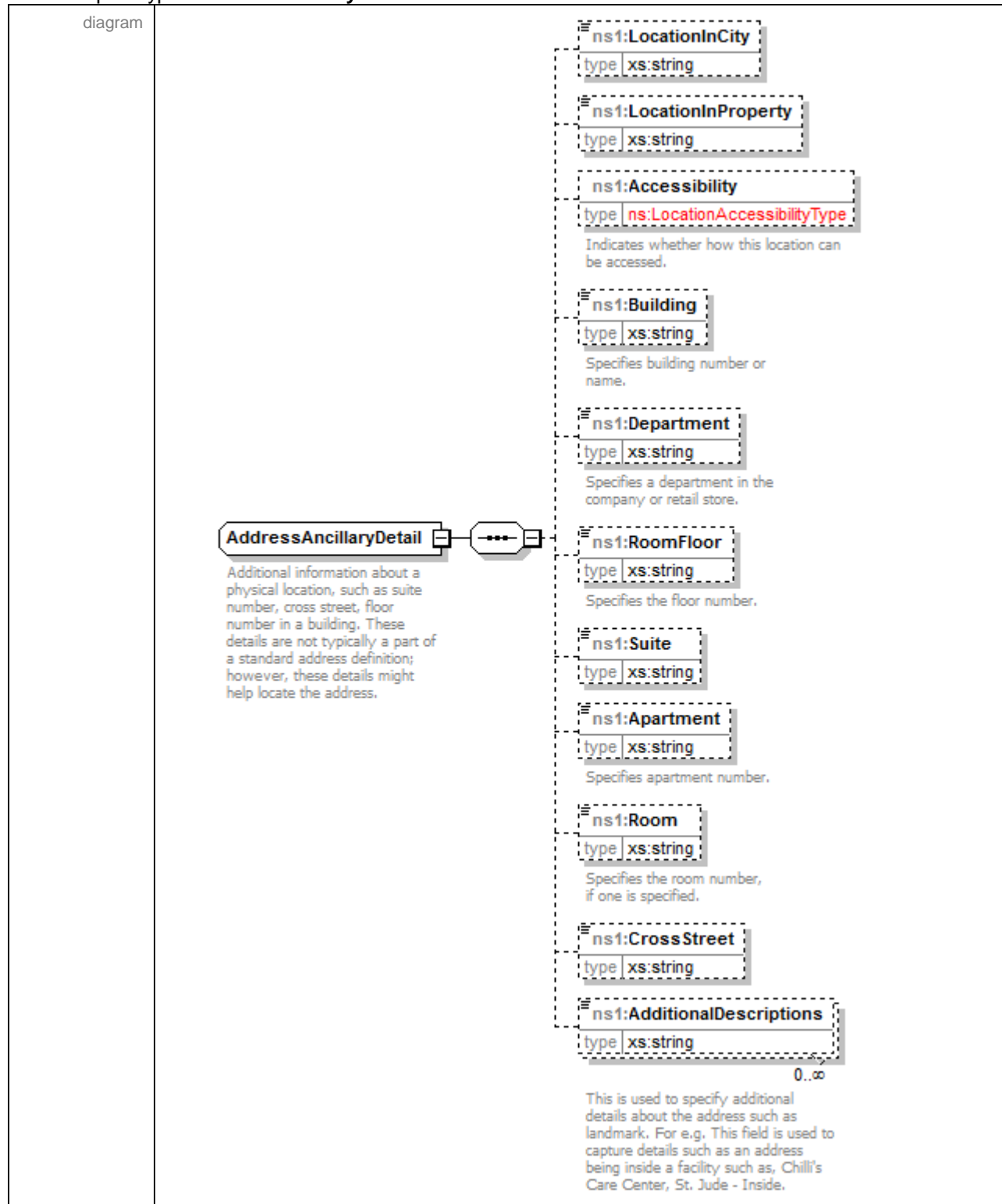
complexType Address

<p>diagram</p>  <p>Address</p> <p>Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).</p>	<p>ns1:StreetLines</p> <p>type xs:string</p> <p>0..∞</p> <p>Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included.</p> <p>ns1:City</p> <p>type xs:string</p> <p>Name of city, town, etc.</p> <p>ns1:StateOrProvinceCode</p> <p>type xs:string</p> <p>Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country.</p> <p>ns1:PostalCode</p> <p>type xs:string</p> <p>Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country.</p> <p>ns1:UrbanizationCode</p> <p>type xs:string</p> <p>Relevant only to addresses in Puerto Rico.</p> <p>ns1:CountryCode</p> <p>type xs:string</p> <p>The two-letter code used to identify a country.</p> <p>ns1:CountryName</p> <p>type xs:string</p> <p>The fully spelt out name of a country.</p> <p>ns1:Residential</p> <p>type xs:boolean</p> <p>Indicates whether this address residential (as opposed to commercial).</p>
namespace	http://fedex.com/ws/locs/v1
children	ns1:StreetLines ns1:City ns1:StateOrProvinceCode ns1:PostalCode ns1:UrbanizationCode

	ns1:CountryCode ns1:CountryName ns1:Residential
annotation	<p>documentation</p> <p>Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).</p>
source	<pre> <xs:complexType name="Address"> <xs:annotation> <xs:documentation>Descriptive data for a physical location. May be used as an actual physical address (place to which one could go), or as a container of "address parts" which should be handled as a unit (such as a city-state-ZIP combination within the US).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="StreetLines" type="xs:string" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Combination of number, street name, etc. At least one line is required for a valid physical address; empty lines should not be included.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="City" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Name of city, town, etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="StateOrProvinceCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifying abbreviation for US state, Canada province, etc. Format and presence of this field will vary, depending on country.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PostalCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of a region (usually small) for mail/package delivery. Format and presence of this field will vary, depending on country.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="UrbanizationCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Relevant only to addresses in Puerto Rico.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CountryCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The two-letter code used to identify a country.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> <xs:element name="CountryName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The fully spelt out name of a country.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Residential" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates whether this address residential (as opposed to commercial).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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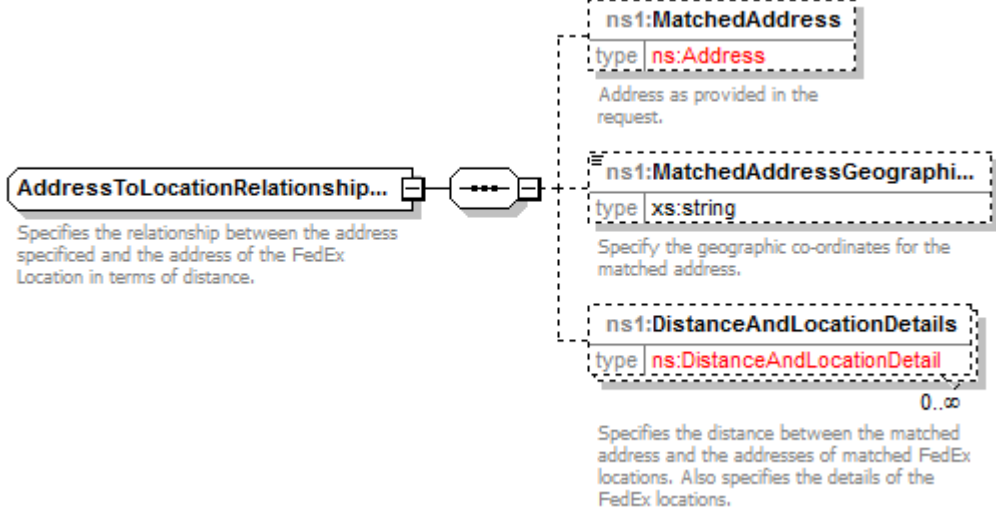
complexType AddressAncillaryDetail



namespace	http://fedex.com/ws/locs/v1
children	ns1:LocationInCity ns1:LocationInProperty ns1:Accessibility ns1:Building ns1:Department ns1:RoomFloor ns1:Suite ns1:Apartment ns1:Room ns1:CrossStreet ns1:AdditionalDescriptions
annotation	documentation Additional information about a physical location, such as suite number, cross street, floor number in a building. These details are not typically a part of a standard address definition; however, these details might help locate the address.
source	<pre> <xs:complexType name="AddressAncillaryDetail"> <xs:annotation> <xs:documentation>Additional information about a physical location, such as suite number, cross street, floor number in a building. These details are not typically a part of a standard address definition; however, these details might help locate the address.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LocationInCity" type="xs:string" minOccurs="0"/> <xs:element name="LocationInProperty" type="xs:string" minOccurs="0"/> <xs:element name="Accessibility" type="ns:LocationAccessibilityType" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates whether how this location can be accessed.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Building" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies building number or name.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Department" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies a department in the company or retail store.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RoomFloor" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the floor number.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Suite" type="xs:string" minOccurs="0"/> <xs:element name="Apartment" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies apartment number.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Room" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the room number, if one is specified.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <xs:element name="CrossStreet" type="xs:string" minOccurs="0"/> <xs:element name="AdditionalDescriptions" type="xs:string" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>This is used to specify additional details about the address such as landmark. For e.g. This field is used to capture details such as an address being inside a facility such as, Chilli's Care Center, St. Jude - Inside.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType AddressToLocationRelationshipDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:MatchedAddress ns1:MatchedAddressGeographicCoordinates ns1:DistanceAndLocationDetails
annotation	documentation Specifies the relationship between the address specified and the address of the FedEx Location in terms of distance.
source	<pre> <xs:complexType name="AddressToLocationRelationshipDetail"> <xs:annotation> <xs:documentation>Specifies the relationship between the address specified and the address of the FedEx Location in terms of distance.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="MatchedAddress" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>Address as provided in the request.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <xs:element name="MatchedAddressGeographicCoordinates" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Specify the geographic co-ordinates for the matched address.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DistanceAndLocationDetails" type="ns:DistanceAndLocationDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the distance between the matched address and the addresses of matched FedEx locations. Also specifies the details of the FedEx locations.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType CarrierDetail

<p>diagram</p>	<div> <div> ns1:Carrier type ns:CarrierCodeType </div> <div> ns1:ServiceCategory type ns:ServiceCategoryType </div> <div> ns1:ServiceType type ns:ServiceType </div> <div> ns1:NormalLatestDropOffDetails type ns:LatestDropOffDetail 0..∞ Specifies the details about the latest times a drop off can be made at a location most days. These are the normal drop off times. </div> <div> ns1:ExceptionalLatestDropOffDe... type ns:LatestDropOffDetail 0..∞ Specifies the details about the exceptional latest times a drop off can be made at a location. These are drop off times that are a variation from the normal drop off times. </div> <div> ns1:EffectiveLatestDropOffDetails type ns:LatestDropOffDetail Specifies the details about the effective latest times drop off can be made at a location on the date requested. These are drop off times that are derived from the normal and exceptional drop off times, depending upon the date requested. </div> <div> ns1:ShippingHolidays type ns:ShippingHoliday 0..∞ </div> </div>
<p>namespace</p>	http://fedex.com/ws/locs/v1
<p>children</p>	ns1:Carrier ns1:ServiceCategory ns1:ServiceType ns1:NormalLatestDropOffDetails ns1:ExceptionalLatestDropOffDetails ns1:EffectiveLatestDropOffDetails ns1:ShippingHolidays
<p>source</p>	<pre> <xs:complexType name="CarrierDetail"> <xs:sequence> <xs:element name="Carrier" type="ns:CarrierCodeType" minOccurs="0"/> <xs:element name="ServiceCategory" type="ns:ServiceCategoryType" minOccurs="0"/> <xs:element name="ServiceType" type="ns:ServiceType" minOccurs="0"/> <xs:element name="NormalLatestDropOffDetails" type="ns:LatestDropOffDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the details about the latest times a drop off can be made at a location most days. These are the normal drop off </pre>

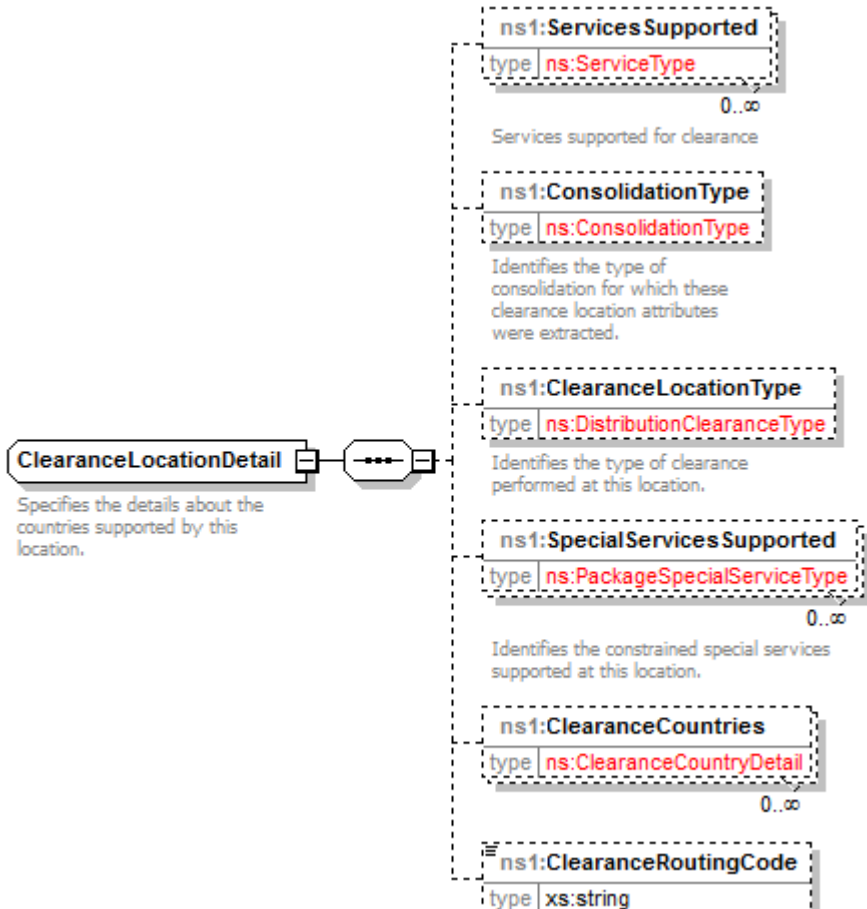
	<pre> times.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExceptionalLatestDropOffDetails" type="ns:LatestDropOffDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the details about the exceptional latest times a drop off can be made at a location. These are drop off times that are a variation from the normal drop off times.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EffectiveLatestDropOffDetails" type="ns:LatestDropOffDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the details about the effective latest times drop off can be made at a location on the date requested. These are drop off times that are derived from the normal and exceptional drop off times, depending upon the date requested.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShippingHolidays" type="ns:ShippingHoliday" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **ClearanceCountryDetail**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:ClearanceCountry ns1:SpecialServicesSupported
annotation	documentation Specifies the special services supported at the clearance location for an individual destination country.
source	<pre> <xs:complexType name="ClearanceCountryDetail"> <xs:annotation> <xs:documentation>Specifies the special services supported at the clearance location for an individual destination country.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ClearanceCountry" type="xs:string" minOccurs="0"> </pre>

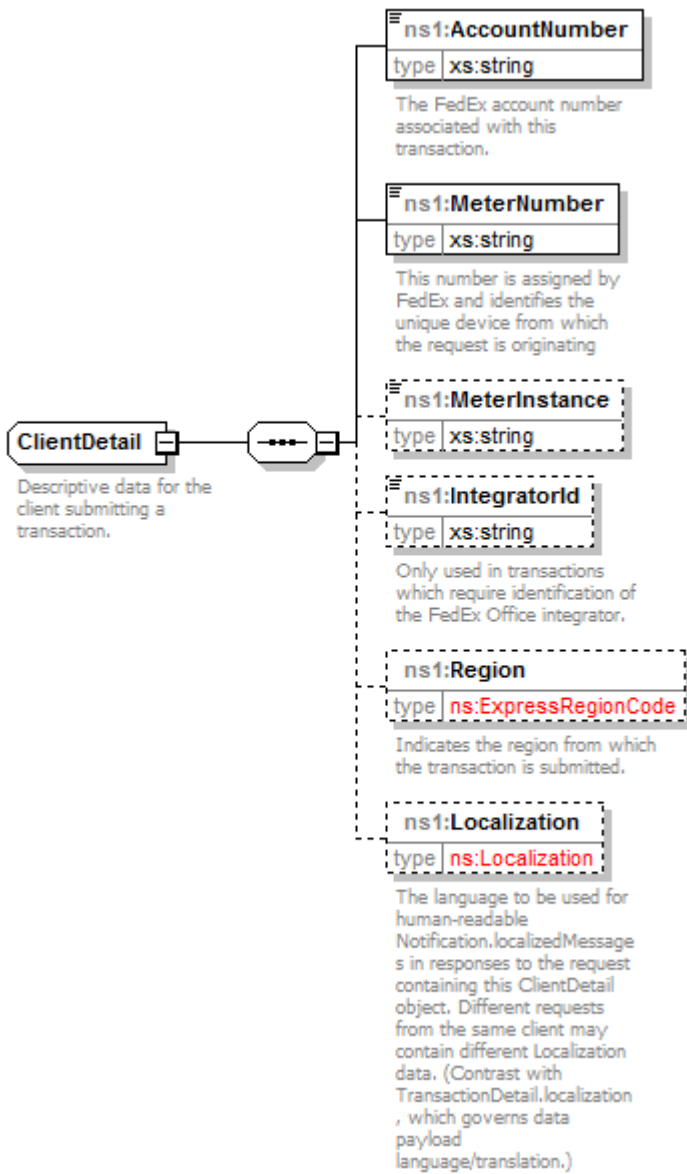
	<pre> <xs:annotation> <xs:documentation>Identifies the country whose special services are specified below.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialServicesSupported" type="ns:PackageSpecialServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Identifies the constrained special services supported for the country above.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType ClearanceLocationDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:ServicesSupported ns1:ConsolidationType ns1:ClearanceLocationType

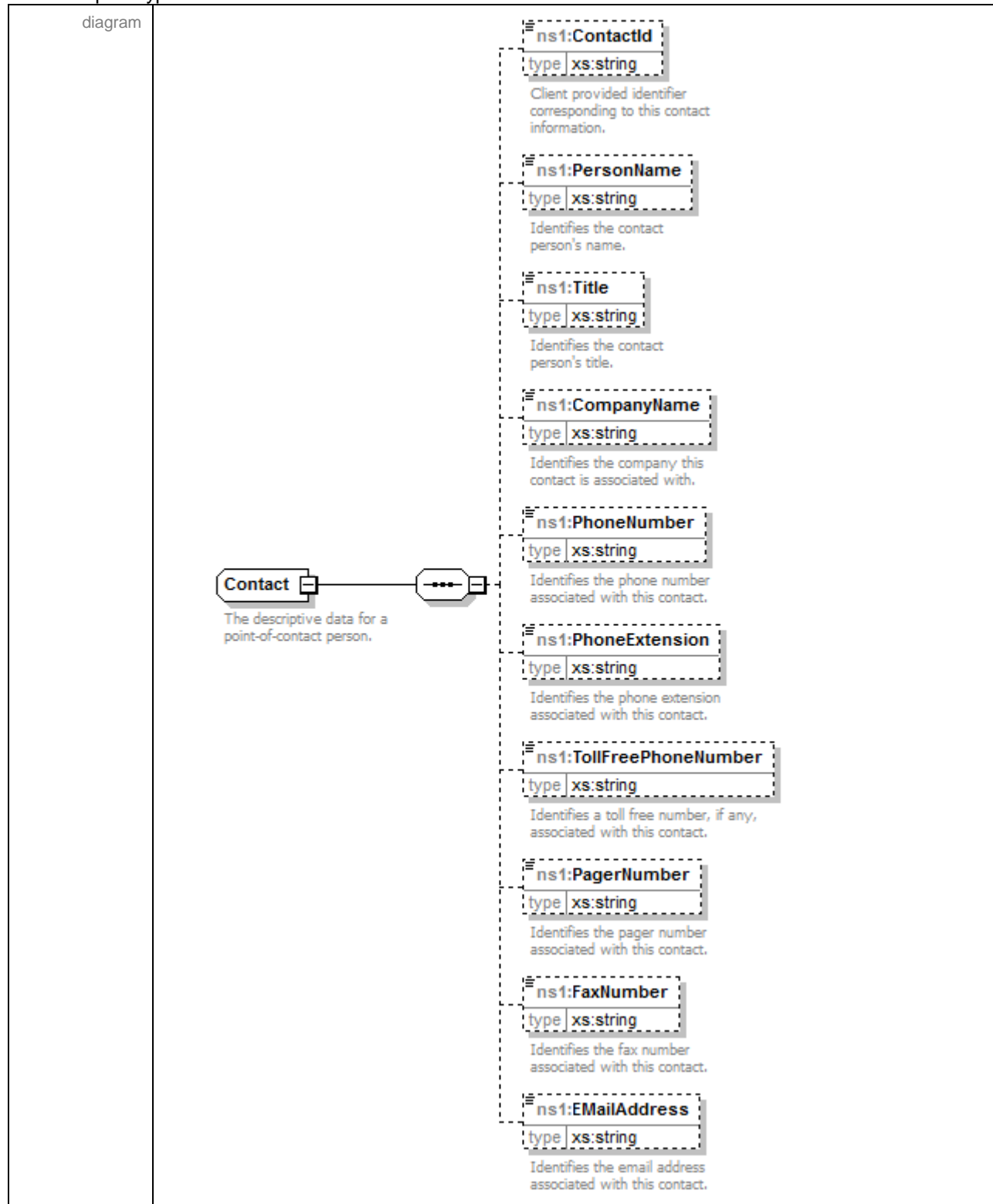
	ns1:SpecialServicesSupported ns1:ClearanceCountries ns1:ClearanceRoutingCode
annotation	documentation Specifies the details about the countries supported by this location.
source	<pre> <xs:complexType name="ClearanceLocationDetail"> <xs:annotation> <xs:documentation>Specifies the details about the countries supported by this location.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ServicesSupported" type="ns:ServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Services supported for clearance</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ConsolidationType" type="ns:ConsolidationType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of consolidation for which these clearance location attributes were extracted.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ClearanceLocationType" type="ns:DistributionClearanceType" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of clearance performed at this location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialServicesSupported" type="ns:PackageSpecialServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Identifies the constrained special services supported at this location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ClearanceCountries" type="ns:ClearanceCountryDetail" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="ClearanceRoutingCode" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType ClientDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:AccountNumber ns1:MeterNumber ns1:MeterInstance ns1:IntegratorId ns1:Region ns1:Localization
annotation	documentation Descriptive data for the client submitting a transaction.
source	<pre> <xs:complexType name="ClientDetail"> <xs:annotation> <xs:documentation>Descriptive data for the client submitting a transaction.</xs:documentation> </xs:annotation> <xs:sequence> </pre>

	<pre> <xs:element name="AccountNumber" type="xs:string" minOccurs="1"> <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" minOccurs="1"> <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="MeterInstance" type="xs:string" minOccurs="0"/> <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="Region" type="ns:ExpressRegionCode" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the region from which the transaction is submitted.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Localization" type="ns:Localization" minOccurs="0"> <xs:annotation> <xs:documentation>The language to be used for human-readable Notification.localizedMessages in responses to the request containing this ClientDetail object. Different requests from the same client may contain different Localization data. (Contrast with TransactionDetail.localization, which governs data payload language/translation.)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType Contact



namespace	http://fedex.com/ws/locs/v1
children	ns1:ContactId ns1:PersonName ns1:Title ns1:CompanyName ns1:PhoneNumber ns1:PhoneExtension ns1:TollFreePhoneNumber ns1:PagerNumber ns1:FaxNumber ns1:EmailAddress
annotation	documentation The descriptive data for a point-of-contact person.
source	<pre> <xs:complexType name="Contact"> <xs:annotation> <xs:documentation>The descriptive data for a point-of-contact person.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ContactId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Client provided identifier corresponding to this contact information.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PersonName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the contact person's name.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Title" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the contact person's title.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompanyName" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the company this contact is associated with.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PhoneNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the phone number associated with this contact.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PhoneExtension" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the phone extension associated with this contact.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="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> </pre>

	<pre> <xs:element name="PagerNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the pager number associated with this contact.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FaxNumber" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the fax number associated with this contact.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="EmailAddress" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the email address associated with this contact.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **Distance**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Value ns1:Units
annotation	documentation Driving or other transportation distances, distinct from dimension measurements.
source	<pre> <xs:complexType name="Distance"> <xs:annotation> <xs:documentation>Driving or other transportation distances, distinct from dimension measurements.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Value" type="xs:decimal" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the distance quantity.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Units" type="ns:DistanceUnits" minOccurs="0"> </pre>

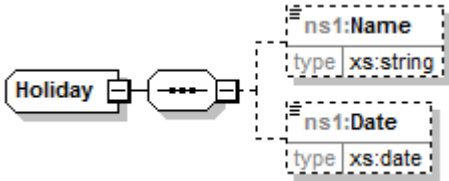
	<pre> <xs:annotation> <xs:documentation>Identifies the unit of measure for the distance value.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType **DistanceAndLocationDetail**

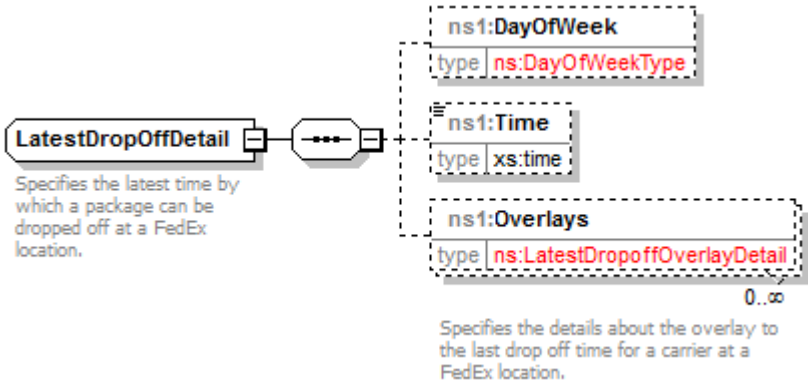
diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Distance ns1:ReservationAvailabilityDetail ns1:LocationDetail
annotation	documentation Specifies the location details and other information relevant to the location that is derived from the inputs provided in the request.
source	<pre> <xs:complexType name="DistanceAndLocationDetail"> <xs:annotation> <xs:documentation>Specifies the location details and other information relevant to the location that is derived from the inputs provided in the request.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Distance" type="ns:Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Distance between an address of a geographic location and an address of a FedEx location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReservationAvailabilityDetail" type="ns:ReservationAvailabilityDetail" minOccurs="0"/> <xs:element name="LocationDetail" type="ns:LocationDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Details about a FedEx location such as services offered, working hours and pick and drop off times.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType **Holiday**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Name ns1:Date
source	<pre> <xs:complexType name="Holiday"> <xs:sequence> <xs:element name="Name" type="xs:string" minOccurs="0"/> <xs:element name="Date" type="xs:date" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **LatestDropOffDetail**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:DayOfWeek ns1:Time ns1:Overlays
annotation	documentation Specifies the latest time by which a package can be dropped off at a FedEx location.
source	<pre> <xs:complexType name="LatestDropOffDetail"> <xs:annotation> <xs:documentation>Specifies the latest time by which a package can be dropped off at a FedEx location.</xs:documentation> </xs:annotation> <xs:sequence> </pre>

	<pre> <xs:element name="DayOfWeek" type="ns:DayOfWeekType" minOccurs="0"/> <xs:element name="Time" type="xs:time" minOccurs="0"/> <xs:element name="Overlays" type="ns:LatestDropoffOverlayDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the details about the overlay to the last drop off time for a carrier at a FedEx location.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType LatestDropoffOverlayDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Type ns1:Time
annotation	documentation Specifies the time and reason to overlay the last drop off time for a carrier at a FedEx location.
source	<pre> <xs:complexType name="LatestDropoffOverlayDetail"> <xs:annotation> <xs:documentation>Specifies the time and reason to overlay the last drop off time for a carrier at a FedEx location.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Type" type="ns:LatestDropOffOverlayType" minOccurs="0"/> <xs:element name="Time" type="xs:time" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType Localization

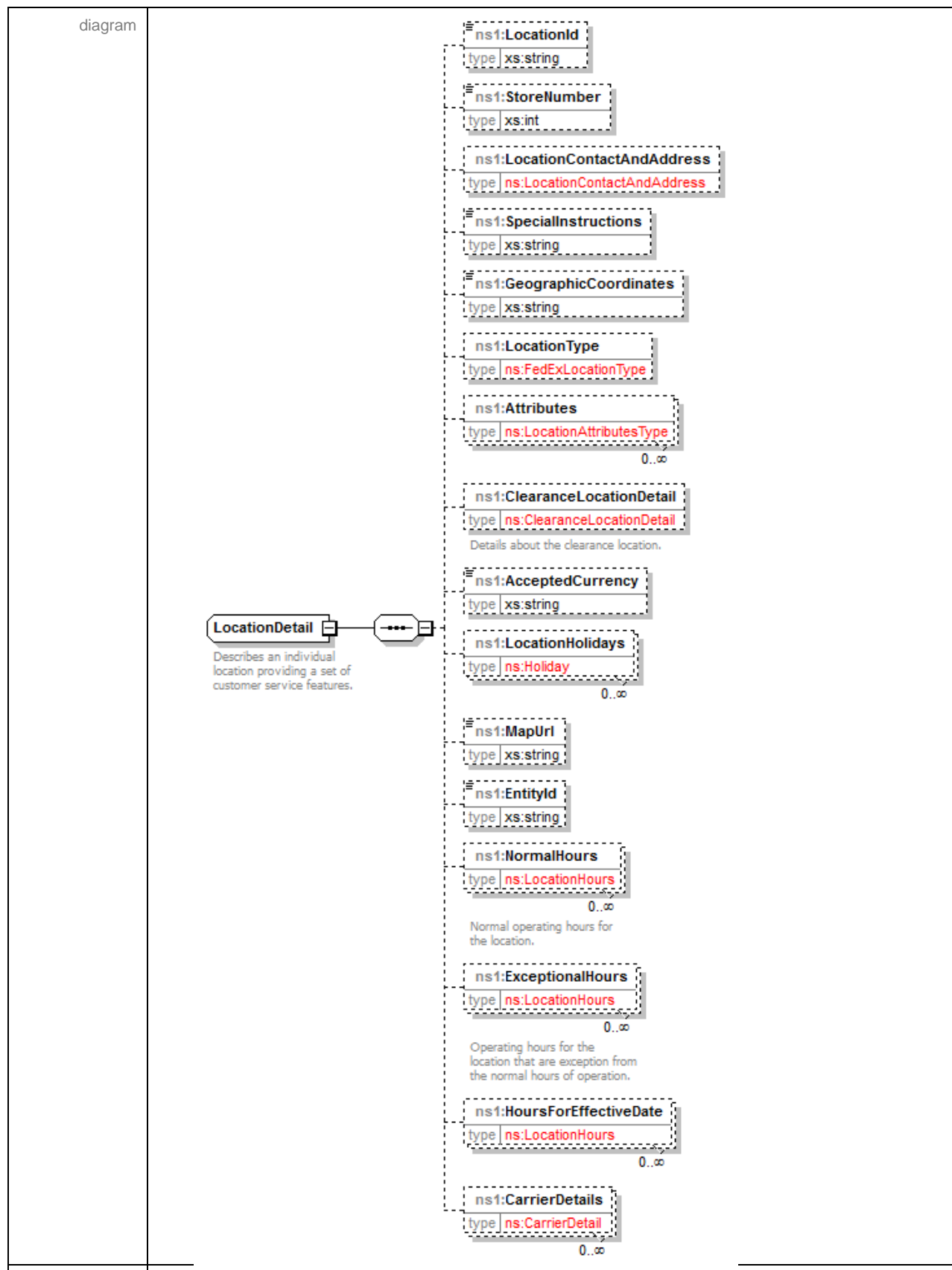
diagram	
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namespace	http://fedex.com/ws/locs/v1
children	ns1:LanguageCode ns1:LocaleCode
annotation	documentation Identifies the representation of human-readable text.
source	<pre> <xs:complexType name="Localization"> <xs:annotation> <xs:documentation>Identifies the representation of human-readable text.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LanguageCode" type="xs:string" minOccurs="1"> <xs:annotation> <xs:documentation>Two-letter code for language (e.g. EN, FR, etc.)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LocaleCode" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Two-letter code for the region (e.g. us, ca, etc.)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

complexType LocationContactAndAddress

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Contact ns1:Address ns1:AddressAncillaryDetail
source	<pre> <xs:complexType name="LocationContactAndAddress"> <xs:sequence> <xs:element name="Contact" type="ns:Contact" minOccurs="0"/> <xs:element name="Address" type="ns:Address" minOccurs="0"/> <xs:element name="AddressAncillaryDetail" type="ns:AddressAncillaryDetail" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **LocationDetail**



namespace	http://fedex.com/ws/locs/v1
children	ns1:LocationId ns1:StoreNumber ns1:LocationContactAndAddress ns1:SpecialInstructions ns1:GeographicCoordinates ns1:LocationType ns1:Attributes ns1:ClearanceLocationDetail ns1:AcceptedCurrency ns1:LocationHolidays ns1:MapUrl ns1:EntityId ns1:NormalHours ns1:ExceptionalHours ns1:HoursForEffectiveDate ns1:CarrierDetails
annotation	documentation Describes an individual location providing a set of customer service features.
source	<pre> <xs:complexType name="LocationDetail"> <xs:annotation> <xs:documentation>Describes an individual location providing a set of customer service features.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="LocationId" type="xs:string" minOccurs="0"/> <xs:element name="StoreNumber" type="xs:int" minOccurs="0"/> <xs:element name="LocationContactAndAddress" type="ns:LocationContactAndAddress" minOccurs="0"/> <xs:element name="SpecialInstructions" type="xs:string" minOccurs="0"/> <xs:element name="GeographicCoordinates" type="xs:string" minOccurs="0"/> <xs:element name="LocationType" type="ns:FedExLocationType" minOccurs="0"/> <xs:element name="Attributes" type="ns:LocationAttributesType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="ClearanceLocationDetail" type="ns:ClearanceLocationDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Details about the clearance location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptedCurrency" type="xs:string" minOccurs="0"/> <xs:element name="LocationHolidays" type="ns:Holiday" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="MapUrl" type="xs:string" minOccurs="0"/> <xs:element name="EntityId" type="xs:string" minOccurs="0"/> <xs:element name="NormalHours" type="ns:LocationHours" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Normal operating hours for the location.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExceptionalHours" type="ns:LocationHours" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Operating hours for the location that are exception from the normal hours of operation.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="HoursForEffectiveDate" type="ns:LocationHours" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CarrierDetails" type="ns:CarrierDetail" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

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

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complexType LocationHours

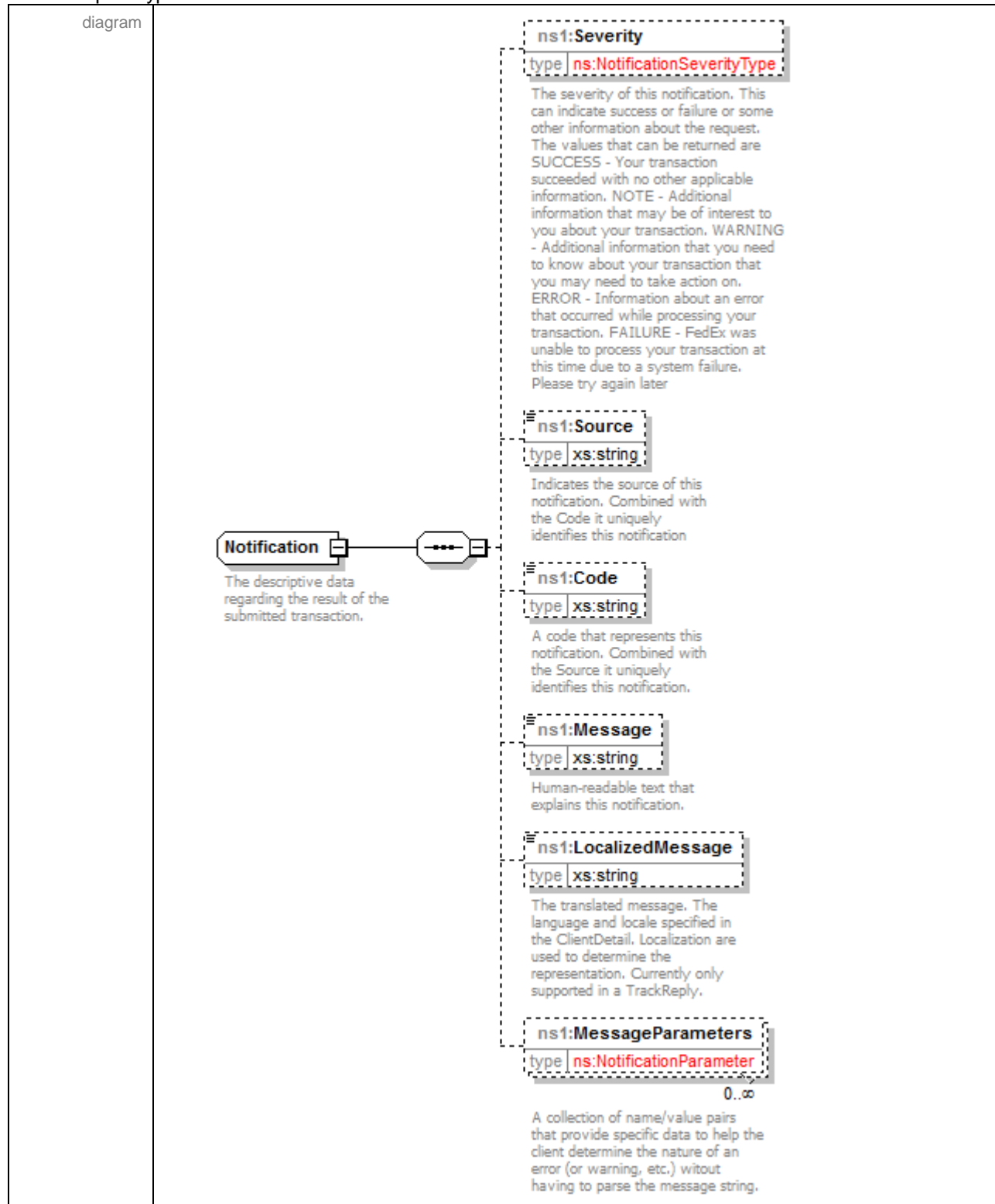
diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:DayofWeek ns1:OperationalHours ns1:Hours
annotation	documentation Specifies the location hours for a location.
source	<pre> <xs:complexType name="LocationHours"> <xs:annotation> <xs:documentation>Specifies the location hours for a location.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="DayofWeek" type="ns:DayOfWeekType" minOccurs="0"/> <xs:element name="OperationalHours" type="ns:OperationalHoursType" minOccurs="0"/> <xs:element name="Hours" type="ns:TimeRange" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

complexType LocationSortDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Criterion ns1:Order

annotation	documentation Specifies the criterion and order to be used to sort the location details.
source	<pre><xs:complexType name="LocationSortDetail"> <xs:annotation> <xs:documentation>Specifies the criterion and order to be used to sort the location details.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Criterion" type="ns:LocationSortCriteriaType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the criterion to be used to sort the location details.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Order" type="ns:LocationSortOrderType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies sort order of the location details.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>

complexType Notification



namespace	http://fedex.com/ws/locs/v1
children	ns1:Severity ns1:Source ns1:Code ns1:Message ns1:LocalizedMessage ns1:MessageParameters
annotation	documentation The descriptive data regarding the result of the submitted transaction.
source	<pre> <xs:complexType name="Notification"> <xs:annotation> <xs:documentation>The descriptive data regarding the result of the submitted transaction.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Severity" type="ns:NotificationSeverityType" minOccurs="0"> <xs:annotation> <xs:documentation>The severity of this notification. This can indicate success or failure or some other information about the request. The values that can be returned are SUCCESS - Your transaction succeeded with no other applicable information. NOTE - Additional information that may be of interest to you about your transaction. WARNING - Additional information that you need to know about your transaction that you may need to take action on. ERROR - Information about an error that occurred while processing your transaction. FAILURE - FedEx was unable to process your transaction at this time due to a system failure. Please try again later</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Source" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the source of this notification. Combined with the Code it uniquely identifies this notification</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Code" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>A code that represents this notification. Combined with the Source it uniquely identifies this notification.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Message" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Human-readable text that explains this notification.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LocalizedMessage" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>The translated message. The language and locale specified in the ClientDetail. Localization are used to determine the representation. Currently only supported in a TrackReply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageParameters" type="ns:NotificationParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> </pre>

	<pre> <xs:documentation>A collection of name/value pairs that provide specific data to help the client determine the nature of an error (or warning, etc.) without having to parse the message string.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType NotificationParameter

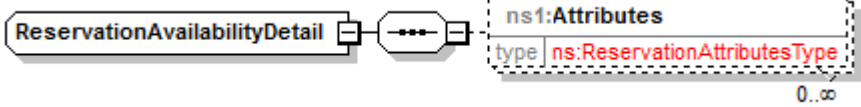
diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Id ns1:Value
source	<pre> <xs:complexType name="NotificationParameter"> <xs:sequence> <xs:element name="Id" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the type of data contained in Value (e.g. SERVICE_TYPE, 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> </pre>

complexType RequestedReservationDetail

diagram	
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namespace	http://fedex.com/ws/locs/v1
children	ns1:UniqueTrackingNumber
source	<pre> <xs:complexType name="RequestedReservationDetail"> <xs:sequence> <xs:element name="UniqueTrackingNumber" type="ns:UniqueTrackingNumber" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType ReservationAvailabilityDetail

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Attributes
source	<pre> <xs:complexType name="ReservationAvailabilityDetail"> <xs:sequence> <xs:element name="Attributes" type="ns:ReservationAttributesType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

complexType SearchLocationConstraints

<p>diagram</p>	<div> <div> ns1:RadiusDistance type ns:Distance Specifies value and units of the radius around the address to search for FedEx locations. </div> <div> ns1:ExpressDropOffTimeNeeded type xs:time The latest time at which the customer can drop off a package for being shipped using an express service. </div> <div> ns1:ResultsFilters type ns:LocationSearchFilterType 0..∞ Specifies the criteria used to filter the results of locations search. </div> <div> ns1:SupportedRedirectToHoldServices type ns:SupportedRedirectToHoldServices 0..∞ Specifies the types of services supported by a FedEx location for redirect to hold. </div> <div> ns1:RequiredLocationAttributes type ns:LocationAttributesType 0..∞ </div> <div> ns1:ResultsToSkip type xs:nonNegativeInteger </div> <div> ns1:ResultsRequested type xs:nonNegativeInteger </div> <div> ns1:LocationContentOptions type ns:LocationContentOptionType 0..∞ </div> <div> ns1:LocationTypesToInclude type ns:FedExLocationType 0..∞ </div> </div>
namespace	http://fedex.com/ws/locs/v1
children	ns1:RadiusDistance ns1:ExpressDropOffTimeNeeded ns1:ResultsFilters ns1:SupportedRedirectToHoldServices ns1:RequiredLocationAttributes ns1:ResultsToSkip ns1:ResultsRequested ns1:LocationContentOptions ns1:LocationTypesToInclude
annotation	documentation Specifies additional constraints on the attributes of the locations being searched.

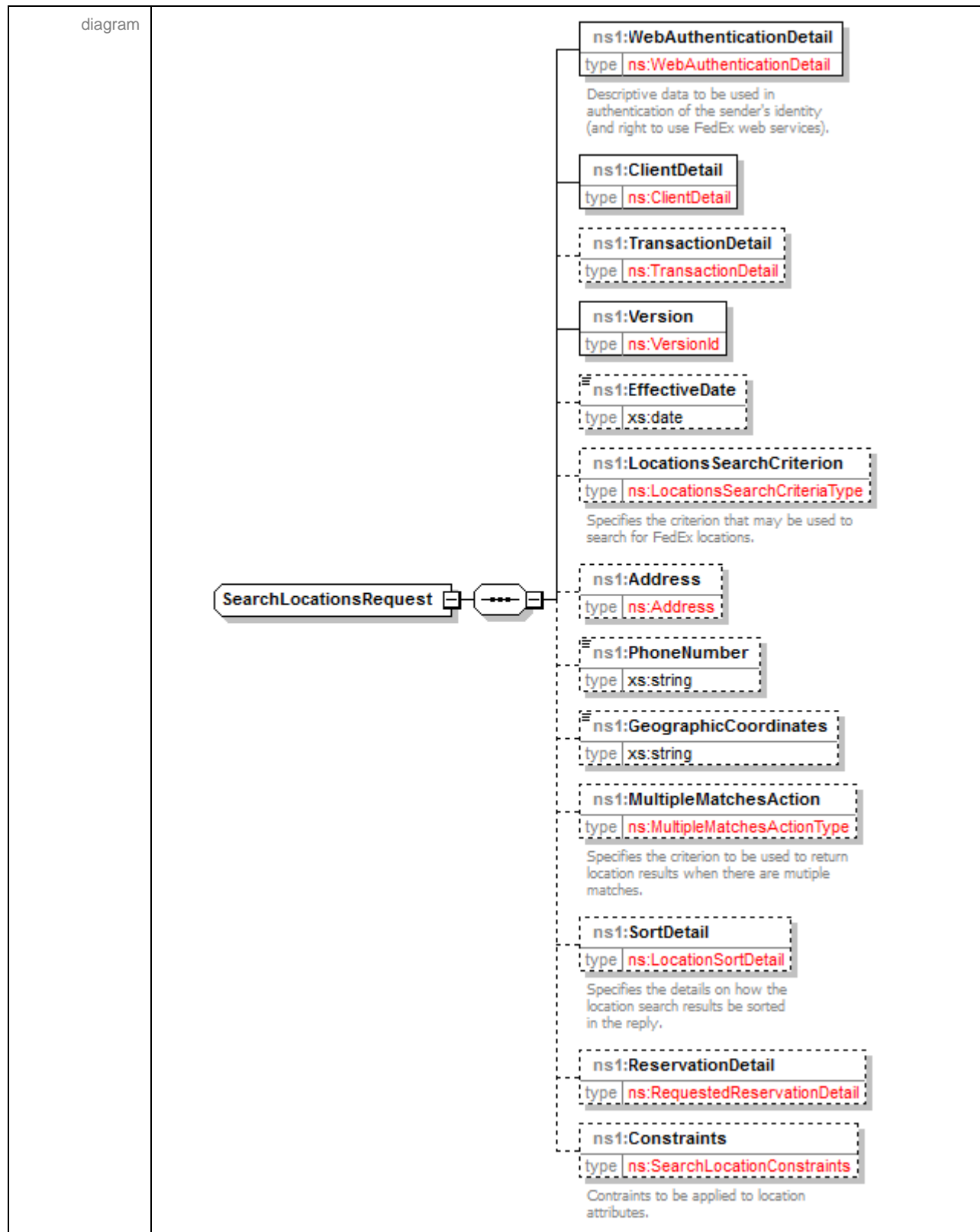
source	<pre> <xs:complexType name="SearchLocationConstraints"> <xs:annotation> <xs:documentation>Specifies additional constraints on the attributes of the locations being searched.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="RadiusDistance" type="ns:Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies value and units of the radius around the address to search for FedEx locations.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ExpressDropOffTimeNeeded" type="xs:time" minOccurs="0"> <xs:annotation> <xs:documentation>The latest time at which the customer can drop off a package for being shipped using an express service.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResultsFilters" type="ns:LocationSearchFilterType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the criteria used to filter the results of locations search.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SupportedRedirectToHoldServices" type="ns:SupportedRedirectToHoldServiceType" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specifies the types of services supported by a FedEx location for redirect to hold.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RequiredLocationAttributes" type="ns:LocationAttributesType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="ResultsToSkip" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="ResultsRequested" type="xs:nonNegativeInteger" minOccurs="0"/> <xs:element name="LocationContentOptions" type="ns:LocationContentOptionType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="LocationTypesToInclude" type="ns:FedExLocationType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>
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complexType SearchLocationsReply

<p>diagram</p>	
<p>namespace</p>	<p>http://fedex.com/ws/locs/v1</p>
<p>children</p>	<p>ns1:HighestSeverity ns1:Notifications ns1:TransactionDetail ns1:Version ns1:TotalResultsAvailable ns1:ResultsReturned ns1:FormattedAddress ns1:AddressToLocationRelationships</p>
<p>source</p>	<pre> <xs:complexType name="SearchLocationsReply"> <xs:sequence> <xs:element name="HighestSeverity" type="ns:NotificationSeverityType" minOccurs="1"/> <xs:element name="Notifications" type="ns:Notification" minOccurs="1" maxOccurs="unbounded"/> <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"/> <xs:element name="Version" type="ns:VersionId" minOccurs="1"/> <xs:element name="TotalResultsAvailable" type="xs:nonNegativeInteger" minOccurs="0"/> </pre>

	<pre> <xs:annotation> <xs:documentation>Specifies total number of location results that are available.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResultsReturned" type="xs:nonNegativeInteger" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the number of location results returned in this reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FormattedAddress" type="ns:Address" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the address formatted to have correct postal code per USPS standards.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AddressToLocationRelationships" type="ns:AddressToLocationRelationshipDetail" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>The details about the relationship between the address requested and the locations returned.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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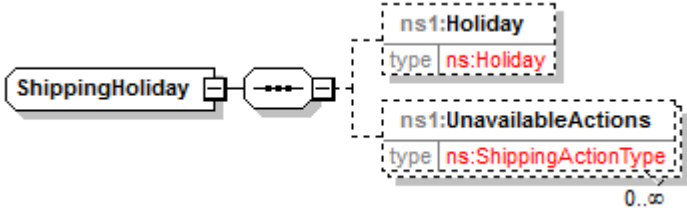
complexType **SearchLocationsRequest**



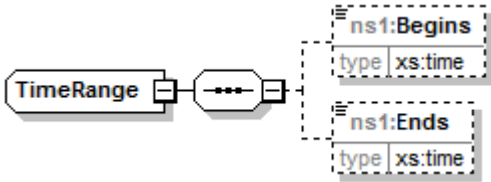
namespace	http://fedex.com/ws/locs/v1
children	ns1:WebAuthenticationDetail ns1:ClientDetail ns1:TransactionDetail ns1:Version ns1:EffectiveDate ns1:LocationsSearchCriterion ns1:Address ns1:PhoneNumber ns1:GeographicCoordinates ns1:MultipleMatchesAction ns1:SortDetail ns1:ReservationDetail ns1:Constraints
source	<pre> <xs:complexType name="SearchLocationsRequest"> <xs:sequence> <xs:element name="WebAuthenticationDetail" type="ns:WebAuthenticationDetail" minOccurs="1"> <xs:annotation> <xs:documentation>Descriptive data to be used in authentication of the sender's identity (and right to use FedEx web services).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ClientDetail" type="ns:ClientDetail" minOccurs="1"/> <xs:element name="TransactionDetail" type="ns:TransactionDetail" minOccurs="0"/> <xs:element name="Version" type="ns:VersionId" minOccurs="1"/> <xs:element name="EffectiveDate" type="xs:date" minOccurs="0"/> <xs:element name="LocationsSearchCriterion" type="ns:LocationsSearchCriteriaType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the criterion that may be used to search for FedEx locations.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Address" type="ns:Address" minOccurs="0"/> <xs:element name="PhoneNumber" type="xs:string" minOccurs="0"/> <xs:element name="GeographicCoordinates" type="xs:string" minOccurs="0"/> <xs:element name="MultipleMatchesAction" type="ns:MultipleMatchesActionType" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the criterion to be used to return location results when there are mutiple matches.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SortDetail" type="ns:LocationSortDetail" minOccurs="0"> <xs:annotation> <xs:documentation>Specifies the details on how the location search results be sorted in the reply.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReservationDetail" type="ns:RequestedReservationDetail" minOccurs="0"/> <xs:element name="Constraints" type="ns:SearchLocationConstraints" minOccurs="0"> <xs:annotation> <xs:documentation>Contraints to be applied to location attributes.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </pre>

</xs:complexType>

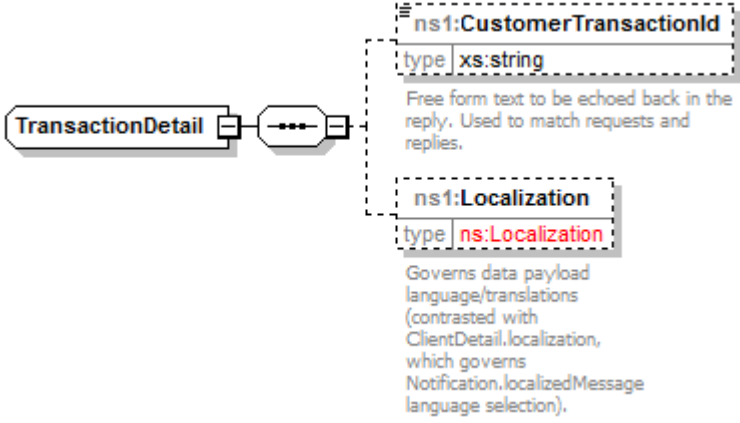
complexType ShippingHoliday

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Holiday ns1:UnavailableActions
source	<pre> <xs:complexType name="ShippingHoliday"> <xs:sequence> <xs:element name="Holiday" type="ns:Holiday" minOccurs="0"/> <xs:element name="UnavailableActions" type="ns:ShippingActionType" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

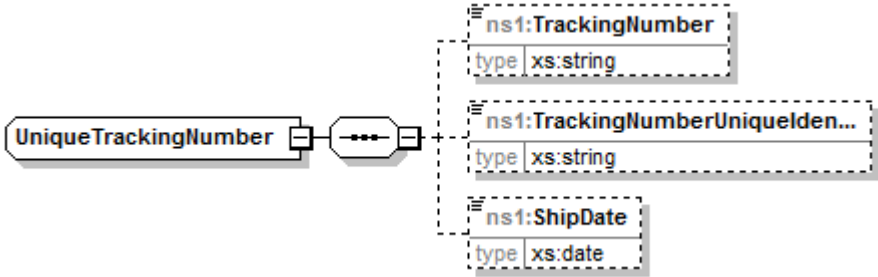
complexType TimeRange

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Begins ns1:Ends
source	<pre> <xs:complexType name="TimeRange"> <xs:sequence> <xs:element name="Begins" type="xs:time" minOccurs="0"/> <xs:element name="Ends" type="xs:time" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType TransactionDetail

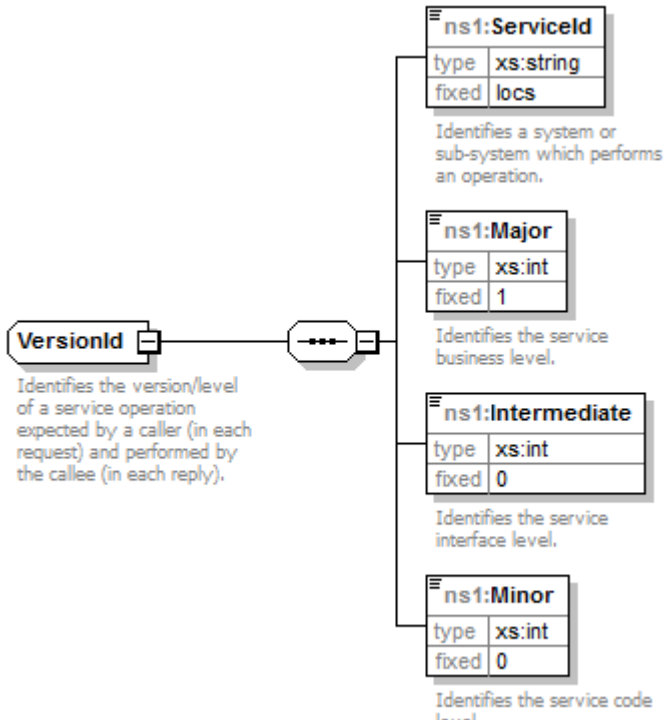
diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:CustomerTransactionId ns1:Localization
source	<pre> <xs:complexType name="TransactionDetail"> <xs:sequence> <xs:element name="CustomerTransactionId" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>Free form text to be echoed 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> </pre>

complexType UniqueTrackingNumber

diagram	
namespace	http://fedex.com/ws/locs/v1

children	ns1:TrackingNumber ns1:TrackingNumberUniqueIdentifier ns1:ShipDate
source	<pre> <xs:complexType name="UniqueTrackingNumber"> <xs:sequence> <xs:element name="TrackingNumber" type="xs:string" minOccurs="0"/> <xs:element name="TrackingNumberUniqueIdentifier" type="xs:string" minOccurs="0"/> <xs:element name="ShipDate" type="xs:date" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType VersionId

diagram	 <p>ns1:ServiceId type xs:string fixed locs Identifies a system or sub-system which performs an operation.</p> <p>ns1:Major type xs:int fixed 1 Identifies the service business level.</p> <p>ns1:Intermediate type xs:int fixed 0 Identifies the service interface level.</p> <p>ns1:Minor type xs:int fixed 0 Identifies the service code level.</p>
namespace	http://fedex.com/ws/locs/v1
children	ns1:ServiceId ns1:Major ns1:Intermediate ns1:Minor
annotation	documentation Identifies the version/level of a service operation expected by a caller (in each request) and performed by the callee (in each reply).
source	<pre> <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="locs" minOccurs="1"> </pre>

	<pre> <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="1" minOccurs="1"> <xs:annotation> <xs:documentation>Identifies the service business level.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Intermediate" type="xs:int" fixed="0" minOccurs="1"> <xs:annotation> <xs:documentation>Identifies the service interface level.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Minor" type="xs:int" fixed="0" minOccurs="1"> <xs:annotation> <xs:documentation>Identifies the service code level.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType **WebAuthenticationCredential**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:Key ns1:Password
annotation	documentation Two part authentication string used for the sender's identity
source	<pre> <xs:complexType name="WebAuthenticationCredential"> <xs:annotation> <xs:documentation>Two part authentication string used for the sender's identity</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Key" type="xs:string" minOccurs="1"> <xs:annotation> <xs:documentation>Identifying part of authentication credential. This value is </pre>

	<pre> provided by FedEx after registration</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Password" type="xs:string" minOccurs="1"> <xs:annotation> <xs:documentation>Secret part of authentication key. This value is provided by FedEx after registration.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
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complexType **WebAuthenticationDetail**

diagram	
namespace	http://fedex.com/ws/locs/v1
children	ns1:UserCredential
annotation	documentation Used in authentication of the sender's identity.
source	<pre> <xs:complexType name="WebAuthenticationDetail"> <xs:annotation> <xs:documentation>Used in authentication of the sender's identity.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="UserCredential" type="ns:WebAuthenticationCredential" minOccurs="1"> <xs:annotation> <xs:documentation>Credential used to authenticate a specific software application. This value is provided by FedEx after registration.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

simpleType **CarrierCodeType**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	FDXC	
	enumeration	FDXE	

	enumeration FDXG enumeration FXCC enumeration FXFR enumeration FXSP
annotation	documentation Identification of a FedEx operating company (transportation).
source	<pre> <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> </pre>

simpleType ConsolidationType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	INTERNATIONAL_DISTRIBUTION_FREIGHT	
	enumeration	INTERNATIONAL_ECONOMY_DISTRIBUTION	
	enumeration	INTERNATIONAL_GROUND_DIRECT_DISTRIBUTION	
	enumeration	INTERNATIONAL_GROUND_DISTRIBUTION	
	enumeration	INTERNATIONAL_PRIORITY_DISTRIBUTION	
	enumeration	TRANSBORDER_DISTRIBUTION	
source	<pre><xs:simpleType name="ConsolidationType"> <xs:restriction base="xs:string"> <xs:enumeration value="INTERNATIONAL_DISTRIBUTION_FREIGHT"/> <xs:enumeration value="INTERNATIONAL_ECONOMY_DISTRIBUTION"/> <xs:enumeration value="INTERNATIONAL_GROUND_DIRECT_DISTRIBUTION"/> <xs:enumeration value="INTERNATIONAL_GROUND_DISTRIBUTION"/> <xs:enumeration value="INTERNATIONAL_PRIORITY_DISTRIBUTION"/> <xs:enumeration value="TRANSBORDER_DISTRIBUTION"/> </xs:restriction> </xs:simpleType></pre>		

simpleType DayOfWeekType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	FRI	
	enumeration	MON	
	enumeration	SAT	
	enumeration	SUN	
	enumeration	THU	
	enumeration	TUE	
	enumeration	WED	
source	<pre> <xs:simpleType name="DayOfWeekType"> <xs:restriction base="xs:string"> <xs:enumeration value="FRI"/> <xs:enumeration value="MON"/> <xs:enumeration value="SAT"/> <xs:enumeration value="SUN"/> <xs:enumeration value="THU"/> <xs:enumeration value="TUE"/> <xs:enumeration value="WED"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType DistanceUnits

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	KM	
	enumeration	MI	
source	<pre> <xs:simpleType name="DistanceUnits"> <xs:restriction base="xs:string"> <xs:enumeration value="KM"/> <xs:enumeration value="MI"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType DistributionClearanceType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	

facets	Kind	Value	Annotation
	enumeration	DESTINATION_COUNTRY_CLEARANCE	
	enumeration	SINGLE_POINT_OF_CLEARANCE	
source	<pre> <xs:simpleType name="DistributionClearanceType"> <xs:restriction base="xs:string"> <xs:enumeration value="DESTINATION_COUNTRY_CLEARANCE"/> <xs:enumeration value="SINGLE_POINT_OF_CLEARANCE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **ExpressRegionCode**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	APAC	
	enumeration	CA	
	enumeration	EMEA	
	enumeration	LAC	
	enumeration	US	
annotation	documentation Indicates a FedEx Express operating region.		
source	<pre> <xs:simpleType name="ExpressRegionCode"> <xs:annotation> <xs:documentation>Indicates a FedEx Express operating region.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="APAC"/> <xs:enumeration value="CA"/> <xs:enumeration value="EMEA"/> <xs:enumeration value="LAC"/> <xs:enumeration value="US"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **FedExLocationType**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	FEDEX_AUTHORIZED_SHIP_CENTER	
	enumeration	FEDEX_EXPRESS_STATION	
	enumeration	FEDEX_FREIGHT_SERVICE_CENTER	

	enumeration FEDEX_GROUND_TERMINAL enumeration FEDEX_HOME_DELIVERY_STATION enumeration FEDEX_OFFICE enumeration FEDEX_SELF_SERVICE_LOCATION enumeration FEDEX_SHIPSITE enumeration FEDEX_SMART_POST_HUB
annotation	documentation Identifies a kind of FedEx facility.
source	<pre> <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_AUTHORIZED_SHIP_CENTER"/> <xs:enumeration value="FEDEX_EXPRESS_STATION"/> <xs:enumeration value="FEDEX_FREIGHT_SERVICE_CENTER"/> <xs:enumeration value="FEDEX_GROUND_TERMINAL"/> <xs:enumeration value="FEDEX_HOME_DELIVERY_STATION"/> <xs:enumeration value="FEDEX_OFFICE"/> <xs:enumeration value="FEDEX_SELF_SERVICE_LOCATION"/> <xs:enumeration value="FEDEX_SHIPSITE"/> <xs:enumeration value="FEDEX_SMART_POST_HUB"/> </xs:restriction> </xs:simpleType> </pre>

simpleType LatestDropOffOverlayType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	DOMESTIC_CANADIAN	
	enumeration	EAST_COAST	
	enumeration	FEDEX_GROUND	
	enumeration	WEST_COAST	
annotation	documentation	Specifies the reason for the overlay of the daily last drop off time for a carrier.	
source	<pre><xs:simpleType name="LatestDropOffOverlayType"> <xs:annotation> <xs:documentation>Specifies the reason for the overlay of the daily last drop off time for a carrier.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DOMESTIC_CANADIAN"/> <xs:enumeration value="EAST_COAST"/> <xs:enumeration value="FEDEX_GROUND"/> <xs:enumeration value="WEST_COAST"/> </xs:restriction> </xs:simpleType></pre>		

	<code></xs:simpleType></code>
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simpleType LocationAccessibilityType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	INSIDE	
	enumeration	OUTSIDE	
annotation	documentation Indicates how this can be accessed.		
source	<pre> <xs:simpleType name="LocationAccessibilityType"> <xs:annotation> <xs:documentation>Indicates how this can be accessed.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="INSIDE"/> <xs:enumeration value="OUTSIDE"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType LocationAttributesType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ACCEPTS_CASH	
	enumeration	ALREADY_OPEN	
	enumeration	CLEARANCE_SERVICES	
	enumeration	COPY_AND_PRINT_SERVICES	
	enumeration	DANGEROUS_GOODS_SERVICES	
	enumeration	DIRECT_MAIL_SERVICES	
	enumeration	DROP_BOX	
	enumeration	EXPRESS_FREIGHT_DROPOFFS	
	enumeration	EXPRESS_PARCEL_DROPOFFS	
	enumeration	FEDEX_FREIGHT_DROPOFFS	
	enumeration	GROUND_DROPOFFS	
	enumeration	GROUND_HOME_DELIVERY_DROPOFFS	
	enumeration	LOCATION_IS_IN_AIRPORT	
	enumeration	NOTARY_SERVICES	
	enumeration	OBSERVES_DAY_LIGHT_SAVING_TIMES	
	enumeration	OPEN_TWENTY_FOUR_HOURS	

	enumeration PACKAGING_SUPPLIES enumeration PACK_AND_SHIP enumeration PASSPORT_PHOTO_SERVICES enumeration RETURNS_SERVICES enumeration SAME_DAY_CITY_DROPOFFS enumeration SAME_DAY_DROPOFFS enumeration SATURDAY_DROPOFFS enumeration SATURDAY_EXPRESS_HOLD_AT_LOCATION enumeration SHIP_AND_GET enumeration SIGNS_AND_BANNERS_SERVICE enumeration SONY_PICTURE_STATION enumeration VIDEO_CONFERENCING enumeration WEEKDAY_EXPRESS_HOLD_AT_LOCATION enumeration WEEKDAY_GROUND_HOLD_AT_LOCATION
source	<pre> <xs:simpleType name="LocationAttributesType"> <xs:restriction base="xs:string"> <xs:enumeration value="ACCEPTS_CASH"/> <xs:enumeration value="ALREADY_OPEN"/> <xs:enumeration value="CLEARANCE_SERVICES"/> <xs:enumeration value="COPY_AND_PRINT_SERVICES"/> <xs:enumeration value="DANGEROUS_GOODS_SERVICES"/> <xs:enumeration value="DIRECT_MAIL_SERVICES"/> <xs:enumeration value="DROP_BOX"/> <xs:enumeration value="EXPRESS_FREIGHT_DROPOFFS"/> <xs:enumeration value="EXPRESS_PARCEL_DROPOFFS"/> <xs:enumeration value="FEDEX_FREIGHT_DROPOFFS"/> <xs:enumeration value="GROUND_DROPOFFS"/> <xs:enumeration value="GROUND_HOME_DELIVERY_DROPOFFS"/> <xs:enumeration value="LOCATION_IS_IN_AIRPORT"/> <xs:enumeration value="NOTARY_SERVICES"/> <xs:enumeration value="OBSERVES_DAY_LIGHT_SAVING_TIMES"/> <xs:enumeration value="OPEN_TWENTY_FOUR_HOURS"/> <xs:enumeration value="PACKAGING_SUPPLIES"/> <xs:enumeration value="PACK_AND_SHIP"/> <xs:enumeration value="PASSPORT_PHOTO_SERVICES"/> <xs:enumeration value="RETURNS_SERVICES"/> <xs:enumeration value="SAME_DAY_CITY_DROPOFFS"/> <xs:enumeration value="SAME_DAY_DROPOFFS"/> <xs:enumeration value="SATURDAY_DROPOFFS"/> <xs:enumeration value="SATURDAY_EXPRESS_HOLD_AT_LOCATION"/> <xs:enumeration value="SHIP_AND_GET"/> <xs:enumeration value="SIGNS_AND_BANNERS_SERVICE"/> <xs:enumeration value="SONY_PICTURE_STATION"/> <xs:enumeration value="VIDEO_CONFERENCING"/> <xs:enumeration value="WEEKDAY_EXPRESS_HOLD_AT_LOCATION"/> <xs:enumeration value="WEEKDAY_GROUND_HOLD_AT_LOCATION"/> </xs:restriction> </xs:simpleType> </pre>

simpleType LocationContentOptionType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration	Value HOLIDAYS	Annotation
	enumeration	LOCATION_DROPOFF_TIMES	
	enumeration	MAP_URL	
source	<pre> <xs:simpleType name="LocationContentOptionType"> <xs:restriction base="xs:string"> <xs:enumeration value="HOLIDAYS"/> <xs:enumeration value="LOCATION_DROPOFF_TIMES"/> <xs:enumeration value="MAP_URL"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType LocationSearchFilterType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration	Value EXCLUDE_LOCATIONS_OUTSIDE_STATE_OR_PROVINCE	Annotation
annotation	documentation Specifies the crieteria used to filter the location search results.		
source	<pre><xs:simpleType name="LocationSearchFilterType"> <xs:annotation> <xs:documentation>Specifies the crieteria used to filter the location search results.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EXCLUDE_LOCATIONS_OUTSIDE_STATE_OR_PROVINCE"/> </xs:restriction> </xs:simpleType></pre>		

simpleType LocationSortCriteriaType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration	Value DISTANCE	Annotation
	enumeration	LATEST_EXPRESS_DROPOFF_TIME	

	enumeration LATEST_GROUND_DROPOFF_TIME enumeration LOCATION_TYPE
annotation	documentation Specifies the criterion to be used to sort the location details.
source	<pre> <xs:simpleType name="LocationSortCriteriaType"> <xs:annotation> <xs:documentation>Specifies the criterion to be used to sort the location details.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="DISTANCE"/> <xs:enumeration value="LATEST_EXPRESS_DROPOFF_TIME"/> <xs:enumeration value="LATEST_GROUND_DROPOFF_TIME"/> <xs:enumeration value="LOCATION_TYPE"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **LocationSortOrderType**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration enumeration	Value HIGHEST_TO_LOWEST LOWEST_TO_HIGHEST	Annotation
annotation	documentation Specifies sort order of the location details.		
source	<pre><xs:simpleType name="LocationSortOrderType"> <xs:annotation> <xs:documentation>Specifies sort order of the location details.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="HIGHEST_TO_LOWEST"/> <xs:enumeration value="LOWEST_TO_HIGHEST"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **LocationsSearchCriteriaType**

Simple type: LocationSearchCriteriaType			
namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ADDRESS	
	enumeration	GEOGRAPHIC_COORDINATES	
	enumeration	PHONE_NUMBER	

annotation	documentation Specifies the criteria types that may be used to search for FedEx locations.
source	<pre> <xs:simpleType name="LocationsSearchCriteriaType"> <xs:annotation> <xs:documentation>Specifies the criteria types that may be used to search for FedEx locations.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ADDRESS"/> <xs:enumeration value="GEOGRAPHIC_COORDINATES"/> <xs:enumeration value="PHONE_NUMBER"/> </xs:restriction> </xs:simpleType> </pre>

simpleType MultipleMatchesActionType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	RETURN_ALL	
	enumeration	RETURN_ERROR	
	enumeration	RETURN_FIRST	
source	<pre> <xs:simpleType name="MultipleMatchesActionType"> <xs:restriction base="xs:string"> <xs:enumeration value="RETURN_ALL"/> <xs:enumeration value="RETURN_ERROR"/> <xs:enumeration value="RETURN_FIRST"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType NotificationSeverityType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ERROR	
	enumeration	FAILURE	
	enumeration	NOTE	
	enumeration	SUCCESS	
	enumeration	WARNING	
source	<pre> <xs:simpleType name="NotificationSeverityType"> <xs:restriction base="xs:string"> <xs:enumeration value="ERROR"/> <xs:enumeration value="FAILURE"/> </pre>		

	<pre> <xs:enumeration value="NOTE"/> <xs:enumeration value="SUCCESS"/> <xs:enumeration value="WARNING"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType OperationalHoursType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	CLOSED_ALL_DAY	
	enumeration	OPEN_ALL_DAY	
	enumeration	OPEN_BY_HOURS	
source	<pre> <xs:simpleType name="OperationalHoursType"> <xs:restriction base="xs:string"> <xs:enumeration value="CLOSED_ALL_DAY"/> <xs:enumeration value="OPEN_ALL_DAY"/> <xs:enumeration value="OPEN_BY_HOURS"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType PackageSpecialServiceType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	ALCOHOL	
	enumeration	APPOINTMENT_DELIVERY	
	enumeration	COD	
	enumeration	DANGEROUS_GOODS	
	enumeration	DRY_ICE	
	enumeration	NON_STANDARD_CONTAINER	
	enumeration	PIECE_COUNT_VERIFICATION	
	enumeration	PRIORITY_ALERT	
	enumeration	SIGNATURE_OPTION	
source	<pre> <xs:simpleType name="PackageSpecialServiceType"> <xs:restriction base="xs:string"> <xs:enumeration value="ALCOHOL"/> <xs:enumeration value="APPOINTMENT_DELIVERY"/> <xs:enumeration value="COD"/> <xs:enumeration value="DANGEROUS_GOODS"/> <xs:enumeration value="DRY_ICE"/> </xs:restriction> </xs:simpleType> </pre>		

	<pre> <xs:enumeration value="NON_STANDARD_CONTAINER"/> <xs:enumeration value="PIECE_COUNT_VERIFICATION"/> <xs:enumeration value="PRIORITY_ALERT"/> <xs:enumeration value="SIGNATURE_OPTION"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **ReservationAttributesType**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration	Value RESERVATION_AVAILABLE	Annotation
annotation	documentation Attributes about a reservation at a FedEx location.		
source	<pre><xs:simpleType name="ReservationAttributesType"> <xs:annotation> <xs:documentation>Attributes about a reservation at a FedEx location.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="RESERVATION_AVAILABLE"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ServiceCategoryType**

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	EXPRESS_FREIGHT	
	enumeration	EXPRESS_PARCEL	
source	<pre><xs:simpleType name="ServiceCategoryType"> <xs:restriction base="xs:string"> <xs:enumeration value="EXPRESS_FREIGHT"/> <xs:enumeration value="EXPRESS_PARCEL"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ServiceType**

namespace	http://fedex.com/ws/locs/v1
type	restriction of xs:string

properties	basexs:string		
facets	Kind	Value	Annotation
	enumeration	SAME_DAY	
	enumeration	SAME_DAY_CITY	
source	<pre><xs:simpleType name="ServiceType"> <xs:restriction base="xs:string"> <xs:enumeration value="SAME_DAY"/> <xs:enumeration value="SAME_DAY_CITY"/> </xs:restriction> </xs:simpleType></pre>		

simpleType ShippingActionType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	DELIVERIES	
	enumeration	PICKUPS	
source	<pre><xs:simpleType name="ShippingActionType"> <xs:restriction base="xs:string"> <xs:enumeration value="DELIVERIES"/> <xs:enumeration value="PICKUPS"/> </xs:restriction> </xs:simpleType></pre>		

simpleType SupportedRedirectToHoldServiceType

namespace	http://fedex.com/ws/locs/v1		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind	Value	Annotation
	enumeration	FEDEX_EXPRESS	
	enumeration	FEDEX_GROUND	
	enumeration	FEDEX_GROUND_HOME_DELIVERY	
annotation	documentation	Specifies the types of services supported by a FedEx location for redirect to hold.	
source	<pre><xs:simpleType name="SupportedRedirectToHoldServiceType"> <xs:annotation> <xs:documentation>Specifies the types of services supported by a FedEx location for redirect to hold.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FEDEX_EXPRESS"/> <xs:enumeration value="FEDEX_GROUND"/> <xs:enumeration value="FEDEX_GROUND_HOME_DELIVERY"/> </xs:restriction> </xs:simpleType></pre>		

	<pre></xs:restriction> </xs:simpleType></pre>
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