

Schema documentation for RatesSchema.xsd

june 23, 2019

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Resource hierarchy:

Legend:  Import,  Include,  Redefine,  Override,  Cycle detected

RatesSchema.xsd

UnqualifiedDataType_8p0.xsd

IANA_CharacterSetCode_20070514.xsd

IANA_MIMEMediaType_20090901.xsd

ISO_ISOTwoletterCountryCode_SecondEdition2006VI-6.xsd

ISO_ISO3AlphaCurrencyCode_20090909.xsd

UNECE_CharacterSetEncodingCode_40106.xsd

UNECE_MeasurementUnitCommonCode_6.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

QualifiedDataType_7p0.xsd

UnqualifiedDataType_8p0.xsd

IANA_CharacterSetCode_20070514.xsd

IANA_MIMEMediaType_20090901.xsd

ISO_ISOTwoletterCountryCode_SecondEdition2006VI-6.xsd

ISO_ISO3AlphaCurrencyCode_20090909.xsd

UNECE_CharacterSetEncodingCode_40106.xsd

UNECE_MeasurementUnitCommonCode_6.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

UNECE_MeasurementUnitCommonCode_6.xsd

ISO_ISO3AlphaCurrencyCode_20090909.xsd

UNECE_DocumentNameCode_D09A.xsd

UNECE_PartyRoleCode_D09A.xsd

UNECE_TransportModeCode_2.xsd

ISO_ISOTwoletterCountryCode_SecondEdition2006VI-6.xsd

OpenFreightReusableTypes.xsd

UnqualifiedDataType_8p0.xsd

IANA_CharacterSetCode_20070514.xsd

IANA_MIMEMediaType_20090901.xsd

ISO_ISOTwoletterCountryCode_SecondEdition2006VI-6.xsd

ISO_ISO3AlphaCurrencyCode_20090909.xsd

UNECE_CharacterSetEncodingCode_40106.xsd

UNECE_MeasurementUnitCommonCode_6.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

QualifiedDataType_7p0.xsd

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UNECE_MeasurementUnitCommonCode_6.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

UNECE_AgencyIdentificationCode_D09A.xsd

UNECE_MeasurementUnitCommonCode_6.xsd

ISO_ISO3AlphaCurrencyCode_20090909.xsd

UNECE_DocumentNameCode_D09A.xsd

UNECE_PartyRoleCode_D09A.xsd

UNECE_TransportModeCode_2.xsd

ISO_ISOTwoletterCountryCode_SecondEdition2006VI-6.xsd

Namespace: "www.openfreight.org"

Schema(s)

Main schema RatesSchema.xsd

Namespace	www.openfreight.org
Properties	attribute form default: unqualified
	element form default: qualified
Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

Element(s)

Element opn:RateRequest

Namespace	www.openfreight.org
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Diagram	
Type	opn:RateRequestType
Properties	content: complex
Model	opn:MessageHeader , opn:BusinessInfo , opn:Shipment
Children	opn:BusinessInfo, opn:MessageHeader, opn:Shipment
Instance	<pre><opn:RateRequest xmlns:opn="www.openfreight.org"> <opn:MessageHeader>{1,1}</opn:MessageHeader> <opn:BusinessInfo>{1,1}</opn:BusinessInfo> <opn:Shipment>{1,1}</opn:Shipment> </opn:RateRequest></pre>
Source	<code><xs:element name="RateRequest" type="opn:RateRequestType"/></code>
Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

Element opn:RateResponse

Namespace	www.openfreight.org
Diagram	
Type	opn:RateResponseType
Properties	content: complex
Model	opn:MessageHeader , opn:BusinessInfo , opn:Rates , opn:ResponseStatus {0,1}
Children	opn:BusinessInfo, opn:MessageHeader, opn:Rates, opn:ResponseStatus
Instance	<pre><opn:RateResponse xmlns:opn="www.openfreight.org"> <opn:MessageHeader>{1,1}</opn:MessageHeader> <opn:BusinessInfo>{1,1}</opn:BusinessInfo> <opn:Rates>{1,1}</opn:Rates> <opn:ResponseStatus>{0,1}</opn:ResponseStatus> </opn:RateResponse></pre>
Source	<code><xs:element name="RateResponse" type="opn:RateResponseType"/></code>
Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

Complex Type(s)

Complex Type opn:RateRequestType

Namespace	www.openfreight.org
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Diagram	
Used by	Element opn:RateRequest
Model	opn:MessageHeader , opn:BusinessInfo , opn:Shipment
Children	opn:BusinessInfo, opn:MessageHeader, opn:Shipment
Source	<pre> <xs:complexType name="RateRequestType"> <xs:sequence> <xs:element name="MessageHeader" type="opn:MessageHeaderType" /> <xs:element name="BusinessInfo" type="opn:BusinessInfoType" /> <xs:element name="Shipment" type="opn:ShipmentType" /> </xs:sequence> </xs:complexType> </pre>
Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

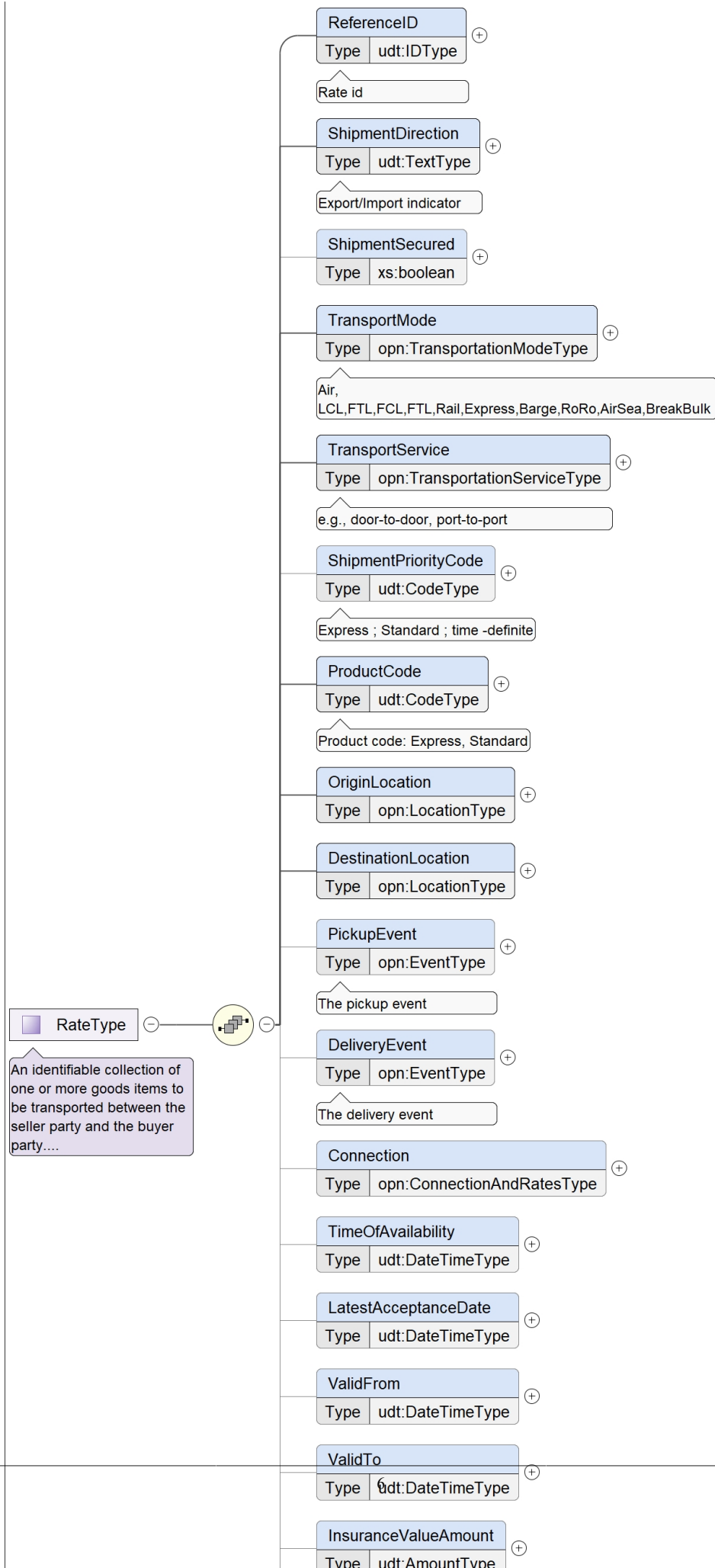
Complex Type opn:RateResponseType

Namespace	www.openfreight.org
Diagram	
Used by	Element opn:RateResponse
Model	opn:MessageHeader , opn:BusinessInfo , opn:Rates , opn:ResponseStatus{0,1}
Children	opn:BusinessInfo, opn:MessageHeader, opn:Rates, opn:ResponseStatus
Source	<pre> <xs:complexType name="RateResponseType"> <xs:sequence> <xs:element name="MessageHeader" type="opn:MessageHeaderType" /> <xs:element name="BusinessInfo" type="opn:BusinessInfoType" /> <xs:element name="Rates"> <xs:complexType> <xs:sequence> <xs:element name="Rate" type="opn:RateType" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ResponseStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Status" type="opn:StatusType" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

Complex Type `opn:RateType`

Namespace	www.openfreight.org
Annotations	An identifiable collection of one or more goods items to be transported between the seller party and the buyer party. This information may be defined within a commercial contract. A shipment can be transported in different consignments (e.g., split for logistical purposes).

Diagram



Used by	Element opn:RateResponseType/opn:Rates/opn:Rate
Model	opn:ReferenceID , opn:ShipmentDirection , opn:ShipmentSecured{0,1} , opn:TransportMode , opn:TransportService , opn:ShipmentPriorityCode{0,1} , opn:ProductCode , opn:OriginLocation , opn:DestinationLocation , opn:PickupEvent{0,1} , opn:DeliveryEvent{0,1} , opn:Connection{0,1} , opn:TimeOfAvailability{0,1} , opn:LatestAcceptanceDate{0,1} , opn:ValidFrom{0,1} , opn:ValidTo{0,1} , opn:InsuranceValueAmount{0,1} , opn:DeclaredCustomsValueAmount{0,1} , opn:PriceIndicator{0,1} , opn:SpecialHandlingCodes{0,1} , opn:Terms{0,1} , opn:CommodityClassification{0,1} , opn:Remarks{0,1} , opn:AdditionalInformation{0,1}
Children	opn:AdditionalInformation, opn:CommodityClassification, opn:Connection, opn:DeclaredCustomsValueAmount, opn:DeliveryEvent, opn:DestinationLocation, opn:InsuranceValueAmount, opn:LatestAcceptanceDate, opn:OriginLocation, opn:PickupEvent, opn:PriceIndicator, opn:ProductCode, opn:ReferenceID, opn:Remarks, opn:ShipmentDirection, opn:ShipmentPriorityCode, opn:ShipmentSecured, opn:SpecialHandlingCodes, opn:Terms, opn:TimeOfAvailability, opn:TransportMode, opn:TransportService, opn:ValidFrom, opn:ValidTo
Source	<pre> <xs:complexType name="RateType"> <xs:annotation> <xs:documentation>An identifiable collection of one or more goods items to be transported between the seller party and the buyer party. This information may be defined within a commercial contract. A shipment can be transported in different consignments (e.g., split for logistical purposes).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ReferenceID" type="udt:IDType"> <xs:annotation> <xs:documentation>Rate id</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShipmentDirection" type="udt:TextType"> <xs:annotation> <xs:documentation>Export/Import indicator</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShipmentSecured" type="xs:boolean" minOccurs="0"/> <xs:element name="TransportMode" type="opn:TransportationModeType"> <xs:annotation> <xs:documentation>Air, LCL,FTL,FCL,FTL,Rail,Express,Barge,RoRo,AirSea,BreakBulk</ xs:documentation> </xs:annotation> </xs:element> <xs:element name="TransportService" type="opn:TransportationServiceType"> <xs:annotation> <xs:documentation>e.g., door-to-door, port-to-port</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ShipmentPriorityCode" type="udt:CodeType" minOccurs="0"> <xs:annotation> <xs:documentation>Express ; Standard ; time -definite</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductCode" type="udt:CodeType" minOccurs="1"> <xs:annotation> <xs:documentation>Product code: Express, Standard</xs:documentation> </xs:annotation> </xs:element> <xs:element name="OriginLocation" type="opn:LocationType" minOccurs="1"/> <xs:element name="DestinationLocation" type="opn:LocationType" minOccurs="1"/> <xs:element name="PickupEvent" type="opn:EventType" minOccurs="0"> <xs:annotation> <xs:documentation>The pickup event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DeliveryEvent" type="opn:EventType" minOccurs="0"> <xs:annotation> <xs:documentation>The delivery event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Connection" type="opn:ConnectionAndRatesType" minOccurs="0"/> <xs:element name="TimeOfAvailability" type="udt:DateTimeType" minOccurs="0"/> <xs:element name="LatestAcceptanceDate" type="udt:DateTimeType" minOccurs="0"/> <xs:element name="ValidFrom" type="udt:DateTimeType" minOccurs="0"/> <xs:element name="ValidTo" type="udt:DateTimeType" minOccurs="0"/> <xs:element name="InsuranceValueAmount" type="udt:AmountType" minOccurs="0"/> <xs:element name="DeclaredCustomsValueAmount" type="udt:AmountType" minOccurs="0"/> <xs:element name="PriceIndicator" type="opn:PriceIndicatorType" minOccurs="0"/> <xs:element name="SpecialHandlingCodes" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element maxOccurs="unbounded" minOccurs="1" name="Code" type="udt:CodeType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element name="Terms" type="opn:TermsType" minOccurs="0"/> <xs:element name="CommodityClassification" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element maxOccurs="unbounded" minOccurs="1" name="CommodityClass" type="opn:CommodityClassificationType"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="Remarks" type="udt:TextType" minOccurs="0"/> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information specific to message requester such as Origin Search Type, DestinationSearchType</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Information" type="opn:AdditionalPropertyType" maxOccurs="unbounded" minOccurs="0"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
Schema loca- tion	file:D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd

Complex Type opn:ConnectionAndRatesType

Namespace	www.openfreight.org
Diagram	
Used by	Element opn:RateType/opn:Connection
Model	opn:NumberOfConnections{0,1} , opn:TransitTime{0,1} , opn:ConnectionSegments
Children	opn:ConnectionSegments, opn:NumberOfConnections, opn:TransitTime
Source	<pre> <xs:complexType name="ConnectionAndRatesType"> <xs:sequence> <xs:element minOccurs="0" name="NumberOfConnections" type="xs:integer"/> <xs:element name="TransitTime" type="opn:TransitTimeType" maxOccurs="1" minOccurs="0"> <xs:annotation> <xs:documentation>Number of (months, weeks, days, hours, etc.) it takes to transport a shipment</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ConnectionSegments" minOccurs="1"> <xs:complexType> <xs:sequence> <xs:element maxOccurs="unbounded" minOccurs="1" name="Segment" type="opn:SegmentCapacityType"> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

Schema location	file:/D:/Freightos/OpenFreight/api/rate-api/xml-schema/RatesSchema.xsd
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