



MailXML Version 21.0

Base Simple Types Specification

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Abstract

This document describes the messaging protocol for use by mailers and their consignees. The Mail.XML™ Transaction Protocol defines the roles and responsibilities of Shippers and Consignees and defines the format and method for message exchange. This messaging protocol is designed to be XML and Web-Services compliant and to work with FAST.

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About MailXML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing.

The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS.

In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

What's New in MailXML Version 21.0?

With this release, the Mail.XML Messaging Protocol moves to Version 21.0. In addition to minor cleanup, this release supports ongoing USPS modernization and automation efforts for 2018.

Changes supported by MailXML 21.0 include:

- Update the ContainerVisibilityEntry to contain fields to allow users to receive new Scan State events for Container / Handling Units..
- As part of the January 2018 Price Change release, PostalOne! will use the Container Type defined in the Qualification Report for Periodicals Sacks and Trays to map to the correct line on the postage statement. MailXML V21.0 allows line mapping for sack/tray directly as part of the PeriodicalStatementCreateRequest.
- Mail.XML V21.0 will add support for ASF (Auxiliary Service Facility) in ContainerStatusQueryResponse.
- MailXML V21.0 updates the ContainerVisibilityEntry to allow users to determine the party that was received the visibility data.
- MailXML V21.0 enables USPS to requiring permit information for Mailing Agents when only CRID or MID information is used to identify the correct Mailing Agent.

Note: In order to modify a campaign, a user must first delete the campaign and then create a new campaign with the updated parameters. There is no message to update or modify a campaign at this time.

About MailXML Schema Modularization

Today Mail.XML messages are grouped into 8 message types.

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- Dynamic Payment Template Messages
- Identification Messages (ID)
- Supply Chain Messages (SC)
- Informed Visibility (IV)
- System Messages
- Base: Shared simple types
- Definitions: Shared complex types and elements

The simple types shared across 2 or more modules are found in the Base schema. Likewise the shared definitions module contains complex type definitions and elements that are shared across 2 or more modules.

MailXML Module Versioning Rules

The following versioning rules will be followed:

- The MailXML wrapper schema^{**}.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations:

```
xmlns:mailxml="http://Idealliance.org/Specs/mailxml21.0/mailxml"
targetNamespace="http://Idealliance.org/Specs/mailxml21.0/mailxml"
```
- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) **and** all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0A/mailxml" then at least one of the XSDs is at same version such as filename = 'mailxml_15.0.A.xsd' <- Errata A

- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0B/mailxml" then at least one of the XSDs is
at same version such as filename = 'mailxml_15.0B.xsd' <- Errata B
- If the wrapper version is labeled as
xmlns:mailxml="http://Idealliance.org/Specs/mailxml15.0/mailxml" then at least one of the XSDs is
at same version such as filename = 'mailxml_15.0.xsd' <- Major Version

MailXML 21.0 XSD Modules:

The following MailXML XSD modules/namespaces are used:

- **mailxml_tm.xsd**: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_tm:**
- **mailxml_mm.xsd**: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_mm:**
- **mailxml_iv.xsd**: This module contains informed visibility messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_iv:**
- **mailxml_dd.xsd**: This module contains all the data distribution messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_dd:**
- **mailxml_id.xsd**: This module contains all the identification messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_id:**
- **mailxml_sc.xsd**: This module contains all the supply chain messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml_sc:**
- **mailxml_defs.xsd**: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. **Namespace=mailxml_defs:**
- **mailxml_base.xsd**: This module contains simple types that are shared across two or more modules that make up mailxml. These can be considered a building block for any message group. **Namespace=mailxml_base:**
- **mailxml.xsd**: This module contains the system messages of MailXML and is used to build custom profiles for MailXML. **Namespace=mailxml:**

The MailXML™ 21 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 16.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 21.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 21.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 21.0: Informed Visibility Specification* documents all informed visibility messages

- *Mail.XML™ 21.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 21.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 21.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 21.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 21.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 21.0: Common Definitions Specification* documents all shared elements and complex types.
- *Mail.XML™ 21.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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<u>qualificationReportClassType</u>	<u>scheduledInductionTimeType</u>
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<u>rateLevelType</u>	<u>serialNumberSevenOrEleven</u>
<u>rateType</u>	<u>serialNumberTenOrFourteen</u>
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<u>reservationNumberType</u>	<u>serviceLevelIndicatorType</u>
<u>responsibleTransportationPartyType</u>	<u>serviceSubCodeType</u>
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2 Elements and Types

simpleType **actionCodeType**

facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	W	
	enumeration	R	
	enumeration	U	
annotation	documentation	Action Code for USPS	

simpleType **additionalInHomeRangeType**

simpleType **apptMethodType**

facets	Kind	Value	Annotation
	enumeration	Online	
	enumeration	Phone	
	enumeration	Webservices - Detail	
	enumeration	Webservices - No Detail	

simpleType **apptStateType**

facets	Kind	Value	Annotation
	enumeration	Scheduled	
	enumeration	Arrived	
	enumeration	ApptValidated	
	enumeration	WaitingToBeUnloaded	
	enumeration	Unloading	
	enumeration	FinishedUnloading	
	enumeration	ResolvingProblems	
	enumeration	Rejected	
	enumeration	Closed	

simpleType **apptStatusType**

facets	Kind	Value	Annotation
	enumeration	Open	
	enumeration	Closed	
	enumeration	No Show	
	enumeration	Unscheduled	
	enumeration	Rejected	

simpleType **apptTypeType**

facets	Kind	Value	Annotation
	enumeration	Pallet	
	enumeration	DropAndPick	
	enumeration	Speedline	
	enumeration	Bedload	

simpleType **barcodeRateType**

facets	Kind	Value	Annotation
--------	------	-------	------------

	enumeration	Y	
	enumeration	N	
	enumeration	O	

simpleType **billReasonCodeType**

facets	Kind	Value	Annotation
	enumeration	E	
	enumeration	F	
	enumeration	M	
	enumeration	N	

simpleType **bundleDetailLevelType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	
	enumeration	G	
	enumeration	H	
	enumeration	I	
	enumeration	J	
	enumeration	K	
	enumeration	L	
	enumeration	M	
	enumeration	N	
	enumeration	O	
	enumeration	P	
	enumeration	Q	
	enumeration	R	
	enumeration	S	
	enumeration	T	
	enumeration	U	
	enumeration	V	
	enumeration	W	
	enumeration	X	

simpleType **bundleRecordStatusType**

facets	Kind	Value	Annotation
	enumeration	O	
	enumeration	D	
	enumeration	I	
	enumeration	U	

simpleType **bundleStatusType**

facets	Kind	Value	Annotation
	enumeration		
	enumeration	C	

simpleType **canadaAdMailOnlyType**

facets	Kind	Value	Annotation
	enumeration	ST	
	enumeration	LG	

simpleType **cccLevelType**

facets	Kind	Value	Annotation
	enumeration	3	
	enumeration	5	
	enumeration	A	
	enumeration	M	

simpleType **characteristicContentType**

facets	Kind	Value	Annotation
	enumeration	CT	
	enumeration	RR	
	enumeration	NF	
	enumeration	DC	
	enumeration	PS	
	enumeration	RT	
	enumeration	MI	
	enumeration	NP	
	enumeration	EM	
	enumeration	PM	
	enumeration	0X	
	enumeration	1X	
	enumeration	2X	
	enumeration	3X	
	enumeration	4X	
	enumeration	5X	
	enumeration	6X	
	enumeration	7X	
	enumeration	8X	
	enumeration	9X	

simpleType **characteristicFeeType**

facets	Kind	Value	Annotation
	enumeration	OS	
	enumeration	GS	
	enumeration	PP	
	enumeration	EM	
	enumeration	PM	

simpleType **characteristicIncentiveType**

facets	Kind	Value	Annotation
	enumeration	SS	
	enumeration	MT	
	enumeration	VV	
	enumeration	VP	
	enumeration	RE	
	enumeration	PI	
	enumeration	PP	
	enumeration	PS	
	enumeration	SB	
	enumeration	CT	
	enumeration	RR	
	enumeration	DC	
	enumeration	RT	
	enumeration	MI	
	enumeration	ME	
	enumeration	IV	
	enumeration	AD	
	enumeration	CP	
	enumeration	EM	
	enumeration	PM	
	enumeration	CO	
	enumeration	HD	

simpleType **classNotificationType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	F	
	enumeration	E	

simpleType **closeoutIrregularitiesType**

facets	Kind	Value	Annotation
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	DR	
	enumeration	G	
	enumeration	IA	
	enumeration	IM	
	enumeration	I	
	enumeration	IF	

	enumeration	L	
	enumeration	M	
	enumeration	MI	
	enumeration	NP	
	enumeration	O	
	enumeration	OW	
	enumeration	NM	
	enumeration	P	
	enumeration	VS	
	enumeration	CP	
	enumeration	CM	
	enumeration	SM	
	enumeration	AR	
	enumeration	IO	
	enumeration	MN	
	enumeration	MS	
	enumeration	MF	
	enumeration	MA	
	enumeration	NF	
	enumeration	IP	
	enumeration	PD	

simpleType closeoutResolutionType

facets	Kind	Value	Annotation
	enumeration	DCD	
	enumeration	DCO	
	enumeration	DRL	
	enumeration	INR	

simpleType communicationRoleType

facets	Kind	Value	Annotation
	enumeration	From	
	enumeration	To	
	enumeration	CC	

simpleType componentPeriodicalAdPercentStatusType

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	P	
	enumeration	F	
	enumeration	M	

simpleType componentWeightSourceType

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	C	
	enumeration	P	

	enumeration	L
--	-------------	---

simpleType **componentWeightStatusType**

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	P	
	enumeration	F	
	enumeration	M	

simpleType **consigneeContentIDType**simpleType **contactType**

facets	Kind	Value	Annotation
	enumeration	AccountManager	
	enumeration	Carrier	
	enumeration	CrossDock	
	enumeration	CustomerService	
	enumeration	HelpDesk	
	enumeration	DropShipCoordinator	
	enumeration	ApptCoordinator	
	enumeration	Plant	
	enumeration	InboundFreightCoordinator	
	enumeration	SalesOffice	
	enumeration	TruckDriver	
	enumeration	Warehouse	
	enumeration	Other	

simpleType **containerAcceptanceDateType**simpleType **containerGrossWeightType**simpleType **containerHeightSourceType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	E	

simpleType **containerHeightType**simpleType **containerLevelType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	
	enumeration	G	
	enumeration	H	
	enumeration	I	
	enumeration	J	
	enumeration	K	

enumeration	M
enumeration	N
enumeration	P
enumeration	Q
enumeration	R
enumeration	S
enumeration	T
enumeration	U
enumeration	V
enumeration	W
enumeration	X
enumeration	Y
enumeration	Z
enumeration	AA
enumeration	AB
enumeration	AC
enumeration	AD
enumeration	AE
enumeration	AF
enumeration	AG
enumeration	AH
enumeration	AI
enumeration	AJ
enumeration	AK
enumeration	AL
enumeration	AM
enumeration	AN
enumeration	AO
enumeration	AP
enumeration	AQ
enumeration	AR
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enumeration	AT
enumeration	BA
enumeration	BB
enumeration	BC
enumeration	BD
enumeration	BE
enumeration	BF
enumeration	BG
enumeration	BH
enumeration	BI
enumeration	BJ
enumeration	BK
enumeration	BL

	enumeration	BM	
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simpleType **containerPickupDateType**
 simpleType **containerPickupTimeType**
 simpleType **containerShipDateType**
 simpleType **containerShipTimeType**
 simpleType **CQTdatabaseIDType**
 simpleType **cRIDStatusType**

facets	Kind	Value	Annotation
	enumeration	New	
	enumeration	Existing	

simpleType **CRIDType**
 simpleType **databaseContainerIDType**
 simpleType **dayFrequencyType**

facets	Kind	Value	Annotation
	enumeration	Daily	
	enumeration	Monday	
	enumeration	Tuesday	
	enumeration	Wednesday	
	enumeration	Thursday	
	enumeration	Friday	
	enumeration	Saturday	
	enumeration	Sunday	

simpleType **daysOfWeekType**

facets	Kind	Value	Annotation
	enumeration	MON	
	enumeration	TUE	
	enumeration	WED	
	enumeration	THU	
	enumeration	FRI	
	enumeration	SAT	
	enumeration	SUN	
	enumeration	MF	
	enumeration	MS	
	enumeration	ALL	
	enumeration	H	

simpleType **dec18-8**
 simpleType **deliveryPointZIP**
 simpleType **electronicFileType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	

	enumeration	C	
--	-------------	---	--

simpleType **emailType**simpleType **enclosedByType**

facets	Kind	Value	Annotation
	enumeration	SM	
	enumeration	BP	
	enumeration	PE	
	enumeration	PP	
	enumeration	ML	

simpleType **entryDiscountType**

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	B	
	enumeration	S	
	enumeration	D	
	enumeration	A	

simpleType **entryFacilityType**

facets	Kind	Value	Annotation
	enumeration	O	
	enumeration	B	
	enumeration	S	
	enumeration	D	
	enumeration	A	
	enumeration	W	
	enumeration	H	
	enumeration	R	

simpleType **entryPointADLocaleKeyType**simpleType **entryPointADPostalCodeType**simpleType **entryPointEDFacilityTypeType**simpleType **entryPointEDPostalCodeType**simpleType **es3**simpleType **es4**simpleType **es5**simpleType **exemptionCodeType**

facets	Kind	Value	Annotation
	enumeration	APO	
	enumeration	APS	
	enumeration	CAPC	
	enumeration	DUE	
	enumeration	HC	

simpleType **fASTSchedulerIDType**simpleType **feeNotificationType**

facets	Kind	Value	Annotation
	enumeration	E	

	enumeration	1	
	enumeration	2	
	enumeration	3	

simpleType flatRateIndicatorType

facets	Kind	Value	Annotation
	enumeration	B	
	enumeration	E	
	enumeration	L	
	enumeration	M	
	enumeration	O	
	enumeration	P	
	enumeration	S	

simpleType formType

facets	Kind	Value	Annotation
	enumeration	PM	
	enumeration	FC	
	enumeration	SM	
	enumeration	BP	
	enumeration	PE	
	enumeration	PP	
	enumeration	ML	
	enumeration	IM	
	enumeration	PS	

simpleType gPSSystemType

facets	Kind	Value	Annotation
	enumeration	ECEF	
	enumeration	HAE	
	enumeration	MSL	

simpleType IDType

facets	Kind	Value	Annotation
	enumeration	DriversLicense	
	enumeration	EmployeeID	

simpleType iMBarcodeIDType**simpleType iMBLowerSerializationType****simpleType iMBSerialNumber6Type****simpleType iMBSerialNumber9Type****simpleType iMBType****simpleType iMBUpperSerializationType****simpleType IMcbType****simpleType IMpbType****simpleType IMtbType****simpleType includedInOtherDocType**

facets	Kind	Value	Annotation
	enumeration	L	

	enumeration	O	
	enumeration	I	

simpleType **inCountyOutCountyIndicatorType**

facets	Kind	Value	Annotation
	enumeration	I	
	enumeration	N	

simpleType **inductionStatusType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	N	

simpleType **internalDateType**simpleType **internationalPriceGroupType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	

simpleType **jobIDType**simpleType **localeKeyType**simpleType **logicalPhysicalBundleIndicatorType**

facets	Kind	Value	Annotation
	enumeration	P	
	enumeration	L	

simpleType **logicalPhysicalContainerIndicatorType**

facets	Kind	Value	Annotation
	enumeration	P	
	enumeration	L	

simpleType **mailAgreementTypeType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	

	enumeration	C	
	enumeration	D	
	enumeration	E	
	enumeration	F	

simpleType **mailClassType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

simpleType **maildatContainerStatusType**

facets	Kind	Value	Annotation
	enumeration	R	
	enumeration	X	
	enumeration	C	
	enumeration	D	
	enumeration	P	
	enumeration	T	

simpleType **mailerID6Type**simpleType **mailerID9Type**simpleType **mailXMLContainerType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	

	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	

simpleType mailXMLPresentationCategoryType

facets	Kind	Value	Annotation
	enumeration	M	
	enumeration	P	
	enumeration	I	
	enumeration	N	
	enumeration	S	
	enumeration	C	
	enumeration	E	

simpleType marketingOrFulfillmentType

facets	Kind	Value	Annotation
	enumeration	Marketing	
	enumeration	NotMarketingParcels	
	enumeration	SampleLarge	
	enumeration	SampleSmall	

simpleType meteredAffixedMethodType

facets	Kind	Value	Annotation
	enumeration	C	
	enumeration	L	
	enumeration	M	

simpleType mIDStatusType

facets	Kind	Value	Annotation
	enumeration	New	
	enumeration	Existing	

simpleType mlocrRateType

facets	Kind	Value	Annotation
	enumeration	N	

	enumeration	R
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simpleType **monthType**simpleType **moveUpdateMethodType**

facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	

simpleType **MPUIDType**simpleType **n01**

used by	simpleType additionalInHomeRangeType
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simpleType **n02**simpleType **n03**

used by	simpleType containerHeightType
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simpleType **n05**simpleType **n06**simpleType **ns01**simpleType **ns02**

used by	simpleType iMBarcodeIDType
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simpleType **ns03**

used by	simpleType ServiceTypeCodeType
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simpleType **ns04**simpleType **ns05**simpleType **ns06**

used by	simpleTypes iMSerialNumber6Type mailerID6Type
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simpleType **ns07**simpleType **ns09**

used by	simpleTypes iMSerialNumber9Type mailerID9Type
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simpleType **ns10**simpleType **ns11**simpleType **ns12**simpleType **ns14**simpleType **ns22**simpleType **ns34**simpleType **onePassPlannedOrActualFlagType**

facets	Kind	Value	Annotation
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	enumeration	A	
	enumeration	P	

simpleType **operatingModeType**

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	B	

simpleType **packageCountRangeType**simpleType **packageIDType**simpleType **packagingMethodType**

facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	

simpleType **palletHandlingUnitType**

facets	Kind	Value	Annotation
	enumeration	Airbox	
	enumeration	Sacks	
	enumeration	Bundles	
	enumeration	MixedLengthTrays	
	enumeration	1ft Tray	
	enumeration	2ft Tray	
	enumeration	EMM Tray	
	enumeration	Flat Tub	
	enumeration	Parcels	

simpleType **palletType**

facets	Kind	Value	Annotation
	enumeration	Airbox	
	enumeration	Pallet	
	enumeration	EIRS 61 - Hamper, Large Canvas	
	enumeration	EIRS 61P - Hamper, Large Plastic	
	enumeration	EIRS 66 - General Purpose Mail Container w/Gate	
	enumeration	EIRS 68 - Eastern Region Mail Container w/Web Door	
	enumeration	EIRS 84 - Wire Container Rigid	
	enumeration	EIRS 84C - Collapsible Wire Container	

simpleType **parentContainerRefIDType**simpleType **percentageType**simpleType **permitTypeType**

facets	Kind	Value	Annotation
	enumeration	PI	
	enumeration	MT	
	enumeration	PC	
	enumeration	BR	
	enumeration	PE	

	enumeration	GH	
	enumeration	OI	
	enumeration	OM	
	enumeration	PP	
	enumeration	PA	

simpleType **phoneNumberType**simpleType **pickupOrDeliveryType**

facets	Kind	Value	Annotation
	enumeration	Pickup	
	enumeration	Delivery	

simpleType **planetCodeType**simpleType **postageGroupingIDType**simpleType **postagePaymentMethodType**

facets	Kind	Value	Annotation
	enumeration	S	
	enumeration	M	
	enumeration	P	

simpleType **postageStatementLineNumber1Type**

facets	Kind	Value	Annotation
	enumeration	E26	
	enumeration	E27	
	enumeration	E28	
	enumeration	E29	
	enumeration	E30	
	enumeration	E31	
	enumeration	E32	
	enumeration	E33	
	enumeration	E34	
	enumeration	E35	
	enumeration	E36	
	enumeration	E37	
	enumeration	E38	
	enumeration	E39	
	enumeration	E40	
	enumeration	E41	
	enumeration	E42	
	enumeration	E43	
	enumeration	E44	
	enumeration	E45	
	enumeration	E46	

simpleType **postageStatementLineNumber2Type**

facets	Kind	Value	Annotation
	enumeration	E1	

enumeration	E2
enumeration	E3
enumeration	E4
enumeration	E5
enumeration	E6
enumeration	E7
enumeration	E8
enumeration	E9
enumeration	E10
enumeration	E11
enumeration	E12
enumeration	E13
enumeration	E14
enumeration	E15
enumeration	E16
enumeration	E17
enumeration	E18
enumeration	E19
enumeration	E20
enumeration	E21
enumeration	E22
enumeration	E23
enumeration	E24

simpleType **postageStatementLineNumber3Type**

facets	Kind	Value	Annotation
	enumeration	D1	
	enumeration	D2	
	enumeration	D3	
	enumeration	D4	
	enumeration	D5	
	enumeration	D6	
	enumeration	D7	
	enumeration	D8	
	enumeration	D9	
	enumeration	D10	
	enumeration	D11	
	enumeration	D12	
	enumeration	D13	
	enumeration	D14	
	enumeration	D15	
	enumeration	D16	
	enumeration	D17	

simpleType **postageStatementStatusType**

facets	Kind	Value	Annotation
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enumeration	UPD
enumeration	FIN
enumeration	REW
enumeration	REV
enumeration	CAN
enumeration	FAI
enumeration	PEN
enumeration	PAS
enumeration	INC
enumeration	NAP
enumeration	EST
enumeration	CON
enumeration	ERR
enumeration	COM
enumeration	AVW
enumeration	PAV
enumeration	FPP

simpleType **priceIncentiveIDType**simpleType **processingCategoryType**

facets	Kind	Value	Annotation
	enumeration	LT	
	enumeration	FL	
	enumeration	CD	
	enumeration	OS	
	enumeration	MP	
	enumeration	IR	
	enumeration	PF	
	enumeration	CM	
	enumeration	NP	
	enumeration	SP	
	enumeration	MB	

simpleType **qualificationReportClassType**

facets	Kind	Value	Annotation
	enumeration	FC	
	enumeration	S	
	enumeration	P	
	enumeration	PM	
	enumeration	PP	
	enumeration	PS	
	enumeration	A	
	enumeration	TBD_1	
	enumeration	TBD_2	
	enumeration	TBD_3	

simpleType rateLevelIndicatorType

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	C	
	enumeration	M	
	enumeration	N	

simpleType rateLevelType

facets	Kind	Value	Annotation
	enumeration	SP	
	enumeration	5B	
	enumeration	3B	
	enumeration	AB	
	enumeration	PSRT	
	enumeration	5D	
	enumeration	3D	
	enumeration	NDC	
	enumeration	ONDC	
	enumeration	BP	
	enumeration	MP	
	enumeration	AD	
	enumeration	MD	
	enumeration	WS	
	enumeration	HD	
	enumeration	HDP	
	enumeration	CR	
	enumeration	MB	
	enumeration	FB	
	enumeration	BB	
	enumeration	SCF	
	enumeration	SD	
	enumeration	FS	
	enumeration	FF	
	enumeration	FC	
	enumeration	FN	

simpleType rateType

facets	Kind	Value	Annotation
	enumeration	R	
	enumeration	L	
	enumeration	B	
	enumeration	C	
	enumeration	S	
	enumeration	S1	
	enumeration	S2	

enumeration	S3
enumeration	S4
enumeration	S5
enumeration	S6
enumeration	S7
enumeration	F
enumeration	A
enumeration	N
enumeration	P
enumeration	T
enumeration	D
enumeration	X
enumeration	H
enumeration	M
enumeration	Z
enumeration	E
enumeration	E4
enumeration	G
enumeration	1
enumeration	2
enumeration	3
enumeration	4
enumeration	J
enumeration	K
enumeration	V
enumeration	W
enumeration	Y
enumeration	Q

simpleType **recurringStatusType**

facets	Kind	Value	Annotation
	enumeration	Active	
	enumeration	Pending	
	enumeration	All	

simpleType **reservationNumberType**simpleType **responsibleTransportationPartyType**

facets	Kind	Value	Annotation
	enumeration	Shipper	
	enumeration	Consignee	

simpleType **roleType**

facets	Kind	Value	Annotation
	enumeration	Data Update Agent	
	enumeration	Owner	
	enumeration	Confirm Subscriber	

enumeration	Confirm Data Receiver
enumeration	ACS Data Receiver
enumeration	ACS Subscriber
enumeration	List Owner
enumeration	Mail Creator
enumeration	Addressor
enumeration	Comail
enumeration	CoMingler
enumeration	MLOCR
enumeration	Mail Owner
enumeration	Mail Agent
enumeration	Entry Point Planner
enumeration	Shipment Planner
enumeration	Consolidator
enumeration	Secondary Consolidator
enumeration	Appointment Management Receiver
enumeration	Consignee/Product Receiver
enumeration	Dispatcher
enumeration	Tracker CONFIRM-scan
enumeration	Tracker CONFIRM-payer
enumeration	Tracker Seed Source
enumeration	Tracker Piece-level-scan
enumeration	Tracker ASN-scan
enumeration	Tracker Induction-scan
enumeration	Tracker Planet-code
enumeration	ACS receiver
enumeration	ACS payer
enumeration	Seamless Acceptance
enumeration	Seamless Verification
enumeration	Security
enumeration	Logistics Provider
enumeration	Carrier
enumeration	Data Brokering Agent
enumeration	Nixie
enumeration	StartTheClock
enumeration	ContainerVisibility
enumeration	DeliveryPointValidation

simpleType **RoutingZipCodeType**simpleType **s01**

used by	simpleTypes	electronicFileType entryPointEDFacilityType weekendHolidayIndexType weightUnitType
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simpleType **s02**

used by	simpleType	stopDesignatorType
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simpleType **s03**

simpleType **s04**

simpleType **s05**

used by	simpleTypes containerGrossWeightType totalWeightType transShipBoLNumberType
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simpleType **s06**

used by	simpleTypes entryPointEDPostalCodeType packageIDType parentContainerRefIDType
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simpleType **s07**

simpleType **s08**

used by	simpleType postageGroupingIDType
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simpleType **s09**

used by	simpleTypes consigneeContentIDType entryPointADLocaleKeyType entryPointADPostalCodeType localeKeyType
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simpleType **s10**

used by	simpleTypes priceIncentiveIDType truckDispatchNumberType
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simpleType **s1000**

simpleType **s11**

simpleType **s12**

used by	simpleType fASTSchedulerIDType
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simpleType **s14**

simpleType **s15**

used by	simpleType reservationNumberType
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simpleType **s16**

simpleType **s18**

used by	simpleTypes iMBLowerSerializationType iMBUpperSerializationType
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simpleType **s19**
 simpleType **s20**
 simpleType **s200**
 simpleType **s22**
 simpleType **s24**
 simpleType **s25**
 simpleType **s256**
 simpleType **s26**
 simpleType **s260**
 simpleType **s28**
 simpleType **s30**
 simpleType **s31**
 simpleType **s32**
 simpleType **s34**
 simpleType **s35**
 simpleType **s37**
 simpleType **s40**

used by	simpleTypes	userInformationLine1Type userInformationLine2Type
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simpleType **s45**
 simpleType **s48**
 simpleType **s50**
 simpleType **s500**
 simpleType **s60**
 simpleType **s64**
 simpleType **s66**
 simpleType **s80**
 simpleType **s96**
 simpleType **sackingBasisType**

facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	

simpleType **sAZCaps**
 simpleType **scheduledInductionDateType**
 simpleType **scheduledInductionTimeType**
 simpleType **scheduledInHomeDateType**
 simpleType **serialNumberSevenOrEleven**
 simpleType **serialNumberTenOrFourteen**
 simpleType **serviceCodeType**

facets	Kind	Value	Annotation
	enumeration	CM	
	enumeration	COD	
	enumeration	CODE	
	enumeration	COM	
	enumeration	DC	
	enumeration	IM	
	enumeration	PAL	

	enumeration	RM	
	enumeration	RRE	
	enumeration	SC	
	enumeration	SH	
	enumeration	AS	
	enumeration	RAS	
	enumeration	DCD	
	enumeration	CBM	
	enumeration	NP	
	enumeration	AA	
	enumeration	DP	
	enumeration	HZ	
	enumeration	PR	
	enumeration	PP	
	enumeration	CA	
	enumeration	CD	
	enumeration	C2	
	enumeration	J2	
	enumeration	IR	
	enumeration	R2	
	enumeration	SC2	
	enumeration	RRM	
	enumeration	RR	

simpleType **serviceLevelIndicatorType**

facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

simpleType **serviceSubCodeType**

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	E	
	enumeration	R	
	enumeration	T	
	enumeration	B	

simpleType **ServiceTypeCodeType**simpleType **severityType**

facets	Kind	Value	Annotation
	enumeration	Error	
	enumeration	Warning	
	enumeration	Information	

simpleType **simplifiedAddressType**

facets	Kind	Value	Annotation
	enumeration	M	
	enumeration	R	
	enumeration	B	
	enumeration	Y	
	enumeration	N	

simpleType **sortationLevelType**

facets	Kind	Value	Annotation
	enumeration	CRD	
	enumeration	5DG	
	enumeration	CR5	
	enumeration	5DGS	
	enumeration	CR5S	
	enumeration	M5D	
	enumeration	M5DS	
	enumeration	MET	
	enumeration	3DG	
	enumeration	CR3	
	enumeration	3DGS	
	enumeration	ADC	
	enumeration	AADC	
	enumeration	MADC	
	enumeration	MAAD	
	enumeration	SCF	
	enumeration	PSCF	
	enumeration	NDC	
	enumeration	PNDC	
	enumeration	MNDC	
	enumeration	ASF	
	enumeration	OMX	
	enumeration	PADC	
	enumeration	MRDC	
	enumeration	SP	
	enumeration	MXDS	
	enumeration	MXDA	
	enumeration	WORKING	
	enumeration	SINGLEPIECE	
	enumeration	SURFACE	
	enumeration	AIR	
	enumeration	LOCAL	

simpleType **standardFlatTypeType**

facets	Kind	Value	Annotation
	enumeration	Catalog	

	enumeration	NotCatalog
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simpleType **standardParcelType**

facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	M	
	enumeration	L	
	enumeration	S	

simpleType **stateCode**

facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	enumeration	AR	
	enumeration	CA	
	enumeration	CO	
	enumeration	CT	
	enumeration	DE	
	enumeration	DC	
	enumeration	FM	
	enumeration	FL	
	enumeration	GA	
	enumeration	GU	
	enumeration	HI	
	enumeration	IL	
	enumeration	IN	
	enumeration	IA	
	enumeration	ID	
	enumeration	KS	
	enumeration	KY	
	enumeration	LA	
	enumeration	MH	
	enumeration	MD	
	enumeration	MA	
	enumeration	ME	
	enumeration	MO	
	enumeration	MI	
	enumeration	MN	
	enumeration	MS	
	enumeration	MT	
	enumeration	NE	

	enumeration	NH
	enumeration	NV
	enumeration	NJ
	enumeration	NM
	enumeration	NY
	enumeration	NC
	enumeration	ND
	enumeration	MP
	enumeration	OH
	enumeration	OR
	enumeration	OK
	enumeration	PW
	enumeration	PA
	enumeration	PR
	enumeration	RI
	enumeration	SC
	enumeration	SD
	enumeration	TN
	enumeration	TX
	enumeration	UT
	enumeration	VT
	enumeration	VI
	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY

simpleType **statusType**

facets	Kind	Value	Annotation
	enumeration	Accepted	
	enumeration	Amended	
	enumeration	Cancelled	
	enumeration	Counterproposal	
	enumeration	New	
	enumeration	NoAction	
	enumeration	Original	
	enumeration	PartiallyAccepted	
	enumeration	Pending	
	enumeration	Rejected	
	enumeration	Replaced	

simpleType **stopDesignatorType**simpleType **surchargeType**

facets	Kind	Value	Annotation
	enumeration	2	

	enumeration	A	
	enumeration	D	
	enumeration	N	
	enumeration	P	
	enumeration	E	
	enumeration	R	
	enumeration	L	

simpleType **totalWeightType**simpleType **trailerLengthType**

facets	Kind	Value	Annotation
	enumeration	20ft	
	enumeration	40ft	
	enumeration	45ft	
	enumeration	48ft	
	enumeration	53ft	
	enumeration	53ft	

simpleType **transportationMethodType**

facets	Kind	Value	Annotation
	enumeration	USPS	
	enumeration	Mailer	

simpleType **transportationModeType**

facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	9	

simpleType **transShipBoLNumberType**simpleType **trayDistLabelType**simpleType **trayType**

facets	Kind	Value	Annotation
	enumeration	MixedLengthTrays	
	enumeration	1ft Tray	
	enumeration	2ft Tray	
	enumeration	EMM Tray	
	enumeration	Flat Tub	

simpleType **trayTypeIndicatorType**

facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	M	
	enumeration	E	
	enumeration	H	
	enumeration	U	

simpleType **truckDispatchNumberType**simpleType **uniqueContainerIDType**simpleType **unitLoadType**

facets	Kind	Value	Annotation
	enumeration	CrossDockPallets	
	enumeration	WorkingPallets	
	enumeration	Trailers	

simpleType **uOMType**

facets	Kind	Value	Annotation
	enumeration	AirDryMetricTonne	
	enumeration	AirDryPercent	
	enumeration	AirDryShortTon	
	enumeration	Bale	
	enumeration	BoardFoot	
	enumeration	BookUnit	
	enumeration	Box	
	enumeration	Bundle	
	enumeration	C-Size	
	enumeration	Centimeter	
	enumeration	Cord	
	enumeration	CubicFoot	
	enumeration	CubicMeter	
	enumeration	Cubit	
	enumeration	Day	
	enumeration	DotsPerInch	
	enumeration	Foot	
	enumeration	Gallon	
	enumeration	Gram	
	enumeration	GramsPerSquareMeter	
	enumeration	Hour	
	enumeration	HundredBoardFeet	
	enumeration	HundredLinealFeet	
	enumeration	HundredPound	
	enumeration	HundredSquareFeet	
	enumeration	Inch	
	enumeration	Kilogram	
	enumeration	KilogramsPerDay	
	enumeration	KilogramsPerWeek	
	enumeration	KnownBreaks	
	enumeration	Layer	
	enumeration	Leaves	
	enumeration	LinearFoot	
	enumeration	LinesPerInch	
	enumeration	Load	

enumeration	MagazineUnit
enumeration	Megabyte
enumeration	Meter
enumeration	MetricTon
enumeration	MetricTonsPerDay
enumeration	MetricTonsPerWeek
enumeration	Micron
enumeration	Millimeter
enumeration	Minute
enumeration	Month
enumeration	None
enumeration	Package
enumeration	Page
enumeration	PagesPerInch
enumeration	PalletUnit
enumeration	Percentage
enumeration	PerThousand
enumeration	Picas
enumeration	Piece
enumeration	PixelsPerInch
enumeration	Pound
enumeration	PoundsPerDay
enumeration	PoundsPerHour
enumeration	PoundsPerWeek
enumeration	PulpUnit
enumeration	Ream
enumeration	Reel
enumeration	Set
enumeration	Sheet
enumeration	ShortTon
enumeration	ShortTonsPerDay
enumeration	ShortTonsPerHour
enumeration	ShortTonsPerWeek
enumeration	Signature
enumeration	Skid
enumeration	SquareInch
enumeration	SquareFeet
enumeration	SquareMeter
enumeration	ThousandBoardFeet
enumeration	ThousandLinealFeet
enumeration	ThousandPieces
enumeration	ThousandSquareCentimeters
enumeration	ThousandSquareFeet
enumeration	ThousandSquareInch
enumeration	Ton

	enumeration	TonsPerHour	
	enumeration	Unit	
	enumeration	UnknownBreaks	
	enumeration	Week	
	enumeration	Yard	

simpleType **userInformationLine1Type**simpleType **userInformationLine2Type**simpleType **userLicenseCodeType**simpleType **uspsPackageUniqueCharacteristicType**simpleType **uspsPickupType**

facets	Kind	Value	Annotation
	enumeration	Y	
	enumeration	N	

simpleType **wastedPieceIndicatorType**

facets	Kind	Value	Annotation
	enumeration	W	
	enumeration	S	
	enumeration	X	
	enumeration	T	

simpleType **weekendHolidayIndexType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	E	
	enumeration	F	
	enumeration	G	
	enumeration	P	

simpleType **weekFrequencyType**

facets	Kind	Value	Annotation
	enumeration	Weekly	
	enumeration	Bi-Weekly	
	enumeration	First	
	enumeration	Second	
	enumeration	Third	
	enumeration	Fourth	
	enumeration	Fifth	

	enumeration	Sixth
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simpleType **weightBreakType**

facets	Kind	Value	Annotation
	enumeration	A	
	enumeration	B	
	enumeration	H	
	enumeration	N	

simpleType **weightUnitType**

facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	

simpleType **yesNo**

facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

simpleType **zipCodeFiveOrNineDigit**simpleType **zipCodeThreeOrFiveDigit**simpleType **zoneICType**

facets	Kind	Value	Annotation
	enumeration	N	
	enumeration	M	
	enumeration	LC	
	enumeration	1	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	DDU	
	enumeration	SCF	
	enumeration	ADC	