

Mail.XML Version 24.0

System Messages 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.

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About Mail.XML™

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 Mail.XML Version 24.0?

With this release, the Mail.XML Messaging Protocol moves to Version 24.0. In addition to minor cleanup, this release supports new elements for Informed Delivery and Informed Platform.

Changes supported by Mail.XML 24.0 include:

- Modify summaryRecordUpdateType (called by ContainerUpdateRequest) increasing the length to 20 for the TruckDispatchNumber and TruckAndDispatchNumber elements
- Modify serviceCodeType removing “RRM” enumeration value for Return Receipt for Merchandise extra service that has already been discontinued
- Changing copyrights and namespaces to reference DTAC, as DTAC is now the owner of the Mail.XML Specification
- Add new USPSCampaignID element to the CampaignData block in order to identify a campaign that originated outside of eDoc

- Add two new elements, InformedAddressIndicator and InformedAddressExpDate, to the QualificationReportSummary (qualificationReportSummaryDataType) to support Informed Address functionality
- Modify ExtraServiceIMPPackageBarcode (in mailPieceBlockType), changing type to intelligentMailPackageBarcodeType, instead of ns34 type
- Modify rateCategoryType adding new enumeration to support Plus One as a permanent product

About Mail.XML 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.

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML 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://delivery-tech.org/Specs/mailxml24.0/mailxml"
targetNamespace="http://delivery-tech.org/Specs/mailxml24.0/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://delivery-tech.org/Specs/mailxml24.0A/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_24.0A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0B/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_24.0B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_24.0.xsd' <- Major Version

Mail.XML 24.0 XSD Modules:

The following Mail.XML XSD modules/namespaces are used:

Note: Actual xsd filenames include the version number (e.g. *mailxml_base_24.0.xsd*).

- 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 Mail.XML. These can be considered a building block for any message group.
Namespace=mailxml_base:
- mailxml.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=mailxml:

The Mail.XML™ 24 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 23.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 24.0: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 24.0: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 24.0: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 24.0: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 24.0: Identification Messaging Specification documents all identification messages
- Mail.XML™ 24.0: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 24.0: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 24.0: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 24.0: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 24.0: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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1 Index

schema location: [..\\XSDs\\mailxml_id_24.0.xsd](#)
attribute form default: qualified
element form default: qualified
targetNamespace: http://delivery-tech.org/Specs/mailxml24.0/mailxml_id

Elements

[CastofCharactersCancelRequest](#)
[CastofCharactersCancelResponse](#)
[CastofCharactersCreateRequest](#)
[CastofCharactersCreateResponse](#)
[CastofCharactersUpdateRequest](#)
[CastofCharactersUpdateResponse](#)
[CustomerRelationIdentifyQueryRequest](#)
[CustomerRelationIdentifyQueryResponse](#)
[CustomerRelationIdentifyUpdateRequest](#)
[CustomerRelationIdentifyUpdateResponse](#)
[IncentiveEnrollmentCreateRequest](#)
[IncentiveEnrollmentCreateResponse](#)
[USPSCRIDCreateValidateRequest](#)
[USPSCRIDCreateValidateResponse](#)
[USPSMIDCreateValidateRequest](#)
[USPSMIDCreateValidateResponse](#)

Complex types

[CofCCreateAcceptType](#)
[CofCCreateRejectType](#)
[cridCreateResponseType](#)
[CRIDEntryType](#)
[cridQueryResponseType](#)
[cRIDsRequestedType](#)
[cridValidateResponseType](#)
[customerIdentityType](#)
[groupContainerIDType](#)
[IncentiveEnrollmentEntryType](#)
[legalAcknowledgementBlockCRIDType](#)
[legalAcknowledgementBlockMIDType](#)
[legalAcknowledgementBlockMSPSType](#)
[mailPieceGroupCreateType](#)
[mailPieceGroupResponseType](#)
[midCreateResponseType](#)
[midEntryType](#)
[midQueryResponseType](#)
[midValidateResponseType](#)

Simple types

[MIDorCRIDRequestType](#)

2 Elements

element CastofCharactersCancelRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:Participant mailxml_id:Role mailxml_id:UserLicenseCode mailxml_id:MaildatJobID mailxml_id:CustomerGroupID mailxml_id:MailingGroupID mailxml_id:MailPieceGroup mailxml_id:ContainerGroup mailxml_id:EffectiveDate mailxml_id:ExpirationDate mailxml_id:Duration mailxml_id:DurationUnitofMeasure
annotation	<p>documentation</p> <p>Message requesting the cancellation of unique identification the various roles for parties within the industry for a list to enable information access and sharing between USPS and multiple mailers.</p>

element CastofCharactersCancelResponse

diagram	<pre> classDiagram class CastofCharactersCancelResponse { <<mailxml_id:TrackingID>> <<mailxml_id:SubmitterTrackingID>> <<mailxml_id:CastofCharactersCancelAccept>> <<mailxml_id:CastofCharactersCancelReject>> } CastofCharactersCancelResponse < -- TrackingID CastofCharactersCancelResponse < -- SubmitterTrackingID CastofCharactersCancelResponse *--> CastofCharactersCancelAccept CastofCharactersCancelResponse *--> CastofCharactersCancelReject </pre> <p>Response to a message requesting the cancellation of unique identification the various roles for parties within the industry.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:CastofCharactersCancelAccept mailxml_id:CastofCharactersCancelReject
annotation	<p>documentation</p> <p>Response to a message requesting the cancellation of unique identification the various roles for parties within the industry.</p>

element CastofCharactersCreateRequest

diagram	<pre> classDiagram class CastofCharactersCreateRequest { <<grp mailxml_defs:MailXMLHea... <<mailxml_defs:CustomerGroupID>> <<mailxml_defs:MailingGroupID>> <<mailxml_defs:MaildatJobID>> <<mailxml_defs:UserLicenseCode>> <<mailxml_id:SubmittingParty>> <<mailxml_id:SubmittingSoftware>> <<mailxml_id:SubmitterTrackingID>> <<mailxml_id:Participant>> <<mailxml_id:Role>> <<mailxml_id:UserLicenseCode>> <<mailxml_id:MaildatJobID>> <<mailxml_id:CustomerGroupID>> <<mailxml_id:MailingGroupID>> <<mailxml_id:MailPieceGroup>> <<mailxml_id:ContainerGroup>> <<mailxml_id:EffectiveDate>> <<mailxml_id:ExpirationDate>> <<mailxml_id:Duration>> <<mailxml_id:DurationUnitofMeasure...>> } CastofCharactersCreateRequest < -- grp:MailXMLHea... CastofCharactersCreateRequest < -- mailxml_defs:CustomerGroupID CastofCharactersCreateRequest < -- mailxml_defs:MailingGroupID CastofCharactersCreateRequest < -- mailxml_defs:MaildatJobID CastofCharactersCreateRequest < -- mailxml_defs:UserLicenseCode CastofCharactersCreateRequest *--> mailxml_id:SubmittingParty CastofCharactersCreateRequest *--> mailxml_id:SubmittingSoftware CastofCharactersCreateRequest *--> mailxml_id:SubmitterTrackingID CastofCharactersCreateRequest *--> mailxml_id:Participant CastofCharactersCreateRequest *--> mailxml_id:Role CastofCharactersCreateRequest *--> mailxml_id:UserLicenseCode CastofCharactersCreateRequest *--> mailxml_id:MaildatJobID CastofCharactersCreateRequest *--> mailxml_id:CustomerGroupID CastofCharactersCreateRequest *--> mailxml_id:MailingGroupID CastofCharactersCreateRequest *--> mailxml_id:MailPieceGroup CastofCharactersCreateRequest *--> mailxml_id:ContainerGroup CastofCharactersCreateRequest *--> mailxml_id:EffectiveDate CastofCharactersCreateRequest *--> mailxml_id:ExpirationDate CastofCharactersCreateRequest *--> mailxml_id:Duration CastofCharactersCreateRequest *--> mailxml_id:DurationUnitofMeasure... </pre> <p>Message requesting the creation of unique identification the various roles for parties within the industry for a list to enable information access and sharing between USPS and multiple mailers.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id

children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:Participant mailxml_id:Role mailxml_id:UserLicenseCode mailxml_id:MaildatJobID mailxml_id:CustomerGroupID mailxml_id:MailingGroupID mailxml_id:MailPieceGroup mailxml_id:ContainerGroup mailxml_id:EffectiveDate mailxml_id:ExpirationDate mailxml_id:Duration mailxml_id:DurationUnitofMeasure
annotation	documentation Message requesting the creation of unique identification the various roles for parties within the industry for a list to enable information access and sharing between USPS and multiple mailers.

element CastofCharactersCreateResponse

diagram	<pre> classDiagram class CastofCharactersCreateRespo { type } type mailxml_id:TrackingID type mailxml_id:SubmitterTrackingID type mailxml_id:CastofCharactersCr... type mailxml_id:CastofCharactersCr... mailxml_id:TrackingID < --> type mailxml_id:SubmitterTrackingID < --> type mailxml_id:CastofCharactersCr... < --> type mailxml_id:CastofCharactersCr... < --> type type < --> mailxml_id:CofCCreateAcceptType type < --> mailxml_id:CofCCreateRejectType </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:CastofCharactersCreateAccept mailxml_id:CastofCharactersCreateReject
annotation	documentation Response to a message requesting the creation of unique identification the various roles for parties within the industry.

element CastofCharactersUpdateRequest

diagram	<pre> classDiagram class CastofCharactersUpdateRequest { <<Message requesting an update to unique identification the various roles for parties within the industry for a list to enable information access and sharing between USPS and multiple mailers.>> } class mailxml_id_SubmittingParty class mailxml_id_SubmittingSoftware class mailxml_id_SubmitterTrackingID class mailxml_id_Participant class mailxml_id_Role class mailxml_id_UserLicenseCode class mailxml_id_MaildatJobID class mailxml_id_CustomerGroupID class mailxml_id_MailingGroupID class mailxml_id_MailPieceGroup class mailxml_id_ContainerGroup class mailxml_id_EffectiveDate class mailxml_id_ExpirationDate class mailxml_id_Duration class mailxml_id_DurationUnitofMeasure CastofCharactersUpdateRequest "1..>" mailxml_id_SubmittingParty CastofCharactersUpdateRequest "1..>" mailxml_id_SubmittingSoftware CastofCharactersUpdateRequest "1..>" mailxml_id_SubmitterTrackingID CastofCharactersUpdateRequest "1..>" mailxml_id_Participant CastofCharactersUpdateRequest "1..>" mailxml_id_Role CastofCharactersUpdateRequest "1..>" mailxml_id_UserLicenseCode CastofCharactersUpdateRequest "1..>" mailxml_id_MaildatJobID CastofCharactersUpdateRequest "1..>" mailxml_id_CustomerGroupID CastofCharactersUpdateRequest "1..>" mailxml_id_MailingGroupID CastofCharactersUpdateRequest "1..>" mailxml_id_MailPieceGroup CastofCharactersUpdateRequest "1..>" mailxml_id_ContainerGroup CastofCharactersUpdateRequest "1..>" mailxml_id_EffectiveDate CastofCharactersUpdateRequest "1..>" mailxml_id_ExpirationDate CastofCharactersUpdateRequest "1..>" mailxml_id_Duration CastofCharactersUpdateRequest "1..>" mailxml_id_DurationUnitofMeasure </pre> <p>The diagram illustrates the structure of the CastofCharactersUpdateRequest message. It starts with a main element 'CastofCharactersUpdateRequest' which has several attributes defined under the 'mailxml_id' namespace. These attributes include 'SubmittingParty', 'SubmittingSoftware', 'SubmitterTrackingID', 'Participant', 'Role', 'UserLicenseCode', 'MaildatJobID', 'CustomerGroupID', 'MailingGroupID', 'MailPieceGroup', 'ContainerGroup', 'EffectiveDate', 'ExpirationDate', 'Duration', and 'DurationUnitofMeasure'. The 'Role' attribute is associated with the 'UserLicenseCode', 'MaildatJobID', 'CustomerGroupID', and 'MailingGroupID' attributes.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:Participant mailxml_id:Role mailxml_id:UserLicenseCode mailxml_id:MaildatJobID mailxml_id:CustomerGroupID mailxml_id:MailingGroupID mailxml_id:MailPieceGroup mailxml_id:ContainerGroup mailxml_id:EffectiveDate mailxml_id:ExpirationDate mailxml_id:Duration mailxml_id:DurationUnitofMeasure
annotation	<p>documentation</p> <p>Message requesting an update to unique identification the various roles for parties within the industry for a list to enable information access and sharing between USPS and multiple mailers.</p>

element CastofCharactersUpdateResponse

diagram	<pre> classDiagram class CastofCharactersUpdateResponse { <<Response to a message requesting an update to unique identification the various roles for parties within the industry.>> } class mailxml_id_TrackingID class mailxml_id_SubmitterTrackingID class mailxml_id_CastofCharactersU... class mailxml_id_CastofCharactersU... CastofCharactersUpdateResponse "1..>" mailxml_id_TrackingID CastofCharactersUpdateResponse "1..>" mailxml_id_SubmitterTrackingID CastofCharactersUpdateResponse "1..>" mailxml_id_CastofCharactersU... CastofCharactersUpdateResponse "1..>" mailxml_id_CastofCharactersU... </pre> <p>The diagram illustrates the structure of the CastofCharactersUpdateResponse message. It starts with a main element 'CastofCharactersUpdateResponse' which has several attributes defined under the 'mailxml_id' namespace. These attributes include 'TrackingID', 'SubmitterTrackingID', and two instances of 'CastofCharactersU...'.</p>
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namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:CastofCharactersUpdateAccept mailxml_id:CastofCharactersUpdateReject
annotation	documentation Response to a message requesting an update to unique identification the various roles for parties within the industry.

element **CustomerRelationIdentifyQueryRequest**

diagram	<p>The diagram illustrates the structure of the CustomerRelationIdentifyQueryRequest element. It consists of a main class box labeled "CustomerRelationIdentifyQuer..." with a note "Query request for mail piece customer identifiers." This class has an association with a "grp mailxml_id:CRQueryReque..." group box. The group box contains several attributes: "mailxml_id:MaildatJobID", "mailxml_id:MPUID", "mailxml_id:SegmentID", and "mailxml_id:ComponentID". Below the group box, there is a dashed box labeled "mailxml_id:SubmittingParty" with a note "type mailxml_defs:participantIDType". This is associated with another dashed box labeled "mailxml_id:SubmittingSoftware" with a note "type mailxml_defs:submittingSoftwa...". A third dashed box labeled "mailxml_id:SubmitterTrackingID" with a note "type mailxml_base:s20" is also shown.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID
annotation	documentation Query request for mail piece customer identifiers.

element **CustomerRelationIdentifyQueryResponse**

diagram	<p>The diagram illustrates the structure of the CustomerRelationIdentifyQueryResponse element. It consists of a main class box labeled "CustomerRelationIdentifyQuer..." with a note "Response to the Query request for mail piece customer identifiers." This class has an association with a "grp mailxml_id:CRQueryRespo..." group box. The group box contains attributes: "mailxml_id:MaildatJobID", "mailxml_id:MPUID", "mailxml_id:SegmentID", and "mailxml_id:ComponentID". Below the group box, there is a dashed box labeled "mailxml_id:TrackingID" with a note "type mailxml_base:s20". Another dashed box labeled "mailxml_id:SubmitterTrackingID" with a note "type mailxml_base:s20" is also shown. A third dashed box labeled "mailxml_id:QueryResults" with a note "type" is present. A fourth dashed box labeled "mailxml_defs:QueryError" with a note "type" is also present.</p>
---------	--

namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Query request for mail piece customer identifiers.

element **CustomerRelationIdentifyUpdateRequest**

diagram	<p>Request to update mail piece customer information.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:UpdateCustomerInfo
annotation	documentation Request to update mail piece customer information.

element **CustomerRelationIdentifyUpdateResponse**

diagram	<p>Response for the update request for mail piece customer information.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:CustomerRelationIdentifyUpdateAccept mailxml_id:CustomerRelationIdentifyUpdateReject
annotation	documentation Response for the update request for mail piece customer information.

element IncentiveEnrollmentCreateRequest

diagram	<pre> sequenceDiagram participant IE as IncentiveEnrollmentCreateReq... participant SP as SubmittingParty participant SS as SubmittingSoftware participant ST as SubmitterTrackingID IE->>SP: IE->>SS: IE->>ST: activate SP SP->>IE: activate ST ST->>IE: deactivate ST deactivate SP </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:MSPIIndicator mailxml_id:IncentiveEnrollmentEntry mailxml_id:Incentive
annotation	documentation Request to USPS to create Incentive Enrollment information.

element IncentiveEnrollmentCreateResponse

diagram	<pre> sequenceDiagram participant IE as IncentiveEnrollmentCreateRes... participant T as TrackingID participant ST as SubmitterTrackingID participant MI as MSPIIndicator IE->>T: IE->>ST: IE->>MI: activate ST ST->>IE: deactivate ST </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:MSPIIndicator mailxml_id:SubmitterCRID mailxml_id:IncentiveEnrollmentCreateAccept mailxml_id:IncentiveEnrollmentCreateReject
annotation	documentation Response to a request to USPS to create Incentive Enrollment information.

element USPSCRIDCreateValidateRequest	
diagram	<pre> classDiagram class USPSCRIDCreateValidateRequest { type } class SubmittingParty { mailxml_id:SubmittingParty type mailxml_defs:participantIDType } class SubmittingSoftware { mailxml_id:SubmittingSoftware type mailxml_defs:submittingSoftwareType } class SubmitterTrackingID { mailxml_id:SubmitterTrackingID type mailxml_base:s20 } class CRIDRequestType { mailxml_id:CRIDRequestType type mailxml_id:MidOrCRIDRequestType } class CRIDEntry { mailxml_id:CRIDEntry type mailxml_id:CRIDEntryType } USPSCRIDCreateValidateRequest "1..0" --> SubmittingParty USPSCRIDCreateValidateRequest "1..0" --> SubmittingSoftware USPSCRIDCreateValidateRequest "1..0" --> SubmitterTrackingID USPSCRIDCreateValidateRequest "1..0" --> CRIDRequestType USPSCRIDCreateValidateRequest "1..0" --> CRIDEntry </pre> <p>Request to the USPS to create or validate one or more CRIDs.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:CRIDRequestType mailxml_id:CRIDEntry
annotation	<p>documentation</p> <p>Request to the USPS to create or validate one or more CRIDs.</p>

element USPSCRIDCreateValidateResponse	
diagram	<pre> classDiagram class USPSCRIDCreateValidateResponse { <<Response to a request to the USPS to query, create, or validate one or more CRIDs.>> } class mailxml_id:TrackingID { <<mailxml_id:TrackingID
type mailxml_base:s20>> } class mailxml_id:SubmitterTrackingID { <<mailxml_id:SubmitterTrackingID
type mailxml_base:s20>> } class mailxml_id:USPSCRIDCreateResponse { <<mailxml_id:USPSCRIDCreateResponse
type mailxml_id:cridCreateResponse...>> } class mailxml_id:USPSCRIDQueryResponse { <<mailxml_id:USPSCRIDQueryResponse
type mailxml_id:cridQueryResponse...>> } class mailxml_id:USPSCRIDValidateResponse { <<mailxml_id:USPSCRIDValidateResponse
type mailxml_id:cridValidateResponse...>> } USPSCRIDCreateValidateResponse < -- TrackingID USPSCRIDCreateValidateResponse < -- SubmitterTrackingID USPSCRIDCreateValidateResponse < -- USPSCRIDCreateResponse USPSCRIDCreateValidateResponse < -- USPSCRIDQueryResponse USPSCRIDCreateValidateResponse < -- USPSCRIDValidateResponse </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:USPSCRIDCreateResponse mailxml_id:USPSCRIDQueryResponse mailxml_id:USPSCRIDValidateResponse
annotation	<p>documentation</p> <p>Response to a request to the USPS to query, create, or validate one or more CRIDs.</p>

element USPSMIDCreateValidateRequest	
diagram	<pre> classDiagram class USPSMIDCreateValidateRequest { type <<Request to USPS to create or validate MID information.>> } class SubmittingParty { type mailxml_defs:participantIDType } class SubmittingSoftware { type mailxml_defs:submittingSoftwareType } class SubmitterTrackingID { type mailxml_base:s20 } class MIDRequestType { type mailxml_id:MIDorCRIDRequestType } class MIDEntry { type mailxml_id:midEntryType } USPSMIDCreateValidateRequest "1..>" SubmittingParty USPSMIDCreateValidateRequest "1..>" SubmittingSoftware USPSMIDCreateValidateRequest "1..>" SubmitterTrackingID USPSMIDCreateValidateRequest "1..>" MIDRequestType SubmittingParty "1..>" MIDEntry </pre> <p>The diagram illustrates the structure of the USPSMIDCreateValidateRequest element. It consists of several components:</p> <ul style="list-style-type: none"> SubmittingParty: A required component of type <code>mailxml_defs:participantIDType</code>. Submitting Software: A required component of type <code>mailxml_defs:submittingSoftwareType</code>. Submitter Tracking ID: A required component of type <code>mailxml_base:s20</code>. MID Request Type: A required component of type <code>mailxml_id:MIDorCRIDRequestType</code>. MID Entry: A required component of type <code>mailxml_id:midEntryType</code>, which is associated with the SubmittingParty. <p>A note below the main element states: "Request to USPS to create or validate MID information."</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id

children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:MIDRequestType mailxml_id:MIDEntry
annotation	documentation Request to USPS to create or validate MID information.

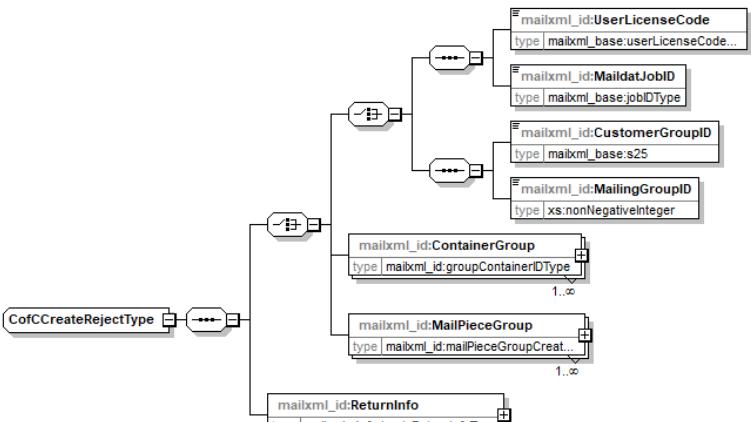
element **USPSMIDCreateValidateResponse**

diagram	<pre> classDiagram class USPMIDCreateValidateResponse { <<Response to a request to USPS to query, create, or validate MID information.>> } class TrackingID { <<mailxml_id:TrackingID</> type mailxml_base:s20 } class SubmitterTrackingID { <<mailxml_id:SubmitterTrackingID</> type mailxml_base:s20 } class USPMIDCreateResponse { <<mailxml_id:USPSMIDCreateRes...>> type mailxml_id:mIDCreateResponse... } class USPMIDQueryResponse { <<mailxml_id:USPSMIDQueryRes...>> type mailxml_id:mIDQueryResponse... } class USPMIDValidateResponse { <<mailxml_id:USPSMIDValidateRe...>> type mailxml_id:mIDValidateRespon... } USPMIDCreateValidateResponse < -- TrackingID USPMIDCreateValidateResponse < -- SubmitterTrackingID USPMIDCreateValidateResponse --> USPMIDCreateResponse USPMIDCreateValidateResponse --> USPMIDQueryResponse USPMIDCreateValidateResponse --> USPMIDValidateResponse </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:USPSMIDCreateResponse mailxml_id:USPSMIDQueryResponse mailxml_id:USPSMIDValidateResponse
annotation	documentation Response to a request to USPS to query, create, or validate MID information.

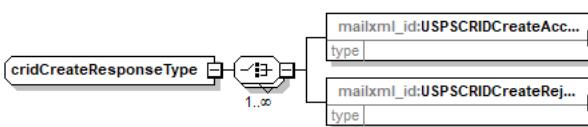
complexType **CofCCreateAcceptType**

diagram	<pre> complexType CofCCreateAcceptType { <<Container for CreateAccept requests>> <<This type is used by CastofCharactersCreateResponse and CastofCharactersCreateAccept.>> <<UserLicenseCode</> type mailxml_base:userLicenseCode... >> UserLicenseCode <<MaildatJobID</> type mailxml_base:jobIDType... >> MaildatJobID <<CustomerGroupID</> type mailxml_base:s25... >> CustomerGroupID <<MailingGroupID</> type xs:nonNegativeInteger... >> MailingGroupID <<ContainerGroup</> type mailxml_id:groupContainerIDType... >> ContainerGroup <<MailPieceGroup</> type mailxml_id:mailPieceGroupCreat... >> MailPieceGroup <<ReturnInfo</> type mailxml_defs:basicReturnInfoT... >> ReturnInfo } </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:UserLicenseCode mailxml_id:MaildatJobID mailxml_id:CustomerGroupID mailxml_id:MailingGroupID mailxml_id:ContainerGroup mailxml_id:MailPieceGroup mailxml_id:ReturnInfo
used by	element CastofCharactersCreateResponse/CastofCharactersCreateAccept

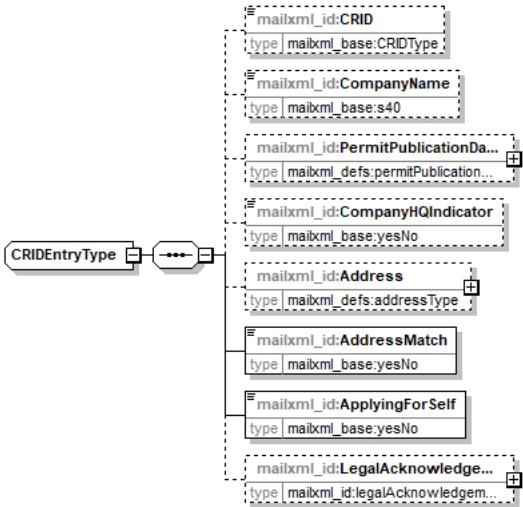
complexType CofCCreateRejectType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:UserLicenseCode mailxml_id:MaildatJobID mailxml_id:CustomerGroupID mailxml_id:MailingGroupID mailxml_id:ContainerGroup mailxml_id:MailPieceGroup mailxml_id:ReturnInfo
used by	element CastofCharactersCreateResponse/CastofCharactersCreateReject

complexType cridCreateResponseType

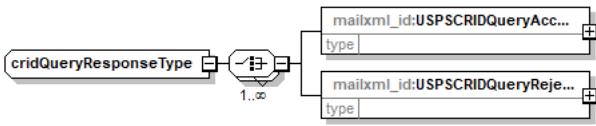
diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSCRIDCreateAccept mailxml_id:USPSCRIDCreateReject
used by	element USPSCRIDCreateValidateResponse/USPSCRIDCreateResponse

complexType CRIDEntryType

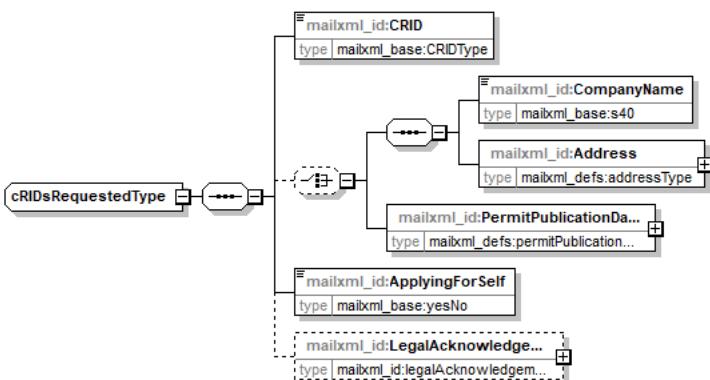
diagram	
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namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:CRID mailxml_id:CompanyName mailxml_id:PermitPublicationData mailxml_id:CompanyHQIndicator mailxml_id:Address mailxml_id:AddressMatch mailxml_id:ApplyingForSelf mailxml_id:LegalAcknowledgementBlock
used by	elements USPSCRIDCreateValidateRequest/CRIDEEntry cridCreateResponseType/USPSCRIDCreateAccept/CRIDEEntry cridCreateResponseType/USPSCRIDCreateReject/CRIDEEntry cridQueryResponseType/USPSCRIDQueryAccept/CRIDEEntry cridQueryResponseType/USPSCRIDQueryReject/CRIDEEntry cridValidateResponseType/USPSCRIDValidateAccept/CRIDEEntry cridValidateResponseType/USPSCRIDValidateReject/CRIDEEntry

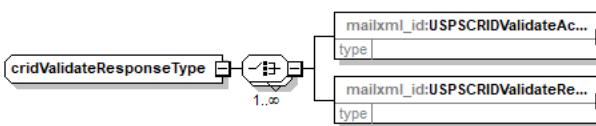
complexType cridQueryResponseType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSCRIDQueryAccept mailxml_id:USPSCRIDQueryReject
used by	element USPSCRIDCreateValidateResponse/USPSCRIDQueryResponse

complexType cRIDsRequestedType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:CRID mailxml_id:CompanyName mailxml_id:Address mailxml_id:PermitPublicationData mailxml_id:ApplyingForSelf mailxml_id:LegalAcknowledgementBlock

complexType cridValidateResponseType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSCRIDValidateAccept mailxml_id:USPSCRIDValidateReject

used by	element USPSCRIDCreateValidateResponse/USPSCRIDValidateResponse
---------	--

complexType customerIdentityType

diagram	<p>The diagram shows the structure of the customerIdentityType element. It contains a list of attributes: mailxml_id:Owner, mailxml_id:Preparer, mailxml_id:Scheduler, mailxml_id:Consolidator, and mailxml_id:Logistics. Each attribute is represented by a dashed-line box.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
used by	elements CustomerRelationIdentifyQueryResponse/QueryResults/CustomerID CustomerRelationIdentifyUpdateResponse/CustomerRelationIdentifyUpdateAccept/SetCustomerInfo CustomerRelationIdentifyUpdateRequest/UpdateCustomerInfo
annotation	documentation Structure describibg the customer information

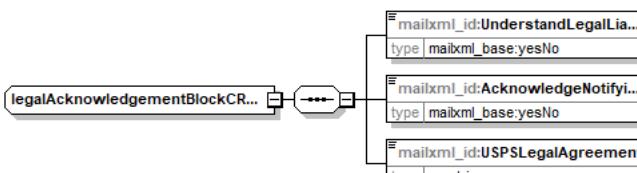
complexType groupContainerIDType

diagram	<p>The diagram shows the structure of the groupContainerIDType element. It contains an attribute grp mailxml_defs:ContainerGr... and three child elements: mailxml_defs:SenderContainer..., mailxml_defs:ReceiverContainer..., and a sequence of three elements: mailxml_id:MaildatContainer, mailxml_id:MailXMLContainer, and mailxml_id:ContainerBarcode. The MaildatContainer and MailXMLContainer elements have a type attribute pointing to mailxml_defs:maildatContainerl... and mailxml_defs:MailXMLContainerl... respectively. The ContainerBarcode element has a type attribute pointing to mailxml_base:IMcbType.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:MaildatContainer mailxml_id:MailXMLContainer mailxml_id:ContainerBarcode
used by	elements CastofCharactersCancelRequest/ContainerGroup CastofCharactersCreateRequest/ContainerGroup CastofCharactersUpdateRequest/ContainerGroup CofCCreateAcceptType/ContainerGroup CofCCreateRejectType/ContainerGroup

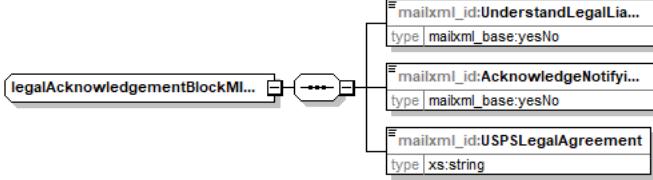
complexType IncentiveEnrollmentEntryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:CustomerCRID mailxml_id:CustomerName mailxml_id:PermitPublicationData mailxml_id:CompanyHQIndicator mailxml_id:Address1 mailxml_id:Address2 mailxml_id:City mailxml_id:State mailxml_id:ZipCode mailxml_id:SequenceNumber mailxml_id:EnrollingForSelf mailxml_id:LegalAcknowledgementBlock
used by	elements IncentiveEnrollmentCreateRequest / IncentiveEnrollmentEntry IncentiveEnrollmentCreateResponse / IncentiveEnrollmentCreateAccept / IncentiveEnrollmentEntry IncentiveEnrollmentCreateResponse / IncentiveEnrollmentCreateReject / IncentiveEnrollmentEntry

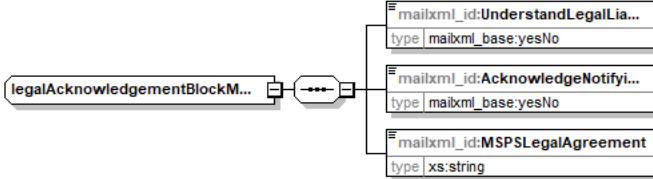
complexType legalAcknowledgementBlockCRIDType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:UnderstandLegalLiabilityForApplyingForSomeOneElse mailxml_id:AcknowledgeNotifyingTheMailOwner mailxml_id:USPSLegalAgreement
used by	elements cRIDsRequestedType / LegalAcknowledgementBlock CRIDEntryType / LegalAcknowledgementBlock

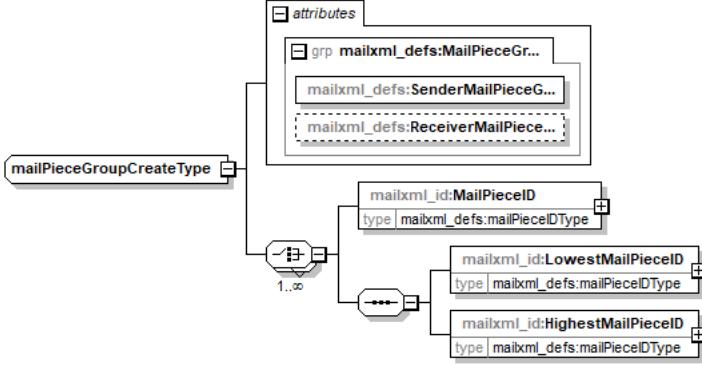
complexType legalAcknowledgementBlockMIDType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:UnderstandLegalLiabilityForApplyingForSomeOneElse mailxml_id:AcknowledgeNotifyTheMailOwner mailxml_id:USPSLegalAgreement
used by	element midEntryType/LegalAcknowledgementBlock

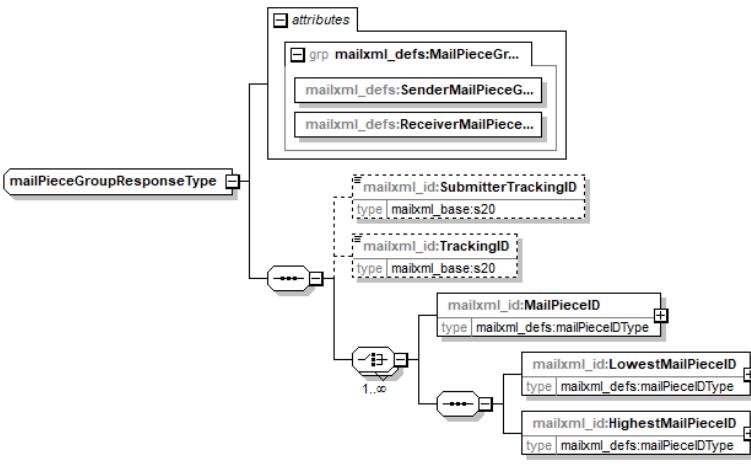
complexType legalAcknowledgementBlockMSPSType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:UnderstandLegalLiabilityForApplyingForSomeOneElse mailxml_id:AcknowledgeNotifyTheMailOwner mailxml_id:MSPSLegalAgreement
used by	element IncentiveEnrollmentEntryType/LegalAcknowledgementBlock

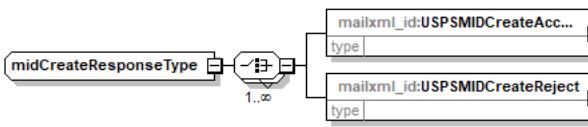
complexType mailPieceGroupCreateType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:MailPieceID mailxml_id:LowestMailPieceID mailxml_id:HighestMailPieceID
used by	elements CastofCharactersCancelRequest/MailPieceGroup CastofCharactersCreateRequest/MailPieceGroup CastofCharactersUpdateRequest/MailPieceGroup CofCCreateAcceptType/MailPieceGroup CofCCreateRejectType/MailPieceGroup

complexType mailPieceGroupResponseType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:SubmitterTrackingID mailxml_id:TrackingID mailxml_id:MailPieceID mailxml_id:LowestMailPieceID mailxml_id:HighestMailPieceID

complexType midCreateResponseType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSMIDCreateAccept mailxml_id:USPSMIDCreateReject
used by	element USPSMIDCreateValidateResponse/USPSMIDCreateResponse

complexType midEntryType

diagram	The diagram illustrates the structure of the midEntryType complex type. It consists of several components: mailxml_id:MID, mailxml_id:CustomerCRID, mailxml_id:CustomerName, mailxml_id:PermitPublicationData, mailxml_id:CompanyHQIndicator, mailxml_id:Address, mailxml_id:SequenceNumber, mailxml_id:ApplyingForSelf, and mailxml_id:LegalAcknowledgementBlock. These components are interconnected via associations, with some being multiplicity 1..*.
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:MID mailxml_id:CustomerCRID mailxml_id:CustomerName mailxml_id:PermitPublicationData mailxml_id:CompanyHQIndicator mailxml_id:Address mailxml_id:SequenceNumber mailxml_id:ApplyingForSelf mailxml_id:LegalAcknowledgementBlock
used by	elements USPSMIDCreateValidateRequest/MIDEntry midCreateResponseType/USPSMIDCreateAccept/MIDEntry midCreateResponseType/USPSMIDCreateReject/MIDEntry midQueryResponseType/USPSMIDQueryAccept/MIDEntry midQueryResponseType/USPSMIDQueryReject/MIDEntry midValidateResponseType/USPSMIDValidateAccept/MIDEntry midValidateResponseType/USPSMIDValidateReject/MIDEntry

complexType midQueryResponseType

diagram	The diagram shows the midQueryResponseType complex type. It contains two components: mailxml_id:USPSMIDQueryAccept and mailxml_id:USPSMIDQueryReject. These components are associated with each other via a multiplicity 1..*.
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSMIDQueryAccept mailxml_id:USPSMIDQueryReject
used by	element USPSMIDCreateValidateResponse/USPSMIDQueryResponse

complexType midValidateResponseType

diagram	The diagram shows the midValidateResponseType complex type. It contains two components: mailxml_id:USPSMIDValidateAccept and mailxml_id:USPSMIDValidateReject. These components are associated with each other via a multiplicity 1..*.
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
children	mailxml_id:USPSMIDValidateAccept mailxml_id:USPSMIDValidateReject

used by	element USPSMIDCreateValidateResponse/USPSMIDValidateResponse
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simpleType MIDorCRIDRequestType

namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_id
type	restriction of xs:string
used by	elements USPSCRIDCreateValidateRequest/CRIDRequestType USPSMIDCreateValidateRequest/MIDRequestType

XML Schema documentation generated by [XMLSpy](#) Schema Editor <http://www.altova.com/xmlspy>