

Mail.XML Version 24.1

System Messages Specification

May 10, 2021

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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 24.1?

With this release, the Mail.XML Messaging Protocol moves to Version 24.1. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 24.1 include:

- CR 2411 – Modification to RateCategoryType, to include a value of B2 to represent High Density Flats Carrier Route Bundles on Pallets
- CR 2412 – Updates to CharacteristicIncentiveType to include enumerations from 0X to 9X to make values consistent with list of Content values and with Mail.dat
- CR 2410 – Updates to ZoneIType to support Zone 10 (represented as value A) for USPS competitive products

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/mailxml24.1/mailxml> targetNamespace=<http://delivery-tech.org/Specs/mailxml24.1/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://deliverytech.org/Specs/mailxml24.1A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.1A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml24.1B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.1B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml24.1/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.1.xsd' <- Major Version

Mail.XML 24.1 XSD Modules:

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

Note: Actual xsd filenames include the version number (e.g. *mailxml_base_24.1.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 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™ 24.1: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 24.1: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 24.1: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 24.1: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 24.1: Identification Messaging Specification documents all identification messages
- Mail.XML™ 24.1: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 24.1: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 24.1: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 24.1: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 24.1: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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1 Index

schema location: **mailxml_id_24.1.xsd**
attributeFormDefault: **qualified**
elementFormDefault: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml24.1/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/mailxml24.1/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					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:CustomerGroupID	mailxml_base:s25				

	<p>mailxml_defs:MailingGroupID xs:nonNegativeInteger required</p> <p>mailxml_defs:MaildatJobID mailxml_base:jobIDType</p> <p>mailxml_defs:UserLicenseCode mailxml_base:userLicenseCodeType</p>
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	<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/mailxml24.1/mailxml_id
children	<p>mailxml_id:TrackingID mailxml_id:SubmitterTrackingID</p> <p>mailxml_id:CastofCharactersCancelAccept mailxml_id:CastofCharactersCancelReject</p>
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	<p>CastofCharactersCreateReq...</p> <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/mailxml24.1/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					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:CustomerGroupID	mailxml_base:s25				
	mailxml_defs:MailingGroupID	xs:nonNegativeInteger	required			
	mailxml_defs:MaildatJobID	mailxml_base:jobIDType				

	mailxml_defs:UserLicenseCode mailxml_base:userLicenseCodeType e
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						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:CastofCharactersCreateAccept mailxml_id:CastofCharactersCreateReject					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:CustomerGroupID	mailxml_base:s25				
	mailxml_defs:MailingGroupID	xs:nonNegativeInteger	required			
	mailxml_defs:MaildatJobID	mailxml_base:jobIDType				
	mailxml_defs:UserLicenseCode	mailxml_base:userLicenseCodeType e				
annotation	documentation Response to a message requesting the creation of unique identification the various roles for parties within the industry.					

element **CastofCharactersUpdateRequest**

diagram	<div><div><div>attributes</div><div><div>grp mailxml_defs:MailXML...</div><div><div>mailxml_defs:fs:CustomerGrou...</div><div>mailxml_defs:fs:MailingGroupID</div><div>mailxml_defs:fs:MaildatJobID</div><div>mailxml_defs:fs:UserLicenseCo...</div></div></div></div><div><div>CastofCharactersUpdateRe...</div><div>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.</div></div><div><div><div>mailxml_id:jd:SubmittingParty</div><div>mailxml_id:jd:SubmittingSoft...</div><div>mailxml_id:jd:SubmitterTracki...</div><div><div>1..∞</div><div><div>mailxml_id:jd:Participant</div><div>mailxml_id:jd:Role</div></div><div>1..∞</div></div><div><div><div>mailxml_id:jd:UserLicenseCode</div><div>mailxml_id:jd:MaildatJobID</div><div>mailxml_id:jd:CustomerGroupID</div><div>mailxml_id:jd:MailingGroupID</div></div><div><div>mailxml_id:jd:MailPieceGroup</div><div>mailxml_id:jd:ContainerGroup</div></div><div>1..∞</div><div>1..∞</div></div><div>mailxml_id:jd:EffectiveDate</div><div><div>mailxml_id:jd:ExpirationDate</div><div><div>mailxml_id:jd:Duration</div><div>mailxml_id:jd:DurationUnitof...</div></div></div></div></div></div>																								
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id																								
children	<div>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</div>																								
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>mailxml_defs:CustomerGroupID</td><td>mailxml_base:s25</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MailingGroupID</td><td>xs:nonNegativeInteger</td><td>required</td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MaildatJobID</td><td>mailxml_base:jobIDType</td><td></td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	mailxml_defs:CustomerGroupID	mailxml_base:s25					mailxml_defs:MailingGroupID	xs:nonNegativeInteger	required				mailxml_defs:MaildatJobID	mailxml_base:jobIDType				
Name	Type	Use	Default	Fixed	Annotation																				
mailxml_defs:CustomerGroupID	mailxml_base:s25																								
mailxml_defs:MailingGroupID	xs:nonNegativeInteger	required																							
mailxml_defs:MaildatJobID	mailxml_base:jobIDType																								

	mailxml_defs:UserLicenseCode mailxml_base:userLicenseCodeType e
annotation	documentation 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.

element **CastofCharactersUpdateResponse**

diagram	<p>The diagram shows the structure of the CastofCharactersUpdateResponse element. It is a container for a sequence of children. The first child is a sequence of three elements: mailxml_id:TrackingID, mailxml_id:SubmitterTrackingID, and mailxml_id:CastofCharacter.... The second child is a sequence of two elements: mailxml_id:CastofCharacter... and mailxml_id:CastofCharacter....</p>
namespace	http://delivery-tech.org/Specs/mailxml24.1/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 shows the structure of the CustomerRelationIdentifyQueryRequest element. It is a container for a sequence of children. The first child is a sequence of six elements: mailxml_id:MaildatJobID, mailxml_id:MPUID, mailxml_id:SegmentID, mailxml_id:ComponentID, mailxml_id:LinktoMaildatSu..., and mailxml_id:LinktoMaildatSu.... The second child is a sequence of three elements: mailxml_id:SubmittingParty, mailxml_id:SubmittingSoft..., and mailxml_id:SubmitterTracki....</p>
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id

children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_id:MaildatJobID	mailxml_base:jobIDType	required			
	mailxml_id:MPUID	mailxml_base:MPUIDType	required			
	mailxml_id:SegmentID	mailxml_base:s04	required			
	mailxml_id:ComponentID	mailxml_base:s08	required			
	mailxml_id:LinktoMaildatSummaryJobID	mailxml_base:jobIDType	required			
	mailxml_id:LinktoMaildatSummaryContainerID	mailxml_base:databaseContainerIDType	required			
annotation	documentation Query request for mail piece customer identifiers.					

element **CustomerRelationIdentifyQueryResponse**

diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:QueryResults mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_id:MaildatJobID	mailxml_base:jobIDType	required			
	mailxml_id:MPUID	mailxml_base:MPUIDType	required			
	mailxml_id:SegmentID	mailxml_base:s04	required			
	mailxml_id:ComponentID	mailxml_base:s08	required			

annotation	documentation Response to the Query request for mail piece customer identifiers.
------------	---

element **CustomerRelationIdentifyUpdateRequest**

diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:UpdateCustomerInfo					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_id:MaildatJobID	mailxml_base:jobIDType	required			
	mailxml_id:MPUID	mailxml_base:MPUIDType	required			
	mailxml_id:SegmentID	mailxml_base:s04	required			
	mailxml_id:ComponentID	mailxml_base:s08	required			
	mailxml_id:LinktoMaildatSummaryJobID	mailxml_base:jobIDType	required			
	mailxml_id:LinktoMaildatSummaryContainerID	mailxml_base:databaseContainerIDType	required			
annotation	documentation Request to update mail piece customer information.					

element **CustomerRelationIdentifyUpdateResponse**

diagram	<p>CustomerRelationIdentifyU... Response for the update request for mail piece customer information.</p> <p>mailxml_id:TrackingID</p> <p>mailxml_id:SubmitterTracki...</p> <p>mailxml_id:CustomerRelati...</p> <p>mailxml_id:CustomerRelati...</p>
namespace	http://delivery-tech.org/Specs/mailxml24.1/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	<p>IncentiveEnrollmentCreate... Request to USPS to create Incentive Enrollment information.</p> <p>mailxml_id:SubmittingParty</p> <p>mailxml_id:SubmittingSoft...</p> <p>mailxml_id:SubmitterTracki...</p> <p>mailxml_id:MSPIndicator</p> <p>mailxml_id:IncentiveEnroll...</p> <p>mailxml_id:Incentive</p> <p>1..∞</p> <p>1..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:MSPIndicator mailxml_id:IncentiveEnrollmentEntry mailxml_id:Incentive
annotation	documentation Request to USPS to create Incentive Enrollment information.

element **IncentiveEnrollmentCreateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:MSPIndicator 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	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:SubmittingParty mailxml_id:SubmittingSoftware mailxml_id:SubmitterTrackingID mailxml_id:CRIDRequestType mailxml_id:CRIDEntry
annotation	documentation Request to the USPS to create or validate one or more CRIDs.

element **USPSCRIDCreateValidateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:TrackingID mailxml_id:SubmitterTrackingID mailxml_id:USPSCRIDCreateResponse mailxml_id:USPSCRIDQueryResponse mailxml_id:USPSCRIDValidateResponse
annotation	documentation Response to a request to the USPS to query, create, or validate one or more CRIDs.

element **USPSMIDCreateValidateRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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/mailxml24.1/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/mailxml24.1/mailxml_id
children	mailxml_id:USPSCRIDCreateAccept mailxml_id:USPSCRIDCreateReject
used by	element USPSCRIDCreateValidateResponse/USPSCRIDCreateResponse

complexType **CRIDEntryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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	<p>elements</p> <p>USPSCRIDCreateValidateRequest/CRIDEntry cridCreateResponseType/USPSCRIDCreateAccept/CRIDEntry cridCreateResponseType/USPSCRIDCreateReject/CRIDEntry cridQueryResponseType/USPSCRIDQueryAccept/CRIDEntry cridQueryResponseType/USPSCRIDQueryReject/CRIDEntry cridValidateResponseType/USPSCRIDValidateAccept/CRIDEntry cridValidateResponseType/USPSCRIDValidateReject/CRIDEntry</p>

complexType **cridQueryResponseType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:USPSCRIDQueryAccept mailxml_id:USPSCRIDQueryReject
used by	<p>element</p> <p>USPSCRIDCreateValidateResponse/USPSCRIDQueryResponse</p>

complexType **cRIDsRequestedType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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/mailxml24.1/mailxml_id
children	mailxml_id:USPSCRIDValidateAccept mailxml_id:USPSCRIDValidateReject
used by	element USPSCRIDCreateValidateResponse/USPSCRIDValidateResponse

complexType **customerIdentityType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
used by	elements CustomerRelationIdentifyQueryResponse/QueryResults/CustomerID CustomerRelationIdentifyUpdateResponse/CustomerRelationIdentifyUpdateAccept/S

	etCustomerInfo CustomerRelationIdentifyUpdateRequest/UpdateCustomerInfo					
attribute	Name	Type	Use	Default	Fixed	Annotation
s	mailxml_id:Owner	mailxml_base:s12				
	mailxml_id:Preparer	mailxml_base:s12				
	mailxml_id:Scheduler	mailxml_base:s12				
	mailxml_id:Consolidator	mailxml_base:s12				
	mailxml_id:Logistics	mailxml_base:s12				
annotation	documentation Structure describibg the customer information					

complexType **groupContainerIDType**

diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/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					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SenderContainerGroupID	mailxml_base:s12	required			
	mailxml_defs:ReceiverContainerGroupID	mailxml_base:s12	optional			

complexType **IncentiveEnrollmentEntryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/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/mailxml24.1/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/mailxml24.1/mailxml_id
children	mailxml_id:UnderstandLegalLiabilityForApplyingForSomeOneElse mailxml_id:AcknowledgeNotifyingTheMailOwner mailxml_id:USPSLegalAgreement
used by	element midEntryType/LegalAcknowledgementBlock

complexType **legalAcknowledgementBlockMSPSType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:UnderstandLegalLiabilityForApplyingForSomeOneElse mailxml_id:AcknowledgeNotifyingTheMailOwner mailxml_id:MSPSLegalAgreement
used by	element IncentiveEnrollmentEntryType/LegalAcknowledgementBlock

complexType mailPieceGroupCreateType

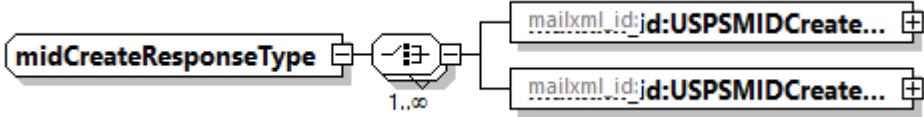
diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:MailPieceID mailxml_id:LowestMailPieceID mailxml_id:HighestMailPieceID					
used by	elements CastofCharactersCancelRequest/MailPieceGroup CastofCharactersCreateRequest/MailPieceGroup CastofCharactersUpdateRequest/MailPieceGroup CofCCreateAcceptType/MailPieceGroup CofCCreateRejectType/MailPieceGroup					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SenderMailPieceGroupID	mailxml_base:s12	required			
	mailxml_defs:ReceiverMailPieceGroupID	mailxml_base:s12	optional			

complexType mailPieceGroupResponseType

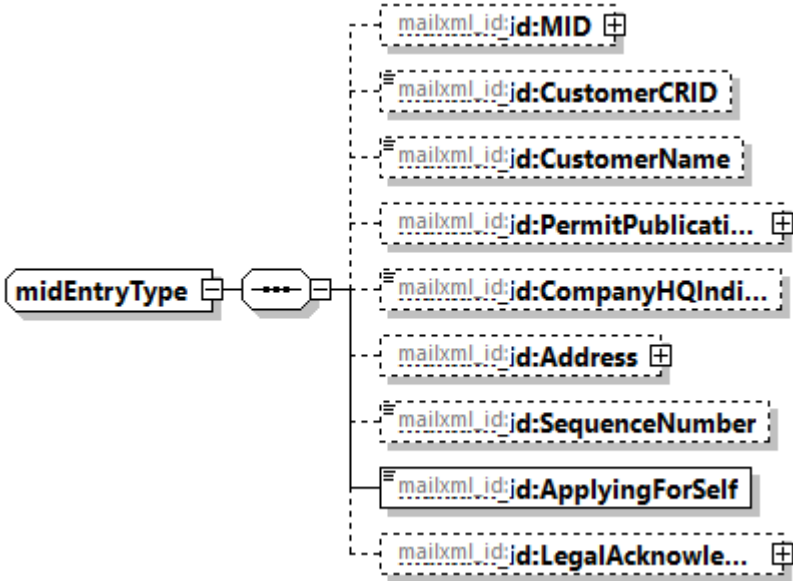
diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:SubmitterTrackingID mailxml_id:TrackingID mailxml_id:MailPieceID mailxml_id:LowestMailPieceID mailxml_id:HighestMailPieceID					

attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SenderMailPieceGroupID	mailxml_base:s12	required			
	mailxml_defs:ReceiverMailPieceGroupID	mailxml_base:s12	required			

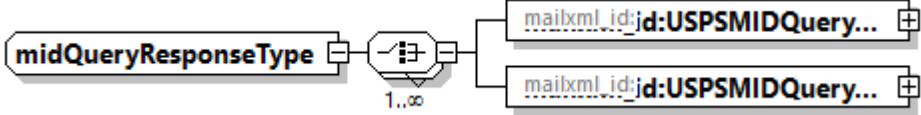
complexType **midCreateResponseType**

diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id					
children	mailxml_id:USPSMIDCreateAccept mailxml_id:USPSMIDCreateReject					
used by	element	USPSMIDCreateValidateResponse/USPSMIDCreateResponse				

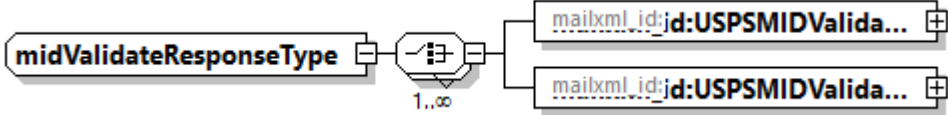
complexType **midEntryType**

diagram						
namespace	http://delivery-tech.org/Specs/mailxml24.1/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	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:USPSMIDQueryAccept mailxml_id:USPSMIDQueryReject
used by	element USPSMIDCreateValidateResponse/USPSMIDQueryResponse

complexType **midValidateResponseType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id
children	mailxml_id:USPSMIDValidateAccept mailxml_id:USPSMIDValidateReject
used by	element USPSMIDCreateValidateResponse/USPSMIDValidateResponse

simpleType **MIDorCRIDRequestType**

namespace	http://delivery-tech.org/Specs/mailxml24.1/mailxml_id		
type	restriction of xs:string		
used by	elements	USPSCRIDCreateValidateRequest/CRIDRequestType USPSMIDCreateValidateRequest/MIDRequestType	
facets	Kind	Value	Annotation
	enumeration	Query	
	enumeration	Create	
	enumeration	Validate	