MailXML Version 22.0

Supply Chain 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 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 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 22.0?

With this release, the Mail.XML Messaging Protocol moves to Version 22.0. In addition to minor cleanup, this release supports Mail.dat modernization and provides a new message for mailers to notify USPS of transportation dispatch details.

Changes supported by MailXML 22.0 include:

- Correct the data type of the Start induction and End induction elements to be an XML dateTime datatype.
- Update transportation messages to reflect modernization of Mail.dat transportation fields.
- Add a new ability for mailers to notify USPS of dispatch details to enable USPS to better plan in order to increase efficiencies and lower costs.

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 Errara 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/mailxml22.0/mailxml"`
  `targetNamespace="http://Idealliance.org/Specs/mailxml22.0/mailxml"`

- When updates are made, only those modules that are updated will be given the next higher version number (or Errara 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 Errara 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 22.0 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 Mail.XML™ 22 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 22.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 22.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 22.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 22.0: Informed Visibility Specification* documents all informed visibility messages
- *Mail.XML™ 22.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 22.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 22.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 22.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 22.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 22.0: Common Definitions Specification* documents all shared elements and complex types.

- *Mail.XML™ 22.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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OriginalContainerLinkageCreateRequest
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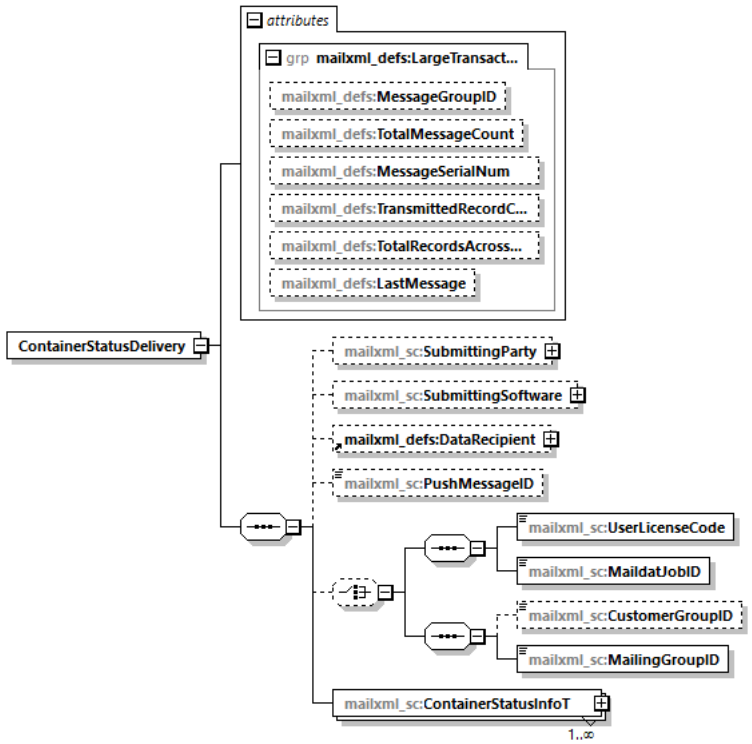
PostageAdjustmentCreateRequest
PostageAdjustmentCreateResponse
SiblingContainerCancelRequest
SiblingContainerCancelResponse
SiblingContainerCreateRequest
SiblingContainerCreateResponse

Complex types
CSQBlockType
linkageType
linkingContainerIDType

Simple types
adjustmentStatusType
adjustmentType
containerInfoIncludedInResponseFlagType
creditDebitIndicator

2 Elements and Types

element **ContainerStatusDelivery**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty mailxml_sc:SubmittingSoftware mailxml_defs:DataRecipient mailxml_sc:PushMessageID mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:ContainerStatusInfoType**

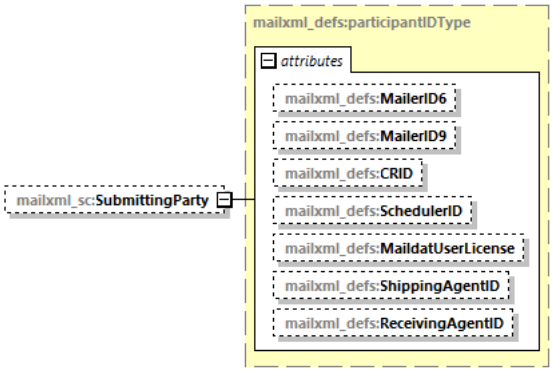
attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MessageGroupID	**mailxml_base:s20**	optional			
mailxml_defs:TotalMessageCount	**xs:positiveInteger**	optional			
mailxml_defs:MessageSerialNumber	**xs:positiveInteger**	optional			
mailxml_defs:TransmittedRecordCount	**xs:positiveInteger**	optional			
mailxml_defs:TotalRecordsAcrossMessages	**xs:positiveInteger**	optional			
mailxml_defs:LastMessage	**mailxml_base:yesNo**	optional	No		

annotation

documentation
Delivery of container status data from USPS.

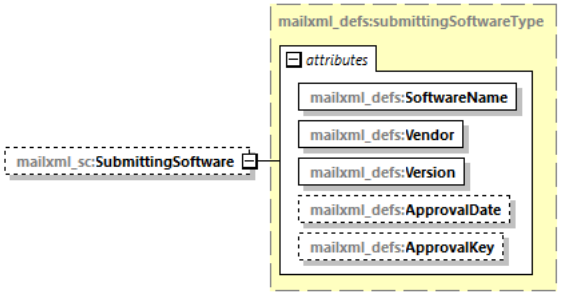
element **ContainerStatusDelivery/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

element **ContainerStatusDelivery/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

element **ContainerStatusDelivery/PushMessageID**

diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

element **ContainerStatusDelivery/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

element **ContainerStatusDelivery/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

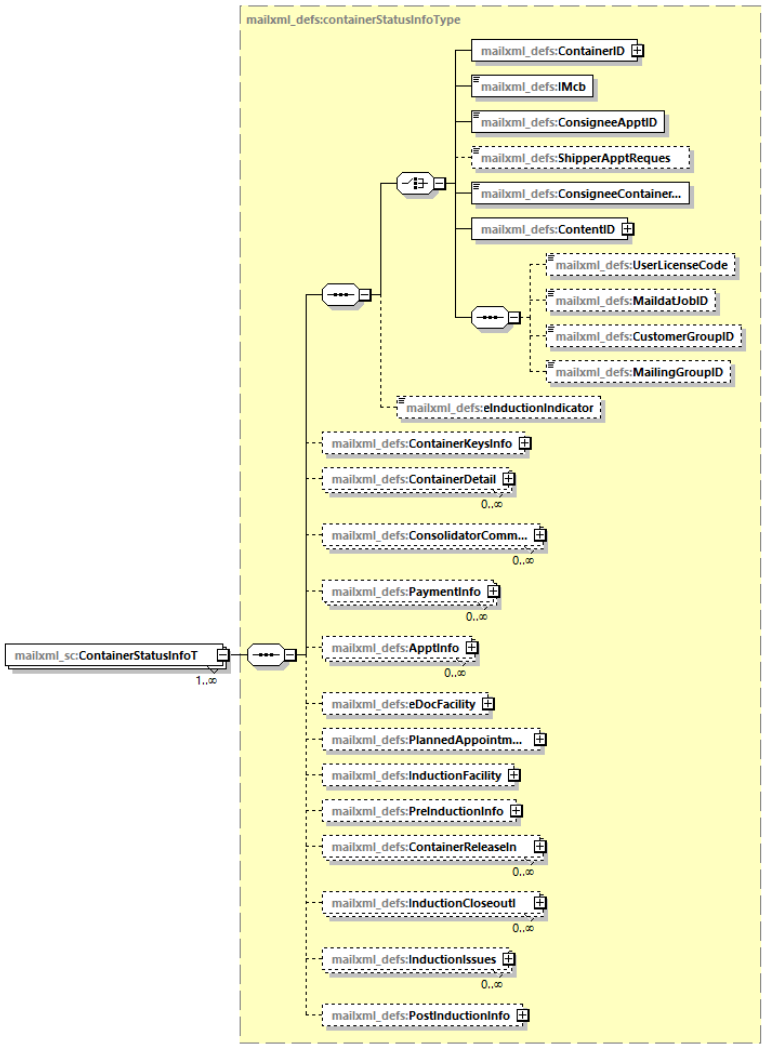
element **ContainerStatusDelivery/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

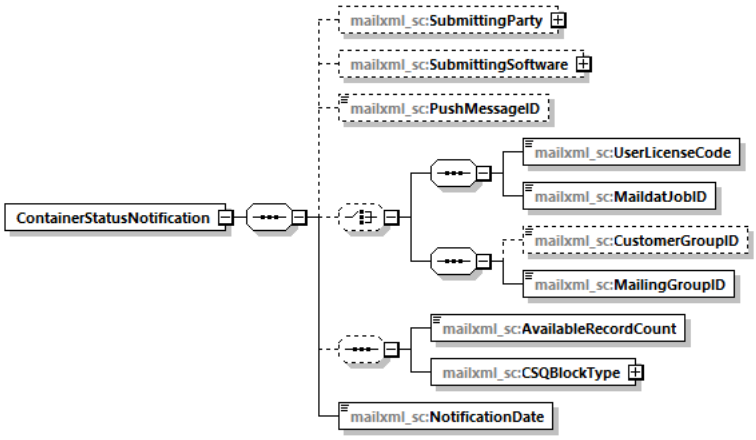
element **ContainerStatusDelivery/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

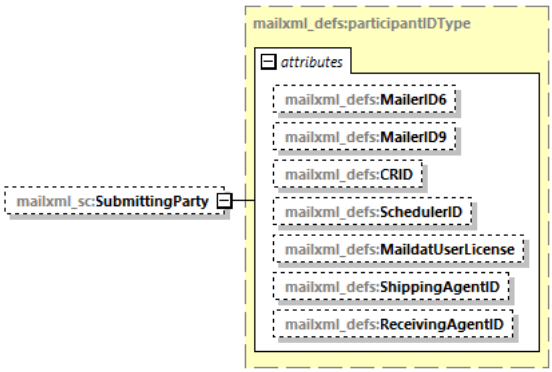
element **ContainerStatusDelivery/ContainerStatusInfoType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:containerStatusInfoType**
children	**mailxml_defs:ContainerID mailxml_defs:IMcb mailxml_defs:ConsigneeApptID mailxml_defs:ShipperApptRequestID mailxml_defs:ConsigneeContainerManifestID mailxml_defs:ContentID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:eInductionIndicator mailxml_defs:ContainerKeysInfo mailxml_defs:ContainerDetail mailxml_defs:ConsolidatorCommunicationInfo mailxml_defs:PaymentInfo mailxml_defs:ApptInfo mailxml_defs:eDocFacility mailxml_defs:PlannedAppointmentFacility mailxml_defs:InductionFacility mailxml_defs:PreInductionInfo mailxml_defs:ContainerReleaseInfo mailxml_defs:InductionCloseoutInfo mailxml_defs:InductionIssues mailxml_defs:PostInductionInfo**

element **ContainerStatusNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty** **mailxml_sc:SubmittingSoftware** **mailxml_sc:PushMessageID** **mailxml_sc:UserLicenseCode** **mailxml_sc:MaildatJobID** **mailxml_sc:CustomerGroupID** **mailxml_sc:MailingGroupID** **mailxml_sc:AvailableRecordCount** **mailxml_sc:CSQBlockType** **mailxml_sc:NotificationDate**
annotation	documentation Notification from USPS that a container status information is ready for pickup.

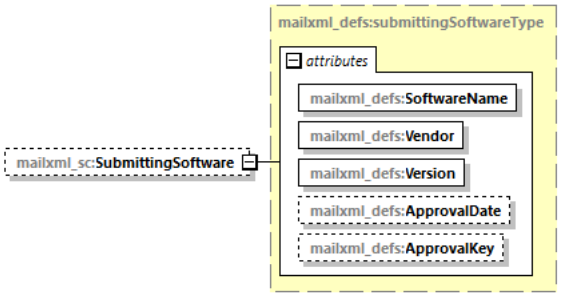
element **ContainerStatusNotification/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

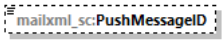
element **ContainerStatusNotification/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

element **ContainerStatusNotification/PushMessageID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

element **ContainerStatusNotification/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

element **ContainerStatusNotification/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

element **ContainerStatusNotification/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

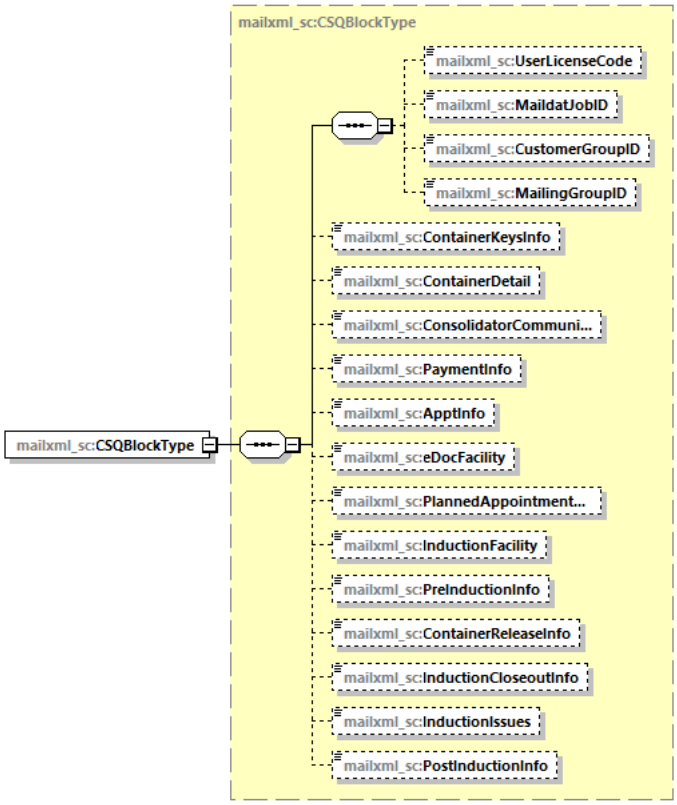
element **ContainerStatusNotification/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **ContainerStatusNotification/AvailableRecordCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

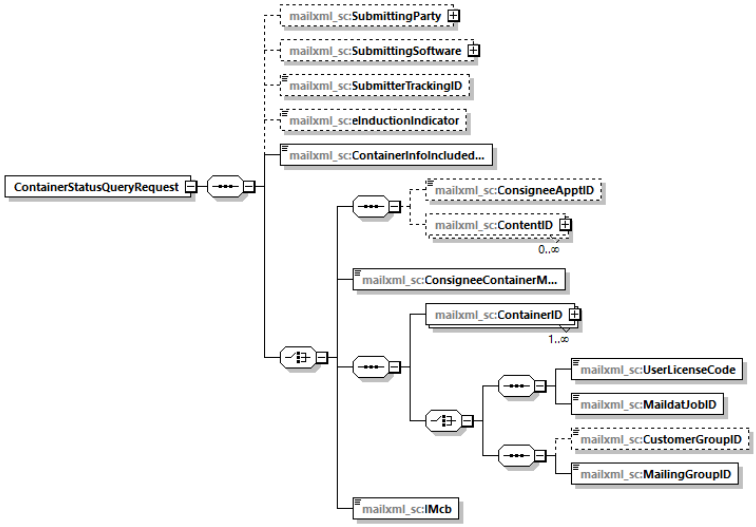
element **ContainerStatusNotification/CSQBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:CSQBlockType**
children	**mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:ContainerKeysInfo mailxml_sc:ContainerDetail mailxml_sc:ConsolidatorCommunicationInfo mailxml_sc:PaymentInfo mailxml_sc:ApptInfo mailxml_sc:eDocFacility mailxml_sc:PlannedAppointmentFacility mailxml_sc:InductionFacility mailxml_sc:PreInductionInfo mailxml_sc:ContainerReleaseInfo mailxml_sc:InductionCloseoutInfo mailxml_sc:InductionIssues mailxml_sc:PostInductionInfo**

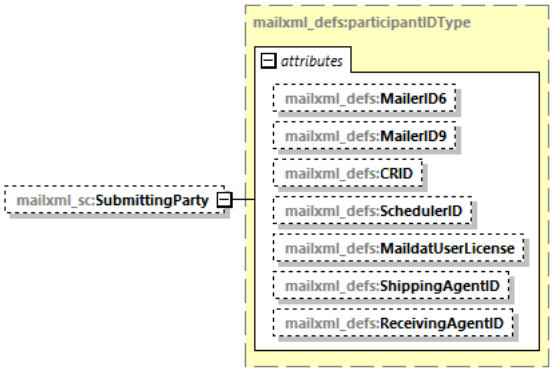
element **ContainerStatusNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:date**

element **ContainerStatusQueryRequest**

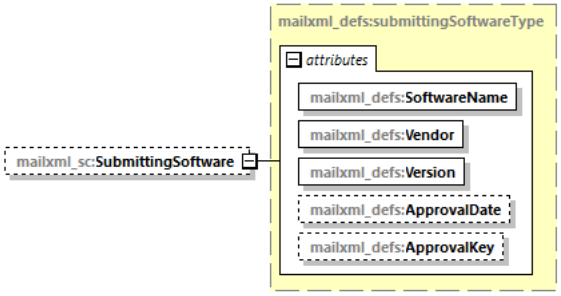
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty mailxml_sc:SubmittingSoftware mailxml_sc:SubmitterTrackingID mailxml_sc:eInductionIndicator mailxml_sc:ContainerInfoIncludedInResponseFlag mailxml_sc:ConsigneeApptID mailxml_sc:ContentID mailxml_sc:ConsigneeContainerManifestID mailxml_sc:ContainerID mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:IMcb**
annotation	documentation Query request for container status.

element **ContainerStatusQueryRequest/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

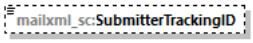
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
	mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
	mailxml_defs:CRID	**mailxml_base:CRIDType**				
	mailxml_defs:SchedulerID	**mailxml_base:s12**				
	mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
	mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
	mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

element **ContainerStatusQueryRequest/SubmittingSoftware**

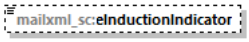
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	**xs:string**	required			
	mailxml_defs:Vendor	**xs:string**	required			
	mailxml_defs:Version	**xs:string**	required			
	mailxml_defs:ApprovalDate	**xs:date**				
	mailxml_defs:ApprovalKey	**xs:string**				

element **ContainerStatusQueryRequest/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **ContainerStatusQueryRequest/eInductionIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**

facets	Kind	Value	Annotation
	enumeration	Yes	
	enumeration	No	

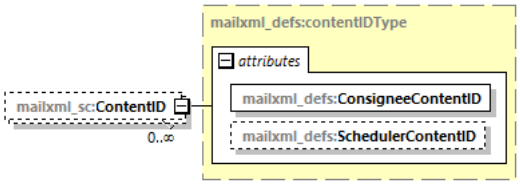
element **ContainerStatusQueryRequest/ContainerInfoIncludedInResponseFlag**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:containerInfoIncludedInResponseFlagType**
facets	Kind / Value / Annotation enumeration ContainerDetail enumeration PalletHandoffInfo enumeration ConsolidatorCommunicationInfo enumeration PaymentInfo enumeration AppointmentInfo enumeration FacilityInfo enumeration PreInductionValidation enumeration ContainerReleaseInfo enumeration InductionCloseoutInfo enumeration InductionIssues enumeration PostInductionValidation enumeration All

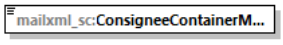
element **ContainerStatusQueryRequest/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s12**

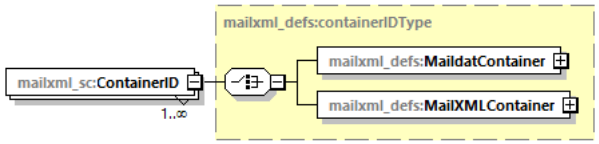
element **ContainerStatusQueryRequest/ContentID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:contentIDType**
attributes	Name / Type / Use / Default / Fixed / Annotation mailxml_defs:ConsigneeContentID **mailxml_base:s12** required mailxml_defs:SchedulerContentID **mailxml_base:s12**

element **ContainerStatusQueryRequest/ConsigneeContainerManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **ContainerStatusQueryRequest/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:containerIDType**
children	**mailxml_defs:MaildatContainer mailxml_defs:MailXMLContainer**

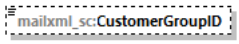
element **ContainerStatusQueryRequest/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

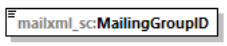
element **ContainerStatusQueryRequest/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

element **ContainerStatusQueryRequest/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

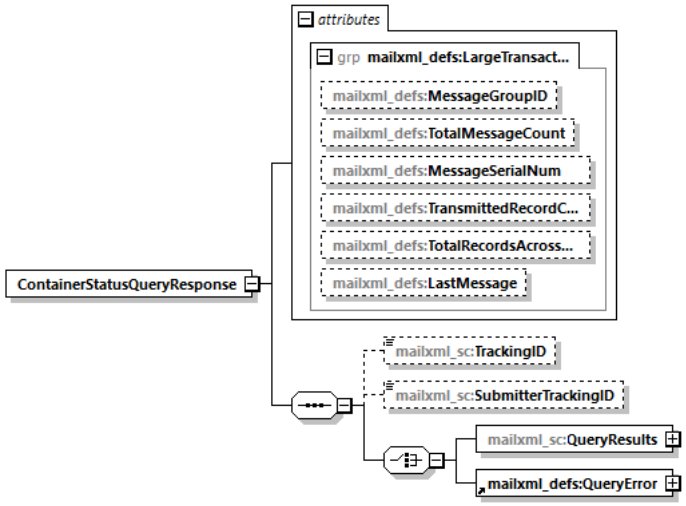
element **ContainerStatusQueryRequest/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **ContainerStatusQueryRequest/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:IMcbType**

element **ContainerStatusQueryResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:TrackingID mailxml_sc:SubmitterTrackingID mailxml_sc:QueryResults mailxml_defs:QueryError**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MessageGroupID	**mailxml_base:s20**	optional			
mailxml_defs:TotalMessageCount	**xs:positiveInteger**	optional			
mailxml_defs:MessageSerialNumber	**xs:positiveInteger**	optional			
mailxml_defs:TransmittedRecordCount	**xs:positiveInteger**	optional			
mailxml_defs:TotalRecordsAcrossMessages	**xs:positiveInteger**	optional			
mailxml_defs:LastMessage	**mailxml_base:yesNo**	optional	No		

annotation

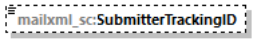
documentation

Query response for container status.

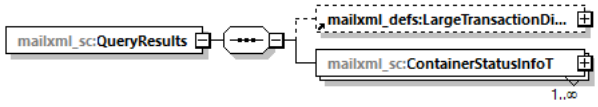
element **ContainerStatusQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **ContainerStatusQueryResponse/SubmitterTrackingID**

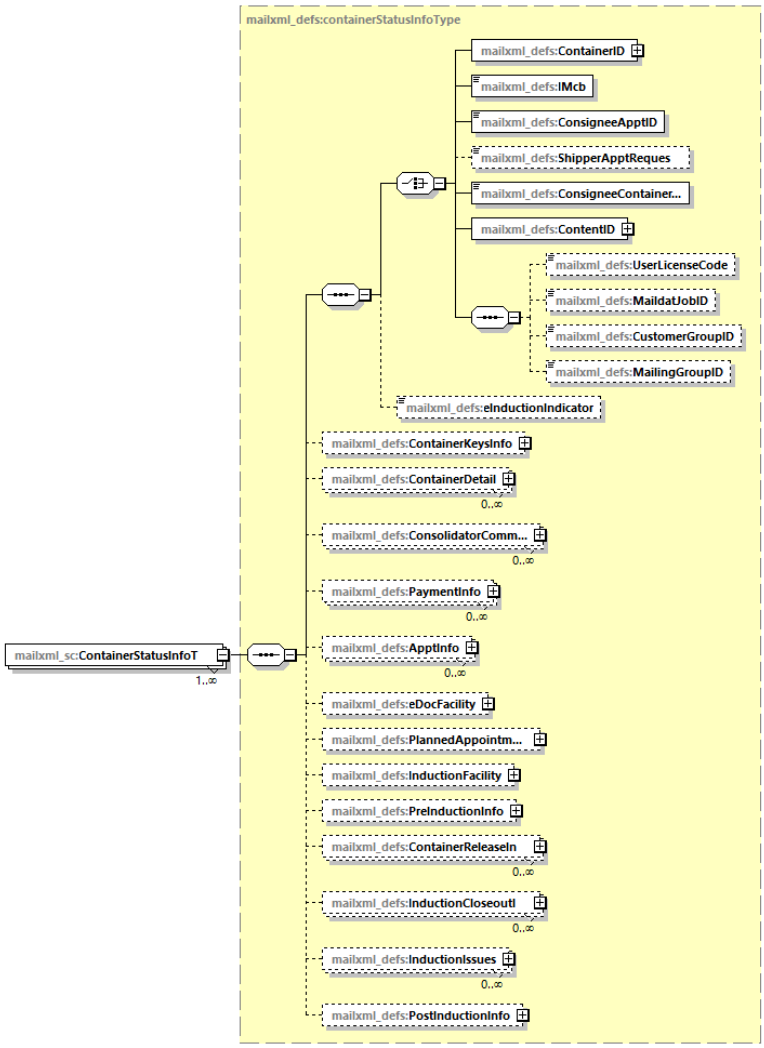
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **ContainerStatusQueryResponse/QueryResults**

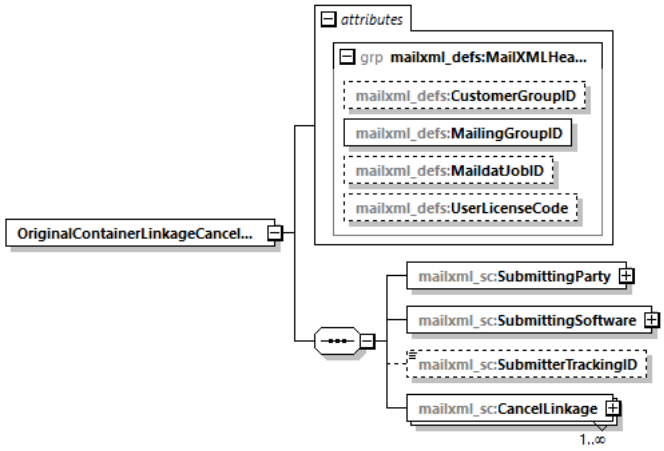
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc

children	**mailxml_defs:LargeTransactionDividerResult mailxml_sc:ContainerStatusInfoType**

element **ContainerStatusQueryResponse/QueryResults/ContainerStatusInfoType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:containerStatusInfoType**
children	**mailxml_defs:ContainerID mailxml_defs:IMcb mailxml_defs:ConsigneeApptID mailxml_defs:ShipperApptRequestID mailxml_defs:ConsigneeContainerManifestID mailxml_defs:ContentID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:eInductionIndicator mailxml_defs:ContainerKeysInfo mailxml_defs:ContainerDetail mailxml_defs:ConsolidatorCommunicationInfo mailxml_defs:PaymentInfo mailxml_defs:ApptInfo mailxml_defs:eDocFacility mailxml_defs:PlannedAppointmentFacility mailxml_defs:InductionFacility mailxml_defs:PreInductionInfo mailxml_defs:ContainerReleaseInfo mailxml_defs:InductionCloseoutInfo mailxml_defs:InductionIssues mailxml_defs:PostInductionInfo**

element **OriginalContainerLinkageCancelRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty** **mailxml_sc:SubmittingSoftware** **mailxml_sc:SubmitterTrackingID** **mailxml_sc:CancelLinkage**

attributes

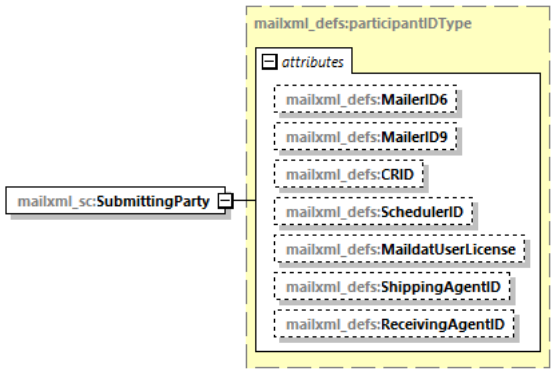
Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:CustomerGroupID	**mailxml_base:s25**				
mailxml_defs:MailingGroupID	**xs:nonNegativeInteger**	required			
mailxml_defs:MaildatJobID	**mailxml_base:jobIDType**				
mailxml_defs:UserLicenseCode	**mailxml_base:userLicenseCodeType**				

annotation

documentation

Request to cancel the link between an original container to a sibling contnainer.

element **OriginalContainerLinkageCancelRequest/SubmittingParty**

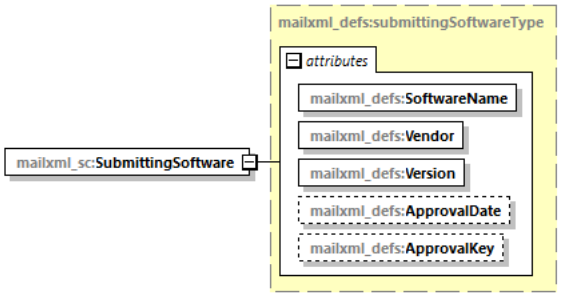
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				

	mailxml_defs:ReceivingAgentID **mailxml_base:s12**

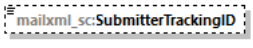
element **OriginalContainerLinkageCancelRequest/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

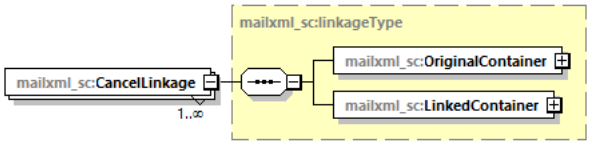
attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

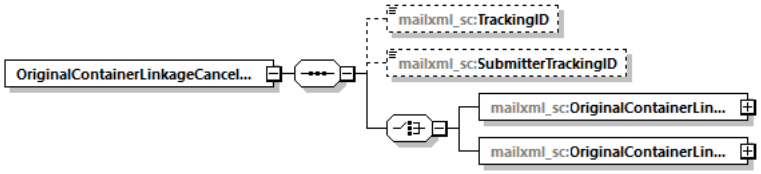
element **OriginalContainerLinkageCancelRequest/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **OriginalContainerLinkageCancelRequest/CancelLinkage**

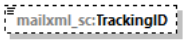
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkageType**
children	**mailxml_sc:OriginalContainer** **mailxml_sc:LinkedContainer**

element **OriginalContainerLinkageCancelResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc

children	mailxml_sc:TrackingID mailxml_sc:SubmitterTrackingID mailxml_sc:OriginalContainerLinkageCancelAccept mailxml_sc:OriginalContainerLinkageCancelReject
annotation	documentation Response to the request to cancel the link between an original container to a sibling contnainer.

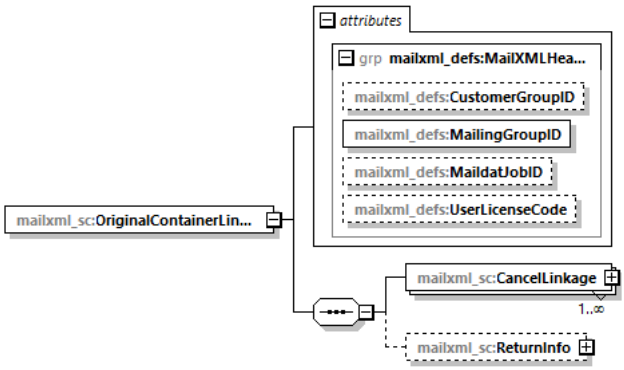
element **OriginalContainerLinkageCancelResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **OriginalContainerLinkageCancelResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

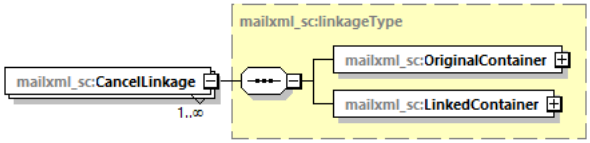
element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	mailxml_sc:CancelLinkage mailxml_sc:ReturnInfo

attributes

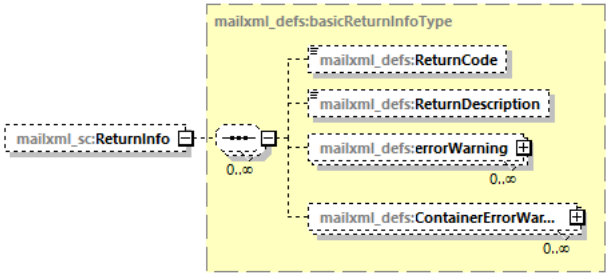
Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:CustomerGroupID	**mailxml_base:s25**				
mailxml_defs:MailingGroupID	**xs:nonNegativeInteger**	required			
mailxml_defs:MaildatJobID	**mailxml_base:jobIDType**				
mailxml_defs:UserLicenseCode	**mailxml_base:userLicenseCodeType**				

element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/CancelLinkage**

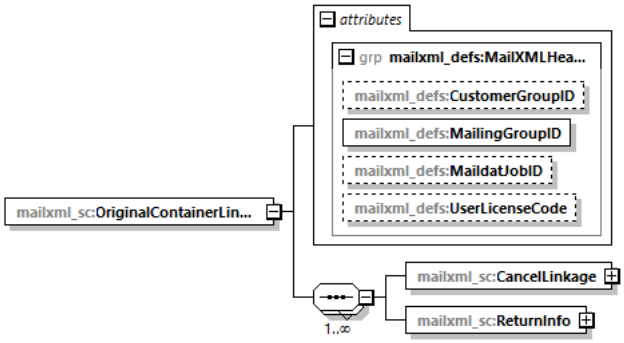
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc

type	**mailxml_sc:linkageType**
children	**mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer**

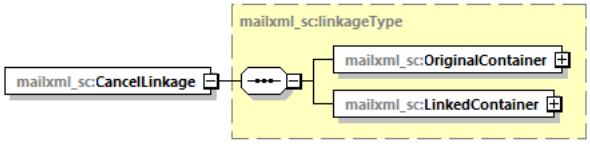
element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject**

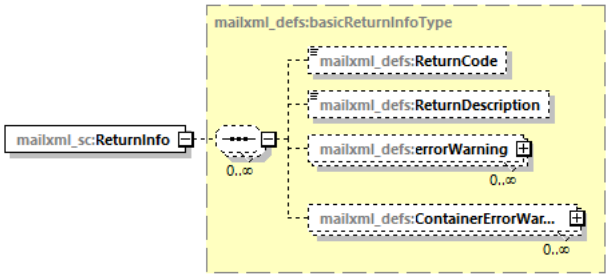
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:CancelLinkage mailxml_sc:ReturnInfo**
attributes	Name / Type / Use / Default / Fixed / Annotation mailxml_defs:CustomerGroupID — **mailxml_base:s25** mailxml_defs:MailingGroupID — **xs:nonNegativeInteger** — required mailxml_defs:MaildatJobID — **mailxml_base:jobIDType** mailxml_defs:UserLicenseCode — **mailxml_base:userLicenseCodeType**

element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/CancelLinkage**

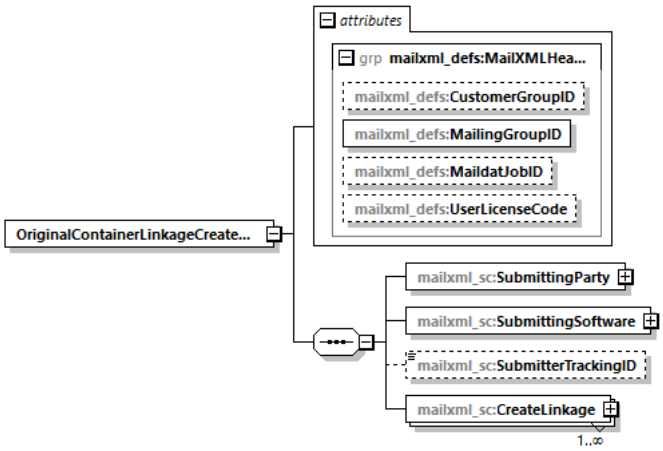
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkageType**

children	mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer

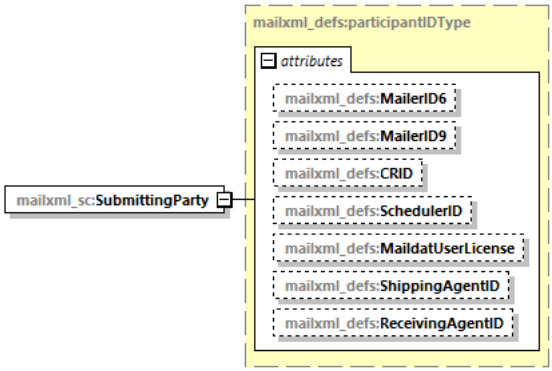
element **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **OriginalContainerLinkageCreateRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	mailxml_sc:SubmittingParty mailxml_sc:SubmittingSoftware mailxml_sc:SubmitterTrackingID mailxml_sc:CreateLinkage
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**
annotation	documentation Request to link an original container with a sibling contnainer.

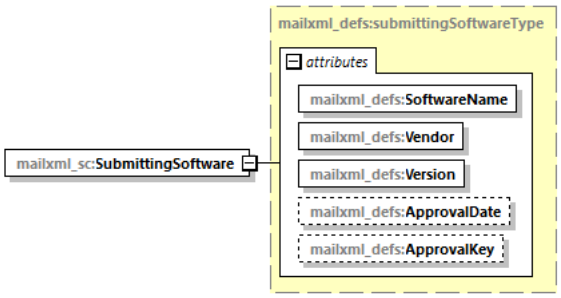
element **OriginalContainerLinkageCreateRequest/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

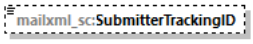
element **OriginalContainerLinkageCreateRequest/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes

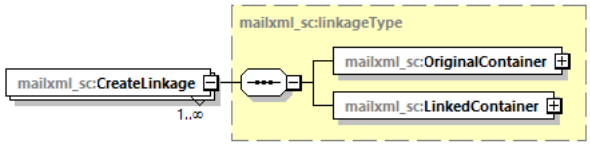
Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

element **OriginalContainerLinkageCreateRequest/SubmitterTrackingID**

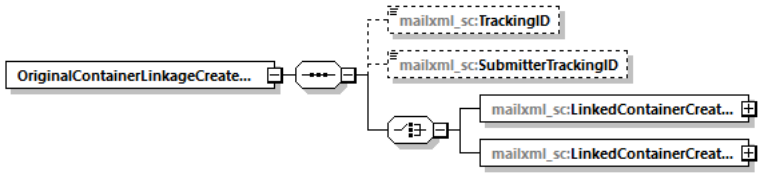
diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

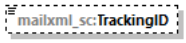
element **OriginalContainerLinkageCreateRequest/CreateLinkage**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkageType**
children	**mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer**

element **OriginalContainerLinkageCreateResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:TrackingID mailxml_sc:SubmitterTrackingID mailxml_sc:LinkedContainerCreateAccept mailxml_sc:LinkedContainerCreateReject**
annotation	documentation Response to the request to link an original container with a sibling contnainer.

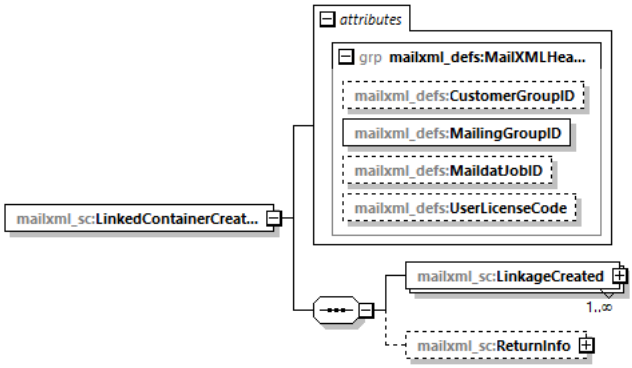
element **OriginalContainerLinkageCreateResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **OriginalContainerLinkageCreateResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

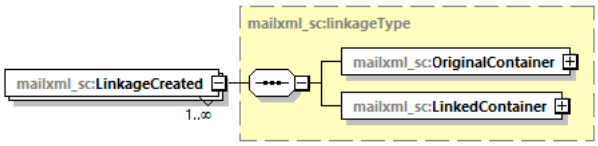
element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:LinkageCreated mailxml_sc:ReturnInfo**

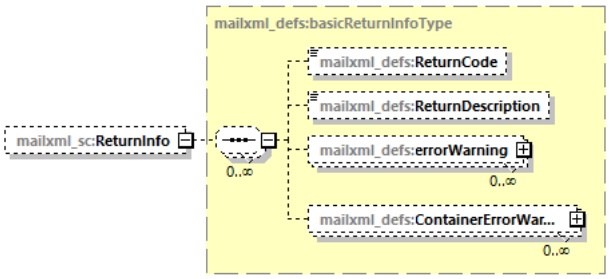
attributes

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**				

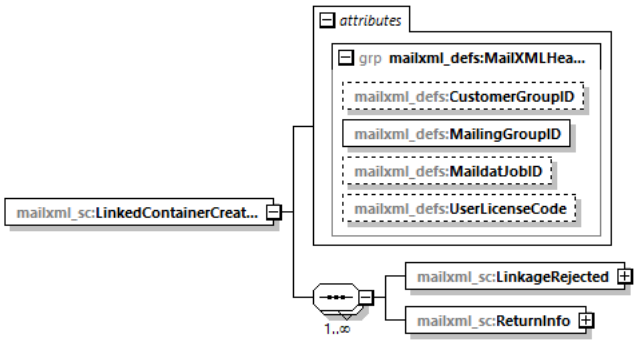
element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/LinkageCreated**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkageType**
children	**mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer**

element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

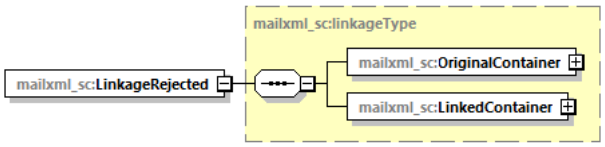
element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:LinkageRejected mailxml_sc:ReturnInfo**

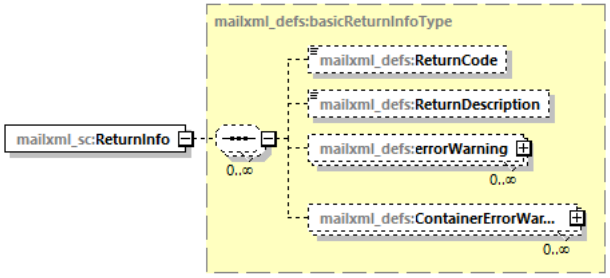
attributes

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**				

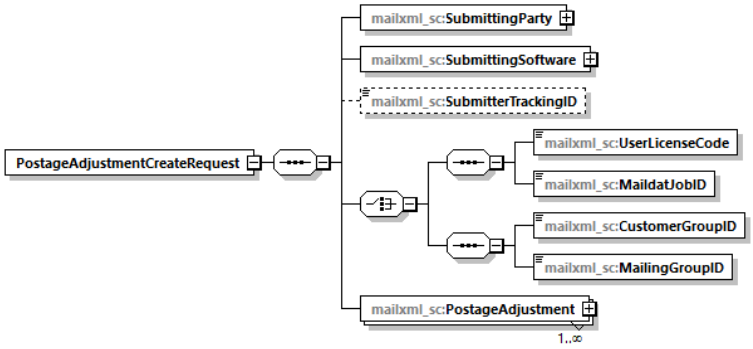
element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/LinkageRejected**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkageType**
children	**mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer**

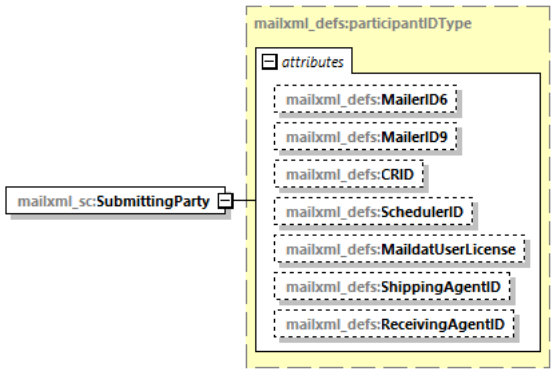
element **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **PostageAdjustmentCreateRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty mailxml_sc:SubmittingSoftware mailxml_sc:SubmitterTrackingID mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:PostageAdjustment**
annotation	documentation Request to create a postage adjustment.

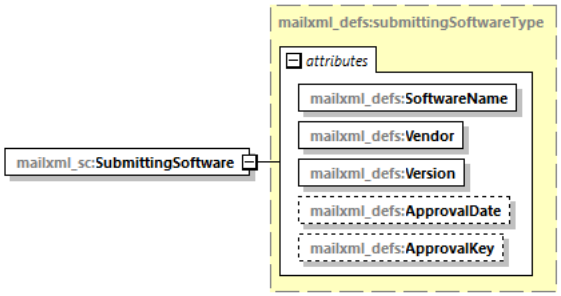
element **PostageAdjustmentCreateRequest/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

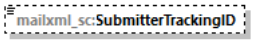
element **PostageAdjustmentCreateRequest/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

element **PostageAdjustmentCreateRequest/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **PostageAdjustmentCreateRequest/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

element **PostageAdjustmentCreateRequest/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

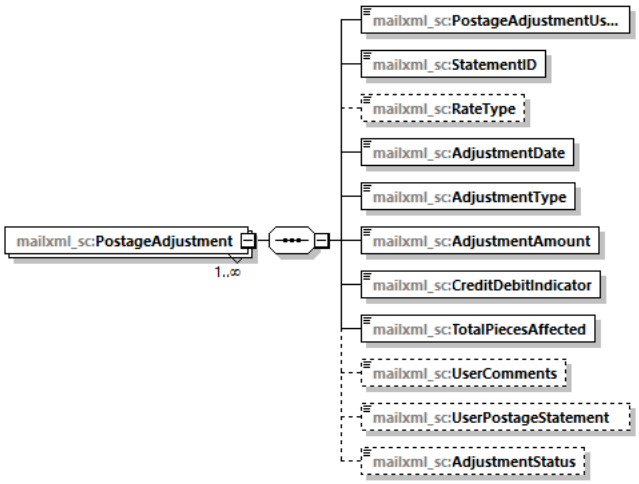
element **PostageAdjustmentCreateRequest/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

element **PostageAdjustmentCreateRequest/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **PostageAdjustmentCreateRequest/PostageAdjustment**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:PostageAdjustmentUserID** **mailxml_sc:StatementID** **mailxml_sc:RateType** **mailxml_sc:AdjustmentDate** **mailxml_sc:AdjustmentType** **mailxml_sc:AdjustmentAmount** **mailxml_sc:CreditDebitIndicator** **mailxml_sc:TotalPiecesAffected** **mailxml_sc:UserComments** **mailxml_sc:UserPostageStatementID** **mailxml_sc:AdjustmentStatus**

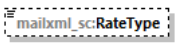
element **PostageAdjustmentCreateRequest/PostageAdjustment/PostageAdjustmentUserID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s12**

element **PostageAdjustmentCreateRequest/PostageAdjustment/StatementID**

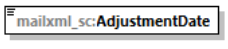
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **PostageAdjustmentCreateRequest/PostageAdjustment/RateType**

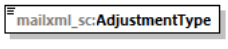
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:rateType**

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	

element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:date**

element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentType**

diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:adjustmentType**
facets	Kind / Value / Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4

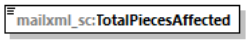
element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentAmount**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:double**

element **PostageAdjustmentCreateRequest/PostageAdjustment/CreditDebitIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:creditDebitIndicator**
facets	Kind / Value / Annotation enumeration C enumeration D

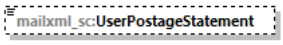
element **PostageAdjustmentCreateRequest/PostageAdjustment/TotalPiecesAffected**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **PostageAdjustmentCreateRequest/PostageAdjustment/UserComments**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

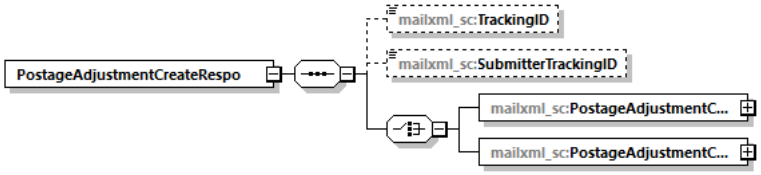
element **PostageAdjustmentCreateRequest/PostageAdjustment/UserPostageStatementID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s10**

element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentStatus**

diagram	mailxml_sc:AdjustmentStatus
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:adjustmentStatusType**
facets	Kind / Value / Annotation enumeration R enumeration X enumeration C enumeration P enumeration T

element **PostageAdjustmentCreateResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:TrackingID mailxml_sc:SubmitterTrackingID mailxml_sc:PostageAdjustmentCreateAccept mailxml_sc:PostageAdjustmentCreateReject**
annotation	documentation Response to a request to create a postage adjustment.

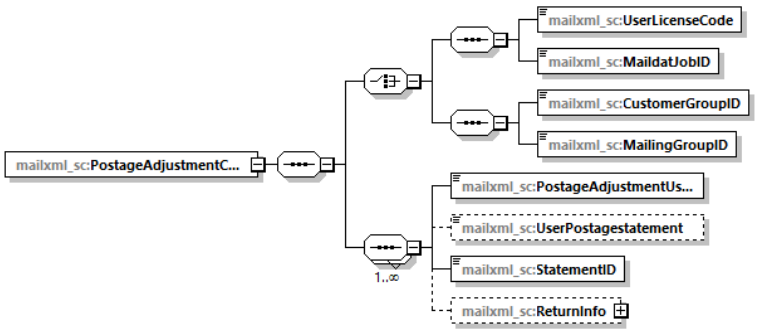
element **PostageAdjustmentCreateResponse/TrackingID**

diagram	mailxml_sc:TrackingID
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **PostageAdjustmentCreateResponse/SubmitterTrackingID**

diagram	mailxml_sc:SubmitterTrackingID
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:PostageAdjustmentUserID mailxml_sc:UserPostagestatementID mailxml_sc:StatementID mailxml_sc:ReturnInfo**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

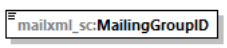
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/PostageAdjustmentUserID**

diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s12**

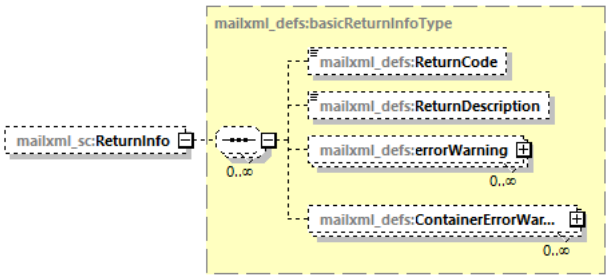
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/UserPostagestatementID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s10**

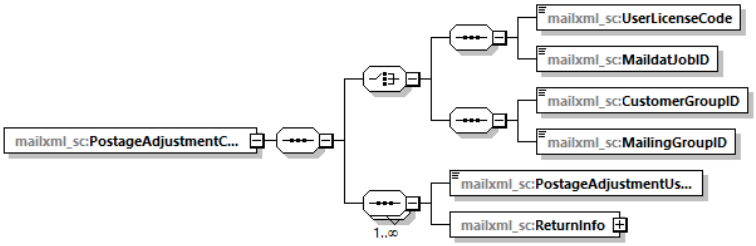
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/StatementID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:UserLicenseCode mailxml_sc:MaildatJobID mailxml_sc:CustomerGroupID mailxml_sc:MailingGroupID mailxml_sc:PostageAdjustmentUserID mailxml_sc:ReturnInfo**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

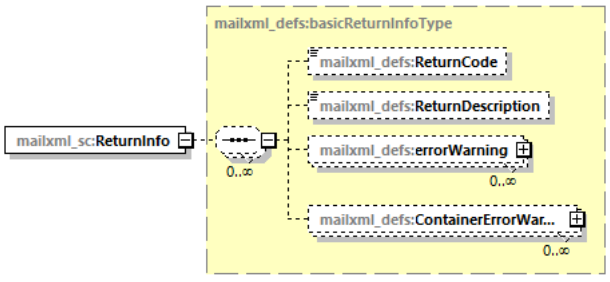
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

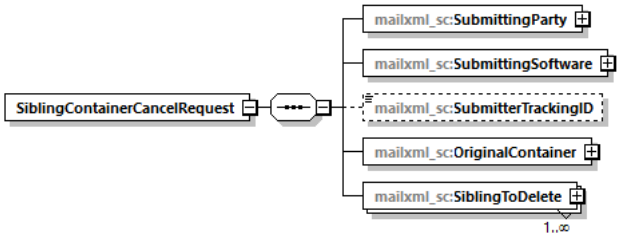
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/PostageAdjustmentUserID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s12**

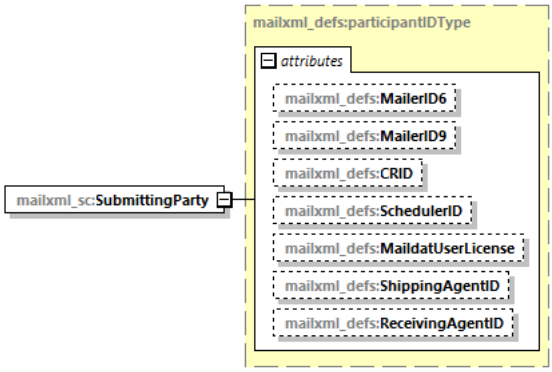
element **PostageAdjustmentCreateResponse/PostageAdjustmentCreateReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **SiblingContainerCancelRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty** **mailxml_sc:SubmittingSoftware** **mailxml_sc:SubmitterTrackingID** **mailxml_sc:OriginalContainer** **mailxml_sc:SiblingToDelete**
annotation	documentation Request to cancel a sibling container.

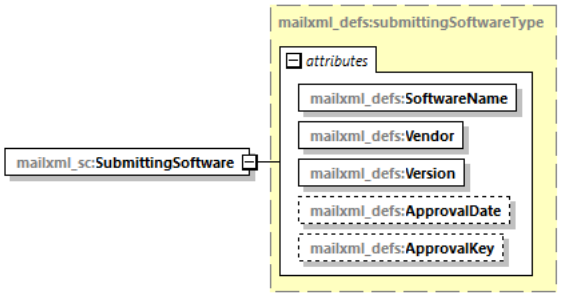
element **SiblingContainerCancelRequest/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

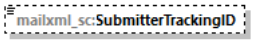
element **SiblingContainerCancelRequest/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

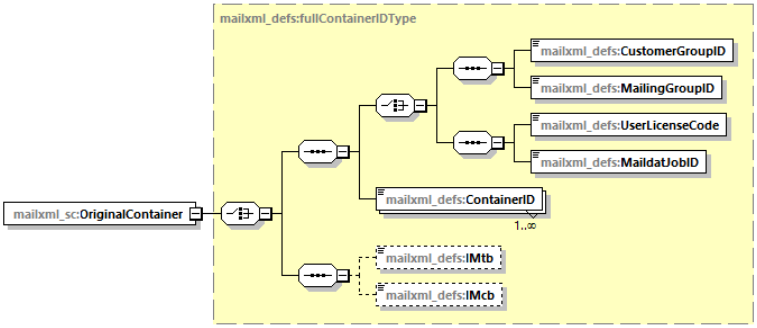
attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

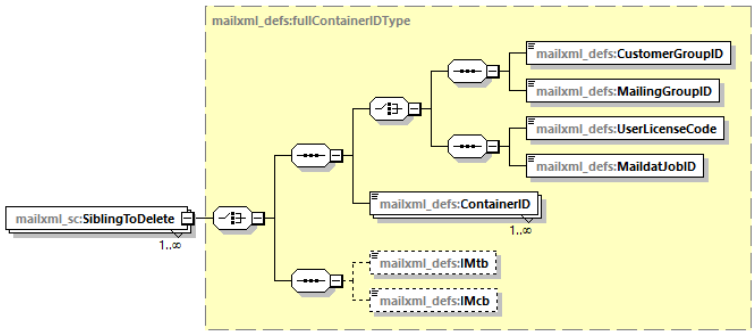
element **SiblingContainerCancelRequest/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

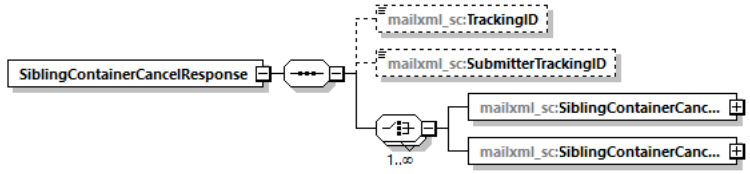
element **SiblingContainerCancelRequest/OriginalContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

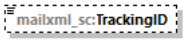
element **SiblingContainerCancelRequest/SiblingToDelete**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

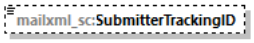
element **SiblingContainerCancelResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:TrackingID mailxml_sc:SubmitterTrackingID mailxml_sc:SiblingContainerCancelAccept mailxml_sc:SiblingContainerCancelReject**
annotation	documentation Response to a request to cancel a sibling container.

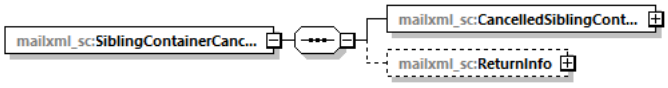
element **SiblingContainerCancelResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **SiblingContainerCancelResponse/SubmitterTrackingID**

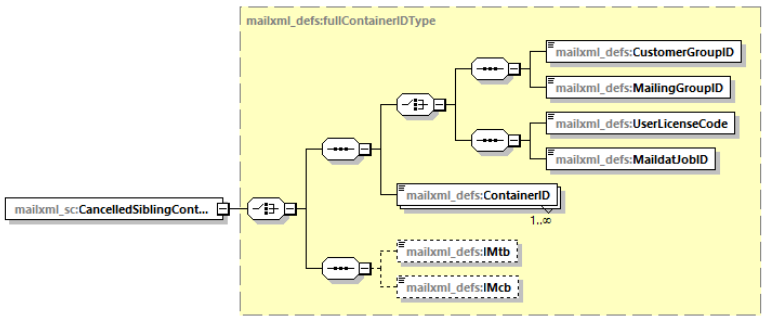
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **SiblingContainerCancelResponse/SiblingContainerCancelAccept**

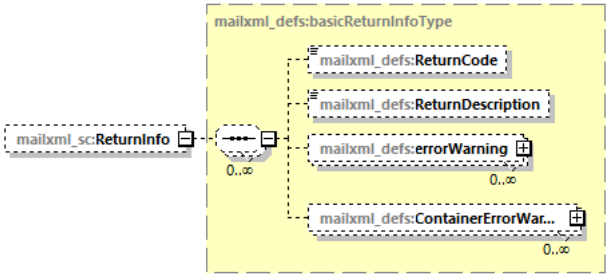
diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:CancelledSiblingContainer mailxml_sc:ReturnInfo**

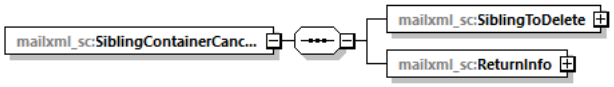
element **SiblingContainerCancelResponse/SiblingContainerCancelAccept/CancelledSiblingContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

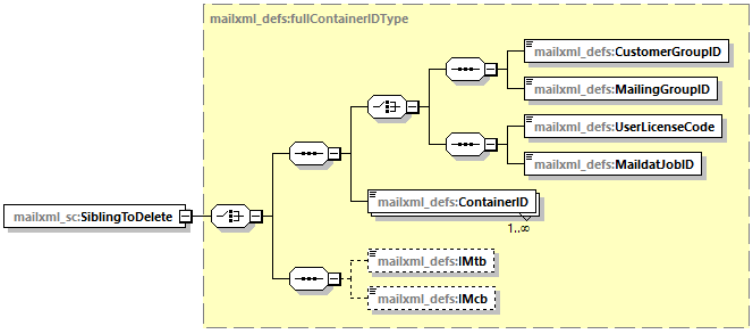
element **SiblingContainerCancelResponse/SiblingContainerCancelAccept/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

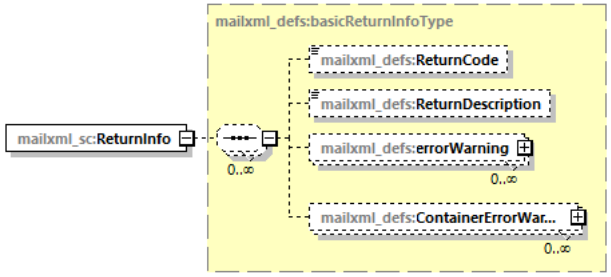
element **SiblingContainerCancelResponse/SiblingContainerCancelReject**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SiblingToDelete mailxml_sc:ReturnInfo**

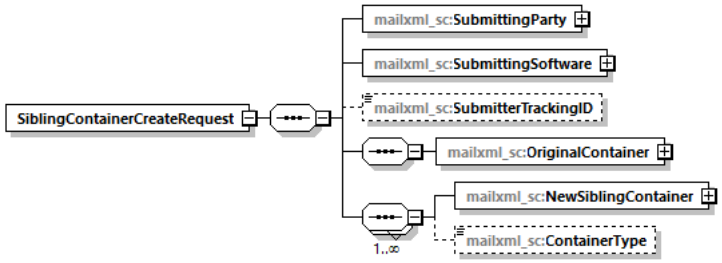
element **SiblingContainerCancelResponse/SiblingContainerCancelReject/SiblingToDelete**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

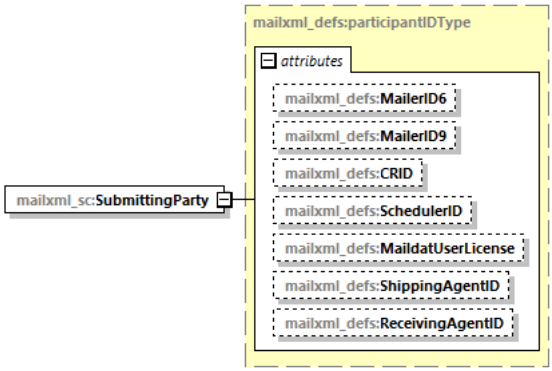
element **SiblingContainerCancelResponse/SiblingContainerCancelReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

element **SiblingContainerCreateRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:SubmittingParty mailxml_sc:SubmittingSoftware mailxml_sc:SubmitterTrackingID mailxml_sc:OriginalContainer mailxml_sc:NewSiblingContainer mailxml_sc:ContainerType**
annotation	documentation Request to create a uniquely identified sibling container by adding a sibling container to an existing Mail.dat.

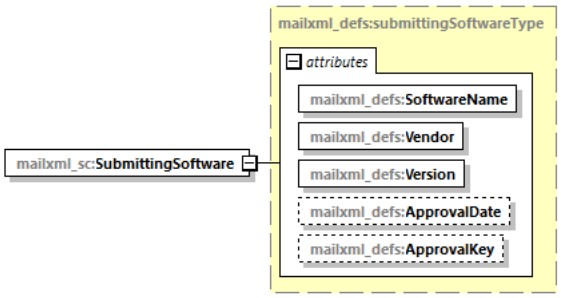
element **SiblingContainerCreateRequest/SubmittingParty**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:participantIDType**

attributes

Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:MailerID6	**mailxml_base:mailerID6Type**				
mailxml_defs:MailerID9	**mailxml_base:mailerID9Type**				
mailxml_defs:CRID	**mailxml_base:CRIDType**				
mailxml_defs:SchedulerID	**mailxml_base:s12**				
mailxml_defs:MaildatUserLicense	**mailxml_base:userLicenseCodeType**				
mailxml_defs:ShippingAgentID	**mailxml_base:s12**				
mailxml_defs:ReceivingAgentID	**mailxml_base:s12**				

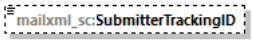
element **SiblingContainerCreateRequest/SubmittingSoftware**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:submittingSoftwareType**

attributes

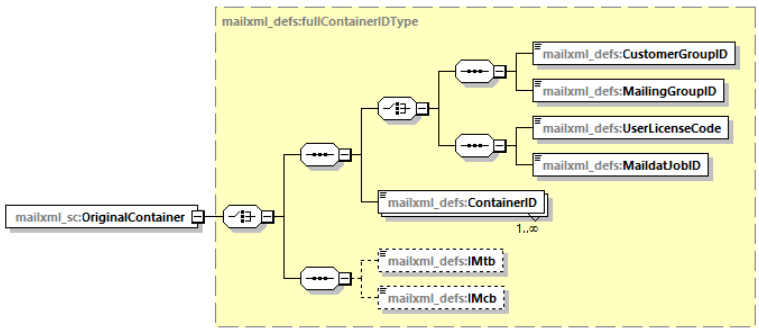
Name	Type	Use	Default	Fixed	Annotation
mailxml_defs:SoftwareName	**xs:string**	required			
mailxml_defs:Vendor	**xs:string**	required			
mailxml_defs:Version	**xs:string**	required			
mailxml_defs:ApprovalDate	**xs:date**				
mailxml_defs:ApprovalKey	**xs:string**				

element **SiblingContainerCreateRequest/SubmitterTrackingID**

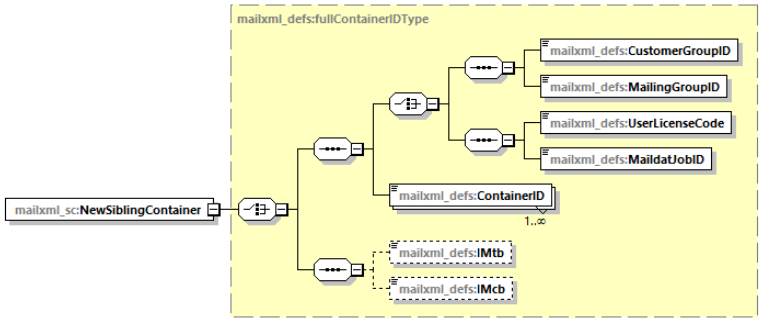
diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

element **SiblingContainerCreateRequest/OriginalContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

element **SiblingContainerCreateRequest/NewSiblingContainer**

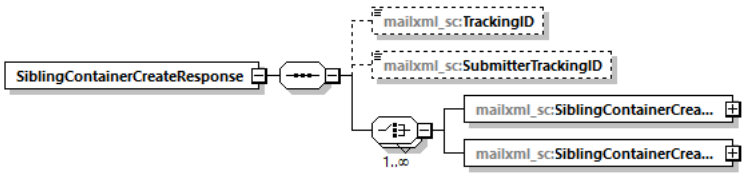
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

element **SiblingContainerCreateRequest/ContainerType**

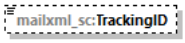
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:mailXMLContainerType**
facets	Kind / Value / Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4

	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

element **SiblingContainerCreateResponse**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:TrackingID** **mailxml_sc:SubmitterTrackingID** **mailxml_sc:SiblingContainerCreateAccept** **mailxml_sc:SiblingContainerCreateReject**
annotation	documentation Response to a request to create a uniquely identified sibling container by adding a sibling container to an existing Mail.dat

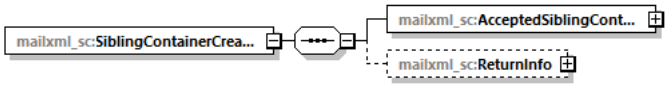
element **SiblingContainerCreateResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

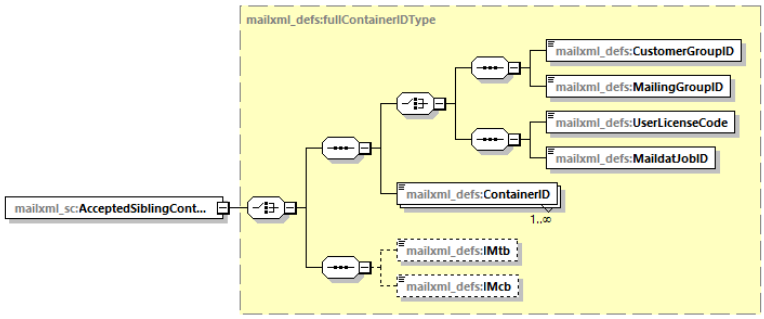
element **SiblingContainerCreateResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s20**

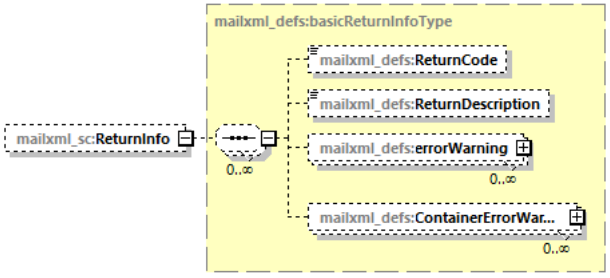
element **SiblingContainerCreateResponse/SiblingContainerCreateAccept**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:AcceptedSiblingContainer mailxml_sc:ReturnInfo**

element **SiblingContainerCreateResponse/SiblingContainerCreateAccept/AcceptedSiblingContainer**

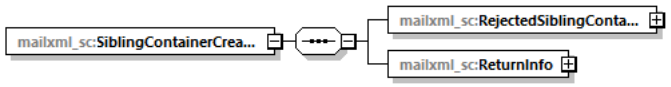
diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

element **SiblingContainerCreateResponse/SiblingContainerCreateAccept/ReturnInfo**

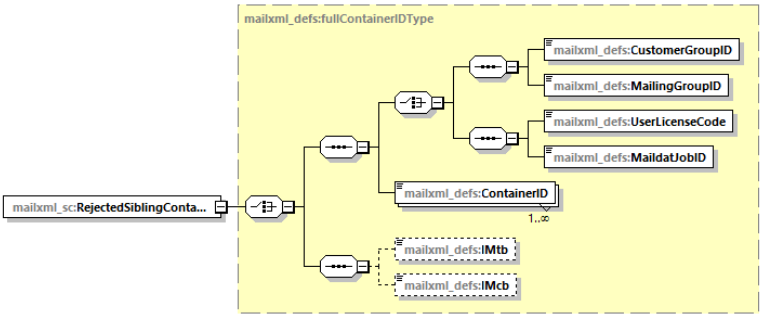
diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

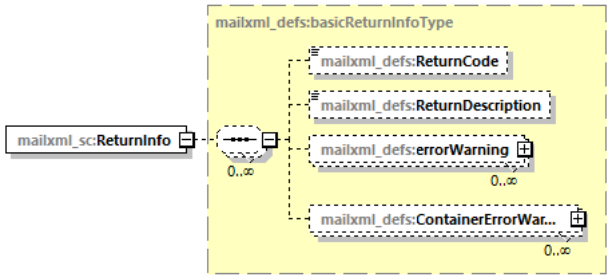
element **SiblingContainerCreateResponse/SiblingContainerCreateReject**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:RejectedSiblingContainer mailxml_sc:ReturnInfo**

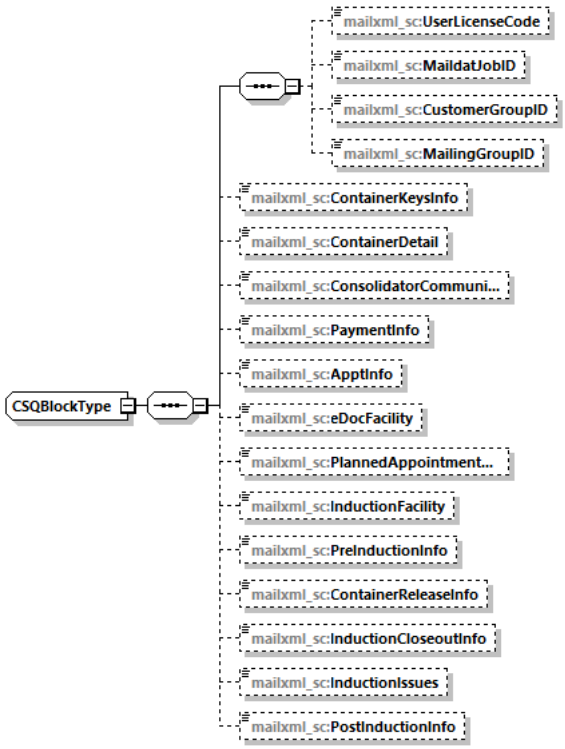
element **SiblingContainerCreateResponse/SiblingContainerCreateReject/RejectedSiblingContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:fullContainerIDType**
children	**mailxml_defs:CustomerGroupID mailxml_defs:MailingGroupID mailxml_defs:UserLicenseCode mailxml_defs:MaildatJobID mailxml_defs:ContainerID mailxml_defs:IMtb mailxml_defs:IMcb**

element **SiblingContainerCreateResponse/SiblingContainerCreateReject/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:basicReturnInfoType**
children	**mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock**

complexType **CSQBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:UserLicenseCode** **mailxml_sc:MaildatJobID** **mailxml_sc:CustomerGroupID** **mailxml_sc:MailingGroupID** **mailxml_sc:ContainerKeysInfo** **mailxml_sc:ContainerDetail** **mailxml_sc:ConsolidatorCommunicationInfo** **mailxml_sc:PaymentInfo** **mailxml_sc:ApptInfo** **mailxml_sc:eDocFacility** **mailxml_sc:PlannedAppointmentFacility** **mailxml_sc:InductionFacility** **mailxml_sc:PreInductionInfo** **mailxml_sc:ContainerReleaseInfo** **mailxml_sc:InductionCloseoutInfo** **mailxml_sc:InductionIssues** **mailxml_sc:PostInductionInfo**
used by	element **ContainerStatusNotification/CSQBlockType**

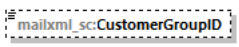
element **CSQBlockType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:userLicenseCodeType**

element **CSQBlockType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:jobIDType**

element **CSQBlockType/CustomerGroupID**

diagram	

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:s25**

element **CSQBlockType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**xs:nonNegativeInteger**

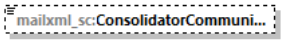
element **CSQBlockType/ContainerKeysInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/ContainerDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/ConsolidatorCommunicationInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/PaymentInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/ApptInfo**

diagram	mailxml_sc:ApptInfo
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/eDocFacility**

diagram	mailxml_sc:eDocFacility
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/PlannedAppointmentFacility**

diagram	mailxml_sc:PlannedAppointment...
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/InductionFacility**

diagram	mailxml_sc:InductionFacility
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/PreInductionInfo**

diagram	mailxml_sc:PreInductionInfo
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes

	enumeration No

element **CSQBlockType/ContainerReleaseInfo**

diagram	mailxml_sc:ContainerReleaseInfo
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/InductionCloseoutInfo**

diagram	mailxml_sc:InductionCloseoutInfo
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/InductionIssues**

diagram	mailxml_sc:InductionIssues
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

element **CSQBlockType/PostInductionInfo**

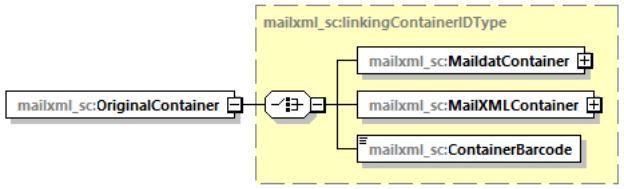
diagram	mailxml_sc:PostInductionInfo
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:yesNo**
facets	Kind Value Annotation enumeration Yes enumeration No

complexType **linkageType**

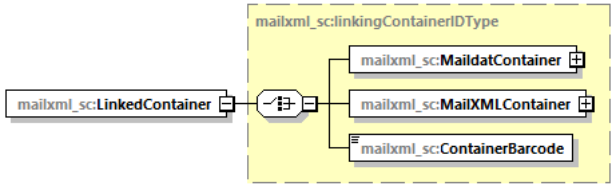
diagram	linkageType → mailxml_sc:OriginalContainer, mailxml_sc:LinkedContainer
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:OriginalContainer mailxml_sc:LinkedContainer**

used by	elements **OriginalContainerLinkageCancelRequest/CancelLinkage** **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelAccept/CancelLinkage** **OriginalContainerLinkageCancelResponse/OriginalContainerLinkageCancelReject/CancelLinkage** **OriginalContainerLinkageCreateRequest/CreateLinkage** **OriginalContainerLinkageCreateResponse/LinkedContainerCreateAccept/LinkageCreated** **OriginalContainerLinkageCreateResponse/LinkedContainerCreateReject/LinkageRejected**

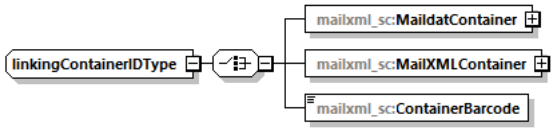
element **linkageType/OriginalContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkingContainerIDType**
children	**mailxml_sc:MaildatContainer** **mailxml_sc:MailXMLContainer** **mailxml_sc:ContainerBarcode**

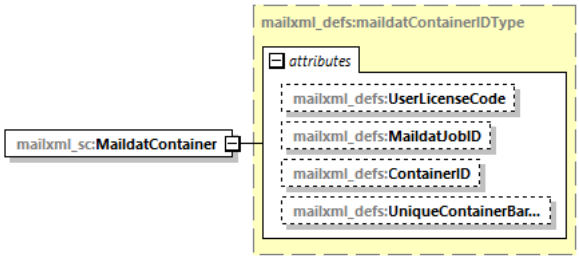
element **linkageType/LinkedContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_sc:linkingContainerIDType**
children	**mailxml_sc:MaildatContainer** **mailxml_sc:MailXMLContainer** **mailxml_sc:ContainerBarcode**

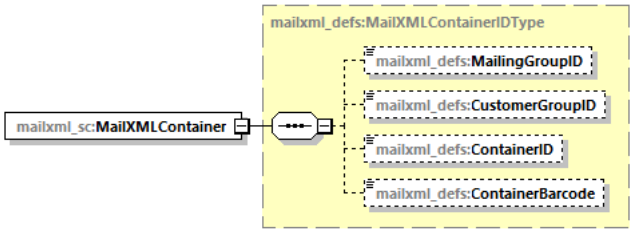
complexType **linkingContainerIDType**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
children	**mailxml_sc:MaildatContainer** **mailxml_sc:MailXMLContainer** **mailxml_sc:ContainerBarcode**
used by	elements **linkageType/LinkedContainer** **linkageType/OriginalContainer**

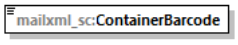
element **linkingContainerIDType/MaildatContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:maildatContainerIDType**
attributes	Name / Type / Use / Default / Fixed / Annotation mailxml_defs:UserLicenseCode — **mailxml_base:userLicenseCodeType** mailxml_defs:MaildatJobID — **mailxml_base:jobIDType** mailxml_defs:ContainerID — **mailxml_base:s06** mailxml_defs:UniqueContainerBarcode — **mailxml_base:IMcbType**

element **linkingContainerIDType/MailXMLContainer**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_defs:MailXMLContainerIDType**
children	**mailxml_defs:MailingGroupID mailxml_defs:CustomerGroupID mailxml_defs:ContainerID mailxml_defs:ContainerBarcode**

element **linkingContainerIDType/ContainerBarcode**

diagram	
namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	**mailxml_base:IMcbType**

simpleType **adjustmentStatusType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc
type	restriction of **xs:string**
used by	element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentStatus**
facets	Kind / Value / Annotation enumeration — R enumeration — X

	enumeration	C
	enumeration	P
	enumeration	T

simpleType **adjustmentType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc		
type	restriction of **xs:string**		
used by	element **PostageAdjustmentCreateRequest/PostageAdjustment/AdjustmentType**		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	

simpleType **containerInfoIncludedInResponseFlagType**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc		
type	restriction of **xs:string**		
used by	element **ContainerStatusQueryRequest/ContainerInfoIncludedInResponseFlag**		
facets	Kind	Value	Annotation
	enumeration	ContainerDetail	
	enumeration	PalletHandoffInfo	
	enumeration	ConsolidatorCommunicationInfo	
	enumeration	PaymentInfo	
	enumeration	AppointmentInfo	
	enumeration	FacilityInfo	
	enumeration	PreInductionValidation	
	enumeration	ContainerReleaseInfo	
	enumeration	InductionCloseoutInfo	
	enumeration	InductionIssues	
	enumeration	PostInductionValidation	
	enumeration	All	

simpleType **creditDebitIndicator**

namespace	http://idealliance.org/Specs/mailxml22.0/mailxml_sc		
type	restriction of **xs:string**		
used by	element **PostageAdjustmentCreateRequest/PostageAdjustment/CreditDebitIndicator**		
facets	Kind	Value	Annotation
	enumeration	C	
	enumeration	D	

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