

Mail.XML Version 26.0

System Messages Specification

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Abstract

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

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About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing. The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

What's New in Mail.XML Version 26.0?

With this release, the Mail.XML Messaging Protocol moves to Version 26.0. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 26.0 include:

- CR 2601 - Align the Mail.XML with Informed Delivery application: Decrease the Campaign Title from 60 to 40 characters, and Increase the Display Name from 30 to 40 characters
- CR 2603 - Added new values, RG and CR, to characteristicIncentiveType to support promotions
- CR 2604 - Added new value, 2, to zoneICType
- CR 2605 - Removed the value associated with the Outside Parcel Processing Category
- CR 2606 - Removed the Rate Type and Rate Category values for Priority Mail Regional Rate Boxes so that this decommissioned product may not be available.
- CR 2607 - Removed the Containerization Discount enumeration values from the rateCategoryType type
- CR 2609 - Added rateLevelType enumerations for missing Container Quantity Detail Rate Levels
- CR 2610 - Removed commercialplus from priceType type
- CR 2611 - Removed "FSS" related enumeration values from various types

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/mailxml26.0/mailxml"`
`targetNamespace="http://delivery-tech.org/Specs/mailxml26.0/mailxml"`

- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml26.0A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.0A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml26.0B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.0B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml26.0/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.0.xsd' <- Major Version

Mail.XML 26.0 XSD Modules:

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

- Mail.XML_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=Mail.XML_tm:
- Mail.XML_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_mm:
- Mail.XML_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_iv:
- Mail.XML_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_dd:
- Mail.XML_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_id:
- Mail.XML_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_sc:
- Mail.XML_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=Mail.XML_defs:
- Mail.XML_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=Mail.XML_base:
- Mail.XML.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=Mail.XML:

The Mail.XML™ 26.0 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 26.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 26.0: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 26.0: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 26.0: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 26.0: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 26.0: Identification Messaging Specification documents all identification messages
- Mail.XML™ 26.0: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 26.0: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 26.0: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 26.0: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 26.0: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema **mailxml_iv_26.0.xsd**

schema location: [..\XSDs\mailxml iv 26.0.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv**

Elements

[ContainerVisibilityDelivery](#)
[ContainerVisibilityEntry](#)
[ContainerVisibilityNotification](#)
[ContainerVisibilityQueryRequest](#)
[ContainerVisibilityQueryResponse](#)
[IMbMailpieceScanData](#)

[MPSVisDelivery](#)
[MPSVisNotification](#)
[MPSVisQueryRequest](#)
[MPSVisQueryResponse](#)

[StartTheClockBMEUBlock](#)
[StartTheClockDelivery](#)
[StartTheClockDropShipOrOrigin](#)
[StartTheClockNotification](#)
[StartTheClockPlantLoadBlock](#)
[StartTheClockQueryRequest](#)
[StartTheClockQueryResponse](#)

Complex types

[clockStartedType](#)
[manifestScanEventDetailType](#)
[manifestScanNotificationDataType](#)
[manifestScanQueryType](#)
[MPSNotificationDataType](#)
[MPSRequestTypeType](#)

[MPSVisScanQueryType](#)

[PSRBlockType](#)

[scanEventQueryTypeType](#)
[ScanEventResultOptionsType](#)

Simple types

[eDocTypeType](#)
[handlingEventTypeType](#)
[mailObjectTypeType](#)
[recipientRoleType](#)
[scanEventCodeType](#)

Elements – Complex Types – Simple Types

element **ContainerVisibilityDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ContainerVisibilityEntry
annotation	documentation Delivery of full service container visibility information by uSPS.

element ContainerVisibilityEntry

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ConsigneeApptID mailxml_iv:CSAID mailxml_iv:ContainerID mailxml_iv:MailObjectType mailxml_iv:HandlingEventType mailxml_iv:ParentContainerID mailxml_iv:SiblingContainerID mailxml_iv:ContainerType mailxml_iv:ScanEvent mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ScanEventCode mailxml_iv:RecipientRole
used by	elements ContainerVisibilityDelivery ContainerVisibilityQueryResponse/QueryResults

element **ContainerVisibilityNotification**

diagram	<p>ContainerVisibilityNotification</p> <p>Notification sent by USPS that full service container visibility information is ready for pickup.</p> <p>mailxml_iv:SubmittingParty</p> <p>mailxml_iv:SubmittingSoftware</p> <p>mailxml_iv:PushMessageID</p> <p>mailxml_iv:UserLicenseCode</p> <p>mailxml_iv:MaildatJobID</p> <p>mailxml_iv:CustomerGroupID</p> <p>mailxml_iv:MailingGroupID</p> <p>mailxml_iv:FSNonFSAvailabilityDate</p> <p>mailxml_iv:AvailableRecordCount</p> <p>mailxml_iv:CountType</p> <p>mailxml_iv:NotificationDate</p>
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:AvailableRecordCount mailxml_iv:CountType mailxml_iv:NotificationDate
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

element ContainerVisibilityQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:DateRange mailxml_iv:ConsigneeApptID mailxml_iv:CSAID mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:USPSFacilityLocaleKey mailxml_iv:ContainerScanState mailxml_iv:retrieveDataBy mailxml_iv:MailObjectType mailxml_iv:HandlingEventType mailxml_iv:ScanEventCode mailxml_iv:RecipientRole
annotation	documentation Query request for for full service container visibility information.

element ContainerVisibilityQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError
annotation	<p>documentation</p> <p>Response to the Query request for for full service container visibility information.</p>

element IMbMailpieceScanData

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:MailBundleCount mailxml_iv:MPSCount mailxml_iv:IMcbAndIMtbPieceScanInfo mailxml_iv:IMcbPieceScanInfo mailxml_iv:IMtbPieceScanInfo mailxml_iv:IMbScanRec
used by	<p>elements</p> <p>MPSVisQueryResponse/QueryResults MPSVisDelivery</p>

element **MPSVisDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail
annotation	documentation Delivery of the Mail Piece Scanned Data to customer by USPS.

element **MPSVisNotification**

diagram	<p>The diagram shows the structure of the MPSVisNotification element. It is a sequence of the following child elements:</p> <ul style="list-style-type: none"> mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:AvailableRecordCount mailxml_iv:NotificationDate A choice element containing: <ul style="list-style-type: none"> mailxml_iv:MPSNotificationData mailxml_iv:ManifestScanNotific... <p>Notification from USPS that the Mail Piece Scanned Data is ready.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:AvailableRecordCount mailxml_iv:NotificationDate mailxml_iv:MPSNotificationData mailxml_iv:ManifestScanNotification
annotation	documentation Notification from USPS that the Mail Piece Scanned Data is ready.

element **MPSVisQueryRequest**

diagram	<p>The diagram shows the structure of the MPSVisQueryRequest element. It is a sequence of the following child elements:</p> <ul style="list-style-type: none"> mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID A choice element containing: <ul style="list-style-type: none"> mailxml_iv:ManifestScanQuery mailxml_iv:MPSVis ScanQueryT... mailxml_iv:RetrieveDataBy
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ManifestScanQuery mailxml_iv:MPSVis ScanQueryType mailxml_iv:RetrieveDataBy

element MPSVisQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:eDocType mailxml_iv:QueryResults mailxml_defs:QueryError

element StartTheClockBMEUBlock

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEU
used by	complexType clockStartedType

element StartTheClockDelivery

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ClockStarted
annotation	documentation Delivery of start the clock information to customer by USPS.

element StartTheClockDropShipOrOrigin

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:PublicationNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:DropShipYesNo mailxml_iv:UspsFacilityName mailxml_iv:UspsFacilityLocaleKey mailxml_iv:City mailxml_iv:State mailxml_iv:ApptDateTime mailxml_iv:ArrivalDateTime mailxml_iv:UnloadStartDateTime mailxml_iv:UnloadEndDateTime mailxml_iv:ApptStatus mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb
used by	element clockStartedType/StartTheClockDropShipOrOriginBlock

element StartTheClockNotification

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAAvailabilityDate mailxml_iv:NotificationDate
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

element StartTheClockPlantLoadBlock

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:StartTheClockPlantLoad
used by	complexType clockStartedType

element StartTheClockQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:CustomerAccount mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange mailxml_iv:retrieveDataBy
annotation	documentation Query request for start the clock information.

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:CustomerAccount mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange mailxml_iv:retrieveDataBy
annotation	documentation Query request for start the clock information.

element **StartTheClockQueryResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the query for start the clock information.

complexType **clockStartedType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock
used by	elements StartTheClockDelivery/ClockStarted StartTheClockQueryResponse/QueryResults/ClockStarted

complexType manifestScanEventDetailType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:USPEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID
used by	elements MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail MPSVisDelivery/UnManifestedScanEventDetail MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail

complexType manifestScanNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID

used by	element MPSVisNotification/ManifestScanNotification
---------	------------------------------------------------------------

complexType manifestScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisQueryRequest/ManifestScanQuery

complexType MPSNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate
used by	element MPSVisNotification/MPSNotificationData

complexType MPSRequestTypeType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy

complexType MPSVisScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag
used by	element MPSVisQueryRequest/MPSVisScanQueryType

complexType PSRBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv

children	mailxml_iv:PRID mailxml_iv:IMBLS mailxml_iv:IMBUS mailxml_iv:STCode mailxml_iv:Class mailxml_iv:SLI
----------	-----------------------------------------------------------------------------------------------------

complexType scanEventQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

complexType ScanEventResultOptionsType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb

used by	element scanEventQueryType/ResultOptions
---------	-------------------------------------------------

simpleType **eDocTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
type	restriction of xs:string
used by	elements MPSVisDelivery/eDocType MPSVisNotification/eDocType MPSVisQueryResponse/eDocType

simpleType **handlingEventTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/HandlingEventType ContainerVisibilityEntry/HandlingEventType

simpleType **mailObjectTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/MailObjectType ContainerVisibilityEntry/MailObjectType

simpleType **recipientRoleType**

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/RecipientRole ContainerVisibilityEntry/RecipientRole

simpleType **scanEventCodeType**

namespace	http://delivery-tech.org/Specs/mailxml26.0/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/ScanEventCode ContainerVisibilityEntry/ScanEventCode