

Mail.XML Version 24.2

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.

About Mail.XML Schema Modularization

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

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

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

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML wrapper schema**(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the

new version and the new version number will be used in the namespace and target declarations:
xmlns:mailxml=http://delivery-tech.org/Specs/mailxml24.2/mailxml targetNamespace=http://delivery-tech.org/Specs/mailxml24.2/mailxml

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

For example:

- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml24.2A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.2A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml24.2B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.2B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml24.2/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.2.xsd' <- Major Version

What's New in Mail.XML Version 24.2?

With this release, the Mail.XML Messaging Protocol moves to Version 24.2. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 24.2 include:

- CR 2510 - Proposal to update the campaignDataType complex type to be consistent with the USPS Informed Delivery product.
- CR 2508 / 2413 - Proposal to remove ServiceCodeType value of SA for Fragile and update the value description list. The service will not be supported by USPS
- CR 2509 / 2414 - Proposal to update and Add Rate Category values to support Containerizations Discount for USPS Marketing Mail Flats
- CR 2511 / 2415 - Proposal to update and Add Rate Category values to support Package Service Parcel Select Ground Cubic pricing

Mail.XML 24.2 XSD Modules:

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

Note: Actual xsd filenames include the version number (e.g. *mailxml_base_24.2.xsd*).

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

The Mail.XML™ 24.2 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 24.2. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 24.2: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 24.2: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 24.2: Informed Visibility Specification documents all informed visibility messages

- Mail.XML™ 24.2: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 24.2: Identification Messaging Specification documents all identification messages
- Mail.XML™ 24.2: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 24.2: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 24.2: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 24.2: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 24.2: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Elements	Error! Bookmark not defined.

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Schema mailxml_iv_24.2.xsd

schema location: [../MailXML v24.2 FINAL/mailxml_iv_24.2.xsd](http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml24.2/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	<p>ContainerVisibilityDelivery Delivery of full service container visibility information by uSPS.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>Sequence of child elements:</p> <ul style="list-style-type: none"> mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ContainerVisibilityEntry (1..∞)
namespace	http://delivery-tech.org/Specs/mailxml24.2/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/mailxml24.2/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:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ScanEventCode mailxml_iv:RecipientRole
used by	elements ContainerVisibilityDelivery ContainerVisibilityQueryResponse/QueryResults

element ContainerVisibilityNotification

diagram	<p>ContainerVisibilityNotification Notification sent by USPS that full service container visibility information is ready for pickup.</p> <ul style="list-style-type: none"> mailxml_iv:SubmittingParty (optional) mailxml_iv:SubmittingSoftware (optional) mailxml_iv:PushMessageID (optional) Choice: <ul style="list-style-type: none"> mailxml_iv:UserLicenseCode, mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID, mailxml_iv:MailingGroupID mailxml_iv:FNonFSAvailabilityDate (optional) Choice (0..∞): <ul style="list-style-type: none"> mailxml_iv:AvailableRecordCount, mailxml_iv:CountType mailxml_iv:NotificationDate (optional)
namespace	http://delivery-tech.org/Specs/mailxml24.2/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:FNonFSAvailabilityDate 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/mailxml24.2/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

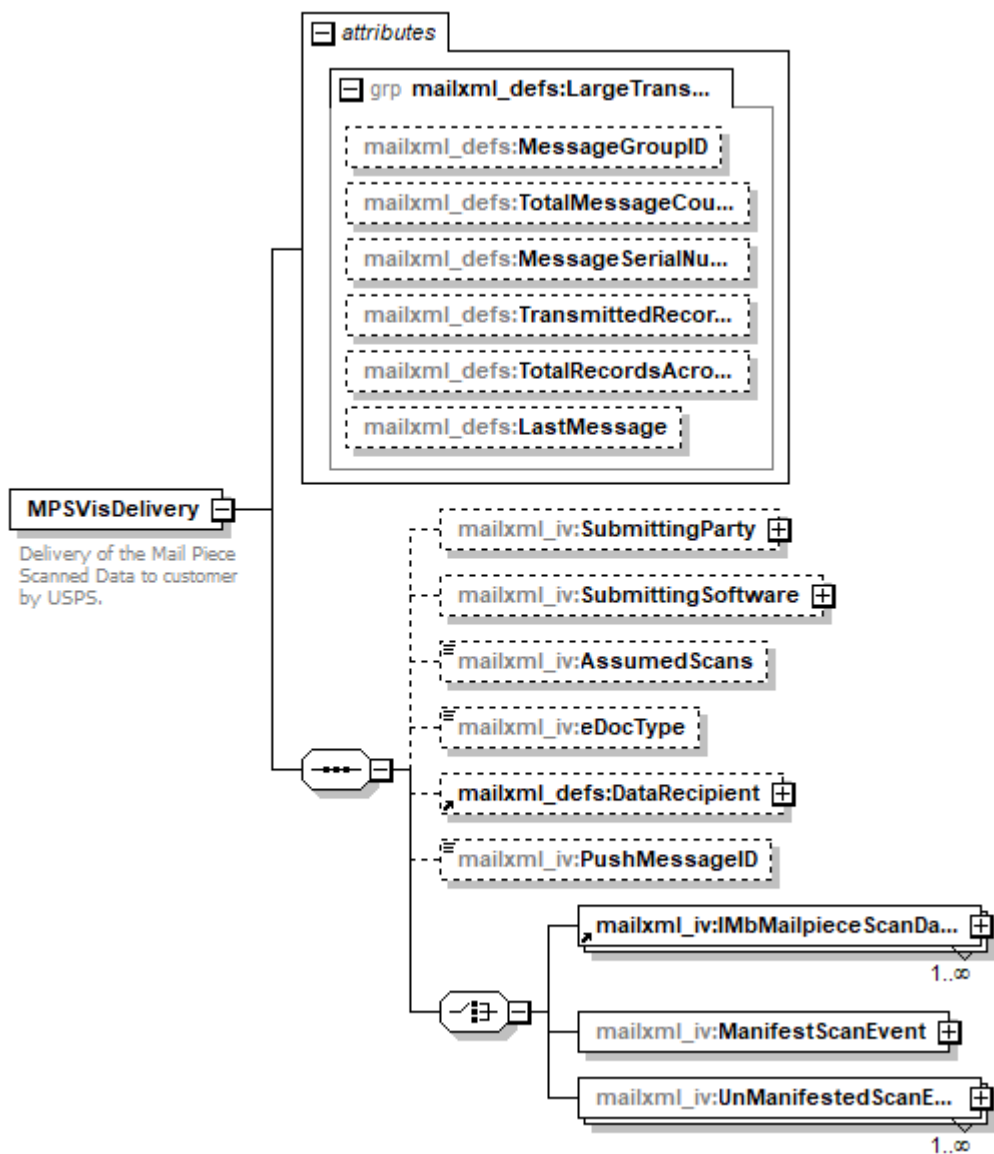
diagram	<p>ContainerVisibilityQueryRespo... Response to the Query request for for full service container visibility information.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_iv:TrackingID</p> <p>mailxml_iv:SubmitterTrackingID</p> <p>mailxml_iv:QueryResults</p> <p>mailxml_defs:QueryError</p> <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.2/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/mailxml24.2/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	elements MPSVisQueryResponse/QueryResults MPSVisDelivery

element MPSVisDelivery

diagram



namespace http://delivery-tech.org/Specs/mailxml24.2/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>Notification from USPS that the Mail Piece Scanned Data is ready.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.2/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	
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ManifestScanQuery mailxml_iv:MPSVisScanQueryType mailxml_iv:RetrieveDataBy

element MPSVisQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.2/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/mailxml24.2/mailxml_iv
children	mailxml_iv:StartTheClockBMEU
used by	complexType clockStartedType

element **StartTheClockDelivery**

diagram	<p>The diagram illustrates the structure of the StartTheClockDelivery element. It begins with a solid box labeled StartTheClockDelivery with the text "Delivery of start the clock information to customer by USPS." below it. This is followed by a sequence container (dashed box with three dots) containing four elements: mailxml_iv:SubmittingParty, mailxml_iv:SubmittingSoftware, mailxml_defs:DataRecipient, and mailxml_iv:PushMessageID. This is followed by another sequence container (dashed box with three dots) containing mailxml_iv:ClockStarted. The second sequence container has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ClockStarted
annotation	<p>documentation</p> <p>Delivery of start the clock information to customer by USPS.</p>

element **StartTheClockDropShipOrOrigin**

diagram



namespace http://delivery-tech.org/Specs/mailxml24.2/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:FSTNonFSAAvailabilityDate 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**

<p>diagram</p>	
namespace	http://delivery-tech.org/Specs/mailxml24.2/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:FSTNonFSAAvailabilityDate mailxml_iv:NotificationDate
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

element **StartTheClockPlantLoadBlock**

<p>diagram</p>	
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	mailxml_iv:StartTheClockPlantLoad
used by	complexType clockStartedType

element StartTheClockQueryRequest

diagram	<pre> xsd:element name="StartTheClockQueryRequest" type="StartTheClockQueryRequestType"> <p>Query request for start the clock information.</p> <div> <div> <div>mailxml_iv:SubmittingParty</div> <div>mailxml_iv:SubmittingSoftware</div> <div>mailxml_iv:SubmitterTrackingID</div> </div> <div> <div> <div>mailxml_iv:ConsigneeApptID</div> <div>mailxml_iv:CSADispatchNumber</div> </div> <div> <div> <div>mailxml_iv:UserLicenseCode</div> <div>mailxml_iv:MaildatJobID</div> </div> <div> <div>mailxml_iv:CustomerGroupID</div> <div>mailxml_iv:MailingGroupID</div> </div> <div>mailxml_iv:CustomerAccount</div> </div> <div> <div>mailxml_iv:LowerDateRange</div> <div>mailxml_iv:UpperDateRange</div> <div>mailxml_iv:retrieveDataBy</div> </div> </div> </div> </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.2/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/mailxml24.2/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/mailxml24.2/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/mailxml24.2/mailxml_iv
children	mailxml_iv:USPSEventExtractFileVersionNumber 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
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complexType manifestScanNotificationDataType

diagram		
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv	
children	mailxml_iv:ConsigneeManifestID	
used by	element	MPSVisNotification/ManifestScanNotification

complexType manifestScanQueryType

diagram		
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv	
children	mailxml_iv:ConsigneeManifestID	
used by	element	MPSVisQueryRequest/ManifestScanQuery

complexType MPSNotificationDataType

diagram		
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv	
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate	
used by	element	MPSVisNotification/MPSNotificationData

complexType MPSRequestTypeType

diagram		
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv	
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy	

complexType **MPSVisScanQueryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.2/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	<div> <div>element</div> <div>MPSVisQueryRequest/MPSVisScanQueryType</div> </div>

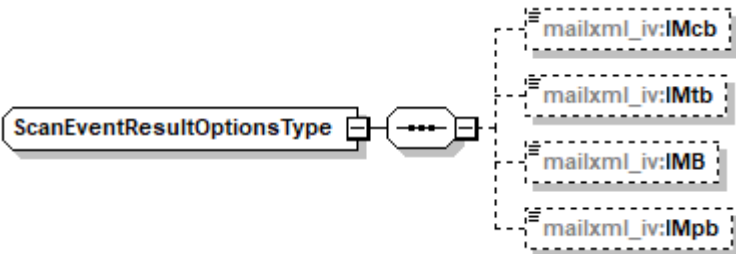
complexType **PSRBlockType**

diagram	<pre> xsd:element name="PSRBlockType" type="complexType PSRBlockType"> <xsd:sequence> <xsd:element base="mailxml_iv:PRID" minoccurs="0" name="PRID" type="string"></xsd:element> <xsd:element base="mailxml_iv:IMBLS" minoccurs="0" name="IMBLS" type="string"></xsd:element> <xsd:element base="mailxml_iv:IMBUS" minoccurs="0" name="IMBUS" type="string"></xsd:element> <xsd:choice> <xsd:element base="mailxml_iv:STCode" minoccurs="0" name="STCode" type="string"></xsd:element> <xsd:element base="mailxml_iv:Class" minoccurs="0" name="Class" type="string"></xsd:element> </xsd:choice> <xsd:element base="mailxml_iv:SLI" minoccurs="0" name="SLI" type="string"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	mailxml_iv:PRID mailxml_iv:IMBLS mailxml_iv:IMBUS mailxml_iv:STCode mailxml_iv:Class mailxml_iv:SLI

complexType scanEventQueryTypeType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	<p>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</p>

complexType ScanEventResultOptionsType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb
used by	element scanEventQueryType/ResultOptions

simpleType eDocType

namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
type	restriction of xs:string
used by	elements MPSVisDelivery/eDocType MPSVisNotification/eDocType MPSVisQueryResponse/eDocType

simpleType handlingEventType

namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/HandlingEventType ContainerVisibilityEntry/HandlingEventType

simpleType mailObjectType

namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/MailObjectType ContainerVisibilityEntry/MailObjectType

simpleType recipientRoleType

namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/RecipientRole ContainerVisibilityEntry/RecipientRole

simpleType scanEventCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.2/mailxml_iv
type	restriction of xs:string
used by	elements ContainerVisibilityQueryRequest/ScanEventCode ContainerVisibilityEntry/ScanEventCode