

Retrieving 99M Barcodes in Web Services Job Aid

Table of Contents

1. 99M Barcodes	2
2. Mail.XML Messages to Retrieve 99M Barcodes.....	2
3. DeliveryContentQueryRequest & DeliveryContentQueryResponse	3
4. PartnerApptQueryRequest & PartnerApptQueryResponse	6

1. 99M Barcodes

For FAST Full Service mailings, customers are required to electronically submit unique 99M barcode data to FAST for all content linked or associated to a particular appointment. For non-Full Service mailings, users have the option of associating 99M barcodes to their content as well. 99M barcodes provide greater tracking of content and support intelligent mailing strategies. These barcodes are 24 digits long, begin with "99M" and are followed by subsequent alphanumeric characters. 99M barcodes are also referred to as Intelligent Mail Container Barcodes (IMcb).

Users are able to query and retrieve their associated unique 99M barcodes electronically through the use of Web Services/Mail.XML.

2. Mail.XML Messages to Retrieve 99M Barcodes

The following Mail.XML messages below can be utilized by customers in order to query their 99M barcodes which have been previously provided electronically to FAST:

- DeliveryContentQueryRequest & DeliveryContentQueryResponse
- PartnerApptQueryRequest & PartnerApptQueryResponse

Steps to retrieve 99M barcodes:

1. Create query request messages with required content data elements or required appointment data elements. See chart below for elements required for querying 99M content barcodes associated to an appointment, or stand-alone content 99M barcodes.
2. Submit query request message to Mail.XML through web services software tool
3. For valid query request messages, FAST will return a query response message to the which includes the 99M barcodes

Please see the sections below for further descriptions of each message.

3. DeliveryContentQueryRequest & DeliveryContentQueryResponse

In order for users to retrieve their 99M barcodes they must submit a Mail.XML query request message and FAST will return a query response message with the subsequent data. The DeliveryContentQueryRequest & DeliveryContentQueryResponse messages allow users to query 99M content data that has been sent previously to FAST and is associated to the user.

DeliveryContentQuery Required Fields

Query a Stand-Alone Content	Query one piece of content associated to an appointment	Query all content associated to an appointment
ConsigneeContentID of content	ConsigneeApptID of selected appointment	ConsigneeApptID of selected appointment
SchedulerContentID used to create content	ConsigneeContentID of content	
	SchedulerContentID used to create content	

Example of a Mail.XML message DeliveryContentQueryRequest:

**All Mail.XML 8.0 data listed below is dummy data*

```
<?xml version="1.0" encoding="UTF-8"?>
<mailxml:DeliveryContentQueryRequest
xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml80B/mailxml"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml80B/base"
mailxml:SchedulerID="041234567001" mailxml:SchedulerCorpID="041234567000"
mailxml:SchedulerContentID="222222" mailxml:ConsigneeContentID="333333333">
  <mailxml:SubmittingParty mailxml:CRID="1234567" mailxml:SchedulerID="041234567001" />
  <mailxml:SubmittingSoftware mailxml:SoftwareName="Content Management" mailxml:Vendor=
  "Deamour and Affiliates" mailxml:Version="1.0" />
</mailxml:DeliveryContentQueryRequest>
```

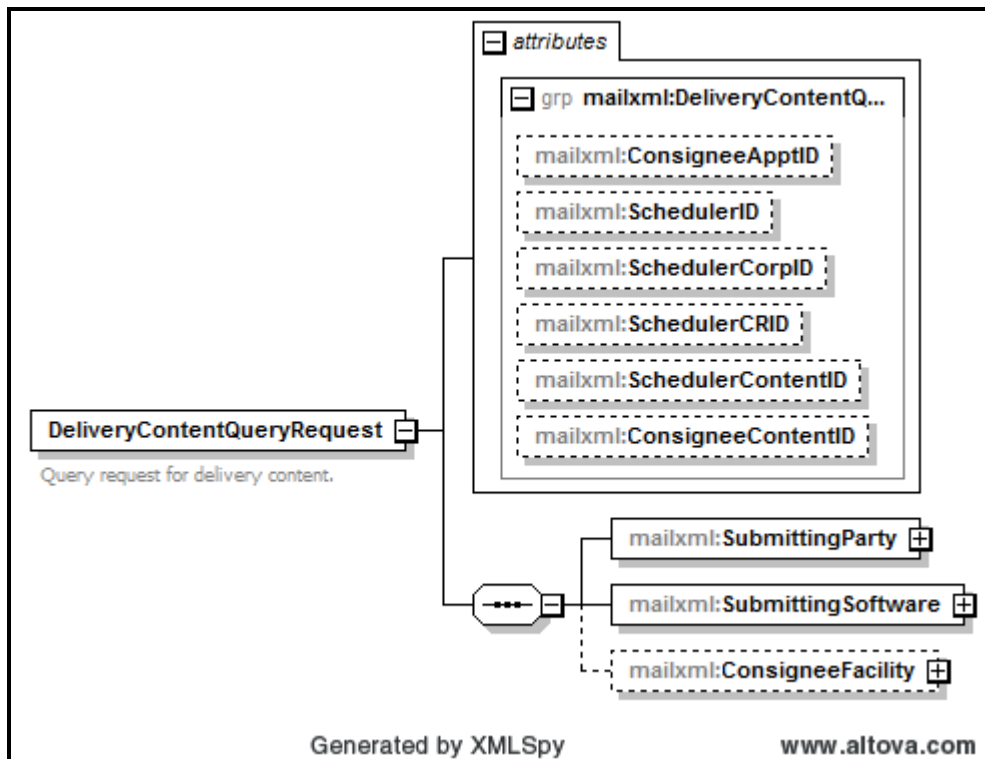


Fig 1 – Schema of DeliveryContentQueryRequest

Example of a DeliveryContentQueryResponse with 99M barcodes returned:

***Please note that in Mail.XML 10.0 99M barcodes will be identified with the element "IMcb" instead of the Mail.XML 8.0 element "UniqueContainerBarcode"*

```
<mailxml:DeliveryContentQueryResponse mailxml:ConsigneeApptID="109525925"
mailxml:SchedulerID="041234567001" mailxml:SchedulerCorpID="041234567000"
mailxml:SchedulerCRID="1234567" mailxml:SchedulerContentID="222222"
mailxml:ConsigneeContentID="333333333"
xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml80B/mailxml">
  <mailxml:QueryResults>
    <mailxml:ConsigneeFacility>
      <mailxml:CompanyName>Smith and Barnes Press</mailxml:CompanyName>
      <mailxml:FacilityNumber>X1A111</mailxml:FacilityNumber>
      <mailxml:FacilityType>4</mailxml:FacilityType>
    </mailxml:ConsigneeFacility>
    <mailxml:ContentDetailInfoUpdate mailxml:LogisticsSchedulerID="041234567001"
mailxml:LogisticsCorpID="041234567000" mailxml:LogisticsSchedulerCRID="1234567">
      <mailxml:ScheduledInductionDate>2010-11-29</mailxml:ScheduledInductionDate>
      <mailxml:ContentUSPSSummary mailxml:ConsigneeContentID="333333333"
mailxml:SchedulerContentID="222222">
        <mailxml:DestinationDiscountIndicator>Yes</mailxml:DestinationDiscountIndicator>
        <mailxml:ZoneSkippingIndicator>No</mailxml:ZoneSkippingIndicator>
        <mailxml:FullServiceIndicator>No</mailxml:FullServiceIndicator>
        <mailxml:Pallets mailxml:Count="1" mailxml:HandlingUnitType="Parcels" mailxml:PalletType="Pallet">
          <mailxml:PalletPreSortLevel mailxml:Count="1" mailxml:MaildatCode="X">
            <mailxml:USPSContainerInfo>
              <mailxml:UniqueContainerBarcode>99M10000000EH11118669</mailxml:UniqueContainerBarcode>
            </mailxml:USPSContainerInfo>
          </mailxml:PalletPreSortLevel>
        </mailxml:Pallets>
        <mailxml:Perishable>No</mailxml:Perishable>
        <mailxml:MailClass>4</mailxml:MailClass>
        <mailxml:RateType>B</mailxml:RateType>
        <mailxml:ProcessingCategory>IR</mailxml:ProcessingCategory>
        <mailxml:PriorityMailIndicator>No</mailxml:PriorityMailIndicator>
        <mailxml:VerificationLocation>BMEU</mailxml:VerificationLocation>
        <mailxml:NewsIndicator>No</mailxml:NewsIndicator>
        <mailxml:EvsIndicator>No</mailxml:EvsIndicator>
      </mailxml:ContentUSPSSummary>
    </mailxml:ContentDetailInfoUpdate>
  </mailxml:QueryResults>
</mailxml:DeliveryContentQueryResponse>
```

4. PartnerApptQueryRequest & PartnerApptQueryResponse

In order for users to retrieve their 99M barcodes they must submit a Mail.XML query request message and FAST will return a query response message with the subsequent data. The PartnerApptQueryRequest & PartnerApptQueryResponse messages allow users to query content data associated to an appointment that has been sent previously to FAST and is associated to a different user.

PartnerApptQuery should be used to query content for appointments that users did not create themselves (e.g., mail owner querying appointment created by logistics coordinator). If the appointment was created by the user, they should use DeliveryContentQuery.

PartnerApptQuery Required Fields

Query one piece of content associated to an appointment	Query all content associated to an appointment
ConsigneeApptID of selected appointment	ConsigneeApptID of selected appointment
ConsigneeContentID of content	
SchedulerContentID used to create content	

Example of a Mail.XML message PartnerApptQueryRequest:

**All Mail.XML 8.0 data listed below is dummy data*

```
<?xml version="1.0" encoding="UTF-8"?>
<mailxml:PartnerApptQueryRequest
xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml80B/mailxml"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml80B/base"
mailxml:ConsigneeApptID="123456789" mailxml:SchedulerID="041234567001"
mailxml:SchedulerCorpID="041234567000" mailxml:SchedulerContentID="111111"
mailxml:ConsigneeContentID="111111110">
  <mailxml:SubmittingParty mailxml:CRID="1234567" mailxml:SchedulerID="041234567001"/>
  <mailxml:SubmittingSoftware mailxml:SoftwareName="Auxley Inc" mailxml:Vendor=
    "Admireasure" mailxml:Version="1.0" />
</mailxml:PartnerApptQueryRequest>
```



Fig 5 – Schema of PartnerApptQueryRequest

Example of a PartnerApptQueryResponse with 99M barcodes returned:

***Please note that in Mail.XML 10.0 99M barcodes will be identified with the element "IMcb" instead of the Mail.XML 8.0 element "UniqueContainerBarcode"*

```
<mailxml:PartnerApptQueryResponse mailxml:SchedulerCRID="1234567"
mailxml:SchedulerID="041234567001" mailxml:SchedulerCorpID="041234567000"
mailxml:ConsigneeApptID="123456789"
xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml80B/mailxml">
  <mailxml:QueryResults>
    <mailxml:ApptBlock>
      <mailxml:ConsigneeFacility>
        <mailxml:CompanyName>USPS</mailxml:CompanyName>
        <mailxml:FacilityNumber>V12342</mailxml:FacilityNumber>
      </mailxml:ConsigneeFacility>
      <mailxml:ConsigneeApptID>123456789</mailxml:ConsigneeApptID>
      <mailxml:ScheduledAppt>2011-02-25T16:00:00.000-06:00</mailxml:ScheduledAppt>
      <mailxml:MailClass>3</mailxml:MailClass>
      <mailxml:ContentDetailInfoUpdate>
        <mailxml:ScheduledInductionDate>2011-02-25-06:00</mailxml:ScheduledInductionDate>
        <mailxml:ContentUSPSSummary mailxml:SchedulerContentID="111111"
mailxml:ConsigneeContentID="111111110">
          <mailxml:DestinationDiscountIndicator>Yes</mailxml:DestinationDiscountIndicator>
          <mailxml:ZoneSkippingIndicator>No</mailxml:ZoneSkippingIndicator>
          <mailxml:FullServiceIndicator>Yes</mailxml:FullServiceIndicator>
          <mailxml:Pallets mailxml:Count="1" mailxml:HandlingUnitType="MixedLengthTrays"
mailxml:PalletType="Pallet">
            <mailxml:USPSContainerInfo>
              <mailxml:UniqueContainerBarcode>99M10000000PT00003688</mailxml:UniqueContainerBarcode>
              <mailxml:UniqueContainerBarcode>99M10000000PT00006056</mailxml:UniqueContainerBarcode>
              <mailxml:UniqueContainerBarcode>99M10000000PT00006059</mailxml:UniqueContainerBarcode>
            </mailxml:USPSContainerInfo>
          </mailxml:Pallets>
          <mailxml:Pallets mailxml:Count="3" mailxml:HandlingUnitType="MixedLengthTrays"
mailxml:PalletType="Pallet">
            <mailxml:PalletPreSortLevel mailxml:Count="2" mailxml:MaildatCode="AD"/>
            <mailxml:PalletPreSortLevel mailxml:Count="1" mailxml:MaildatCode="X"/>
          </mailxml:Pallets>
          <mailxml:Perishable>No</mailxml:Perishable>
          <mailxml:MailClass>3</mailxml:MailClass>
          <mailxml:ProcessingCategory>LT</mailxml:ProcessingCategory>
          <mailxml:PriorityMailIndicator>No</mailxml:PriorityMailIndicator>
          <mailxml:VerificationLocation>BMEU</mailxml:VerificationLocation>
          <mailxml:NewsIndicator>No</mailxml:NewsIndicator>
          <mailxml:EvsIndicator>No</mailxml:EvsIndicator>
          <mailxml:MailPreparerID>14123</mailxml:MailPreparerID>
        </mailxml:ContentUSPSSummary>
      </mailxml:ContentDetailInfoUpdate>
    </mailxml:ApptBlock>
  </mailxml:QueryResults>
</mailxml:PartnerApptQueryResponse>
```


Facility Access & Shipment Tracking (FAST) Retrieving 99M Barcodes in Web Services

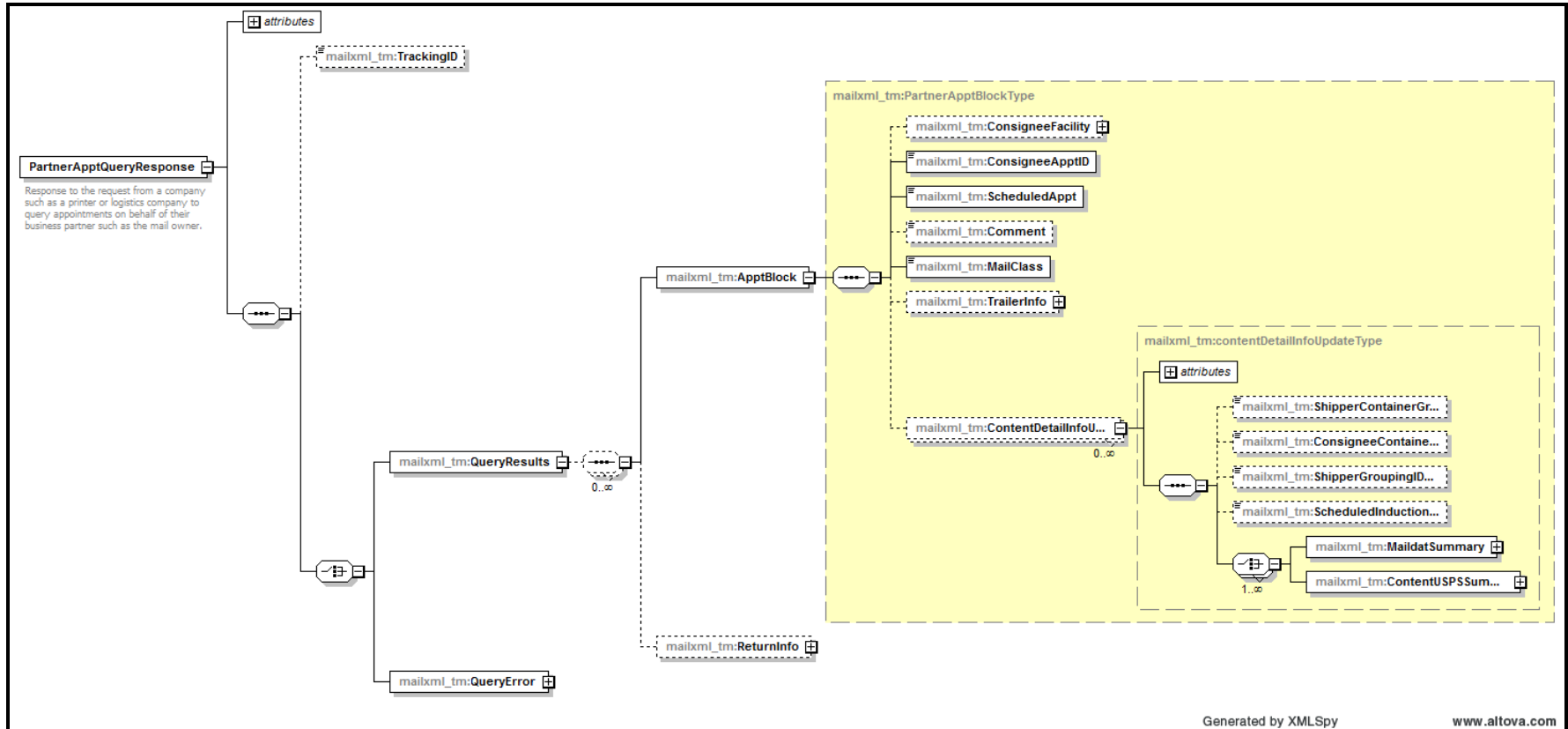


Fig 6 – Schema of PartnerApptQueryResponse

Facility Access & Shipment Tracking (FAST) Retrieving 99M Barcodes in Web Services

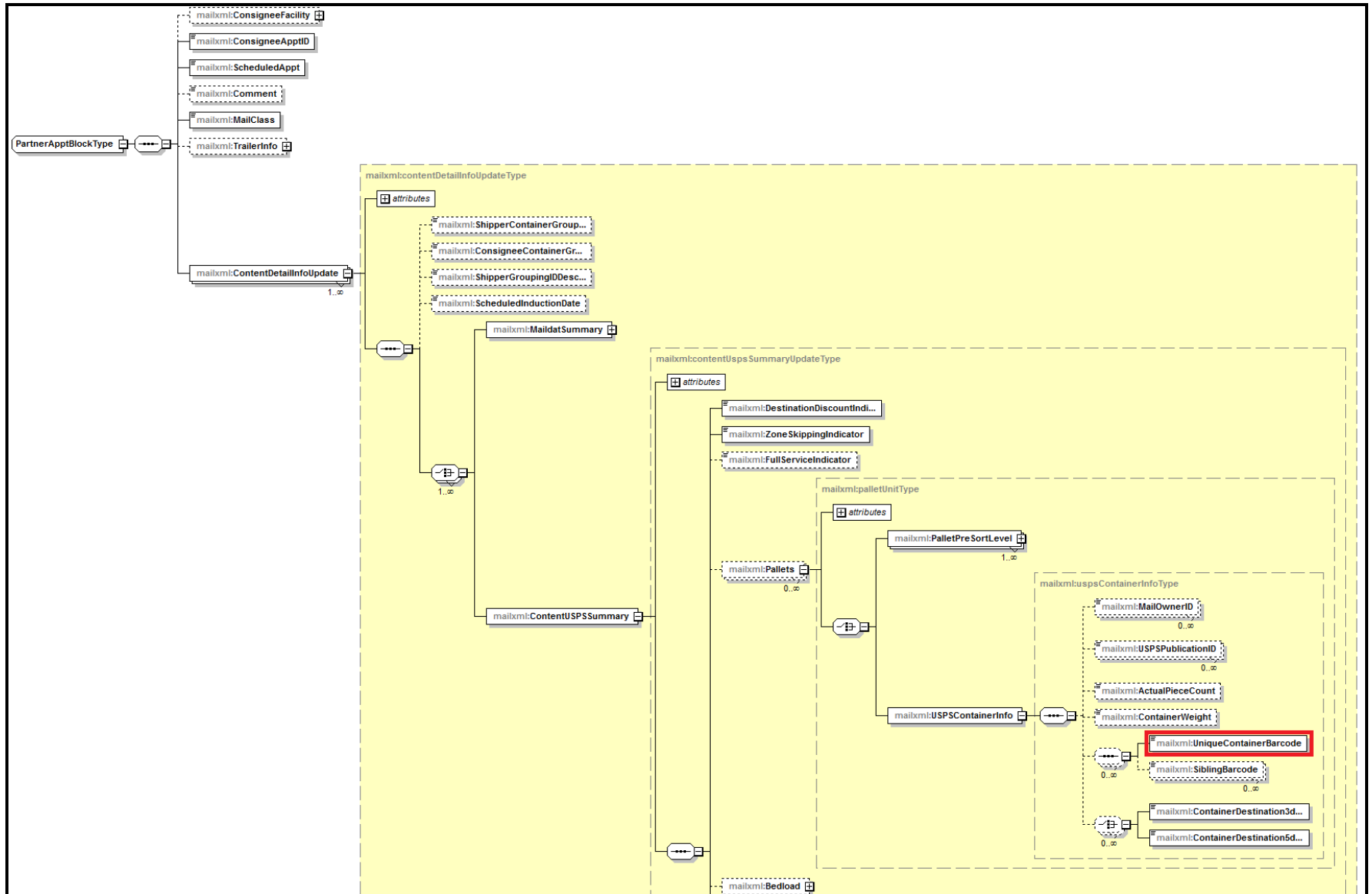


Fig 7 – Schema of ApptBlock within PartnerApptQueryResponse

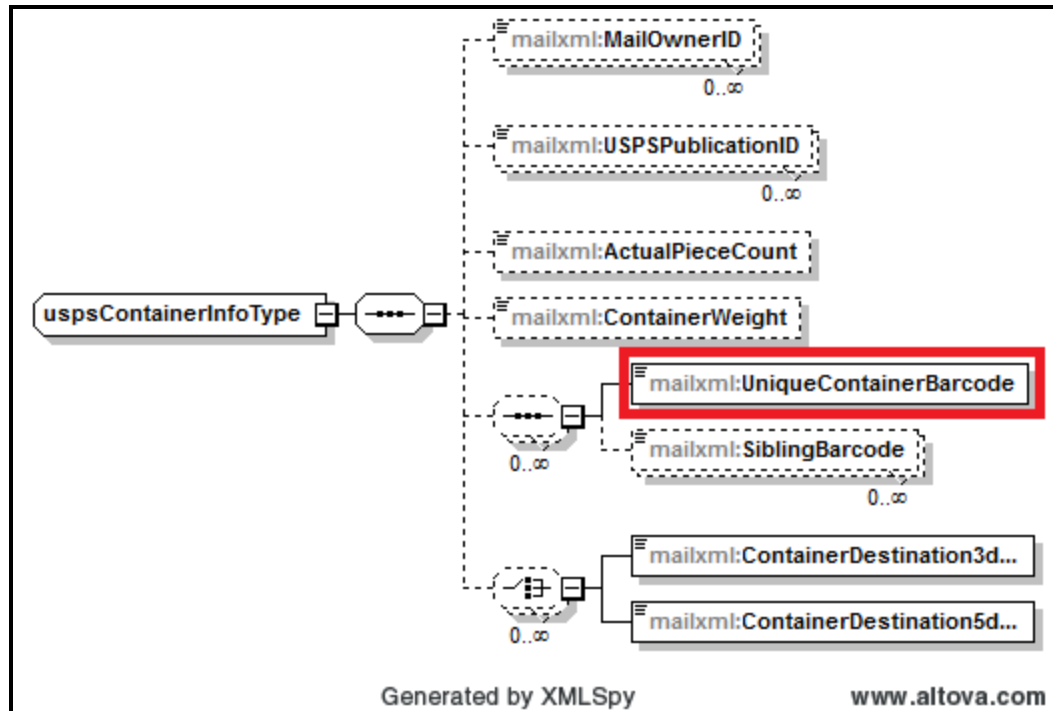


Fig 8 – Schema of USPSContainerInfo within PartnerApptQueryResponse