

TIBCO® Fulfillment Catalog Web Services Guide

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Contents

Figures	5
TIBCO Documentation and Support Services	6
Fulfillment Catalog Services	7
Export Data Operation	7
Export Data Request	8
Request Sample for Full Export	10
Request Sample for Partial Export	11
Request Sample for Delta Export	11
Export Data Response	11
Response Sample for Full Export	12
Response Sample for Partial Export	12
Response Sample for Delta Export	12
Fulfillment Catalog Services Fault for Export Data Operation	13
Import Data Operation	13
Import Data Request	13
Request Sample for Full Import	14
Request Sample for Partial Import	14
Import Data Response	15
Response Sample for Full Import	15
Response Sample for Partial Import	15
Fulfillment Catalog Services Fault for Import Data Operation	16
Model Publish Operation	16
Model Publish Request	16
Request Sample to Full Publish the Action Model	20
Request Sample to Delta Publish the Action Model	21
Request Sample to Full Publish the Customer Model	21
Request Sample to Delta Publish the Customer Model	22
Request Sample to Full Publish the Discount Model	22
Request Sample to Delta Publish the Discount Model	22
Request Sample to Full Publish the Plan Fragment Model	23
Request Sample to Delta Publish the Plan Fragment Model	23
Request Sample to Full Publish the Price Model	24
Request Sample to Delta Publish the Price Model	24
Request Sample to Full Publish the Product Model	25
Request Sample to Delta Publish the Product Model	25
Request Sample to Full Publish the Segment Model	26

Request Sample to Delta Publish the Segment Model	26
Model Publish Response	27
Response Sample for the Full Publish of the Action Model	27
Response Sample for the Delta Publish of the Action Model	27
Response Sample for the Full Publish of the Customer Model	27
Response Sample for the Delta Publish of the Customer Model	28
Response Sample for the Full Publish of the Discount Model	28
Response Sample for the Delta Publish of the Discount Model	28
Response Sample for the Full Publish of the Plan Fragment Model	28
Response Sample for the Delta Publish of the Plan Fragment Model	29
Response Sample for the Full Publish of the Price Model	29
Response Sample for the Delta Publish of the Price Model	29
Response Sample for the Full Publish of the Product Model	29
Response Sample for the Delta Publish of the Product Model	30
Response Sample for the Full Publish of the Segment Model	30
Response Sample for the Delta Publish of the Segment Model	30
Fulfillment Catalog Services Fault for Model Publish Operation	30
Catalog Synchronization Operation	31
Catalog Synchronization Request	31
Request Sample for Catalog Synchronization	31
Catalog Synchronization Response	32
Response Sample for Catalog Synchronization	32
Fulfillment Catalog Services Fault for Catalog Synchronization Operation	32
Response Codes and Description	33

Figures

FCServices.wsdl Model Diagram	7
Export Data Request Model	8
Export Data Response Data Model	11
Fulfillment Catalog Services Fault for Export Data Service Data Model	13
Import Data Request Data Model	13
Import Data Response Data Model	15
Fulfillment Catalog Services Fault for Import Data Service Data Model	16
Model Publish Request Data Model	16
Model Publish Action Type Data Model	17
Model Publish Response Data Model	27
Fulfillment Catalog Services Fault for Model Publish Data Model	30
Catalog Synchronization Request Data Model	31
Catalog Synchronization Response Data Model	32
Fulfillment Catalog Services Fault for Catalog Synchronization Data Model	32

TIBCO Documentation and Support Services

Documentation for this and other TIBCO products is available on the TIBCO Documentation site. This site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, visit:

<https://docs.tibco.com>

Product-Specific Documentation

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Fulfillment Catalog Installation Guide*
- *TIBCO Fulfillment Catalog Product Catalog Guide*
- *TIBCO Fulfillment Catalog User's Guide*
- *TIBCO Fulfillment Catalog Web Services Guide*
- *TIBCO Fulfillment Catalog Offer and Price Designer User's Guide*
- *TIBCO Fulfillment Catalog Release Notes*

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For comments or problems with this manual or the software it addresses, contact TIBCO Support:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

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<https://community.tibco.com>

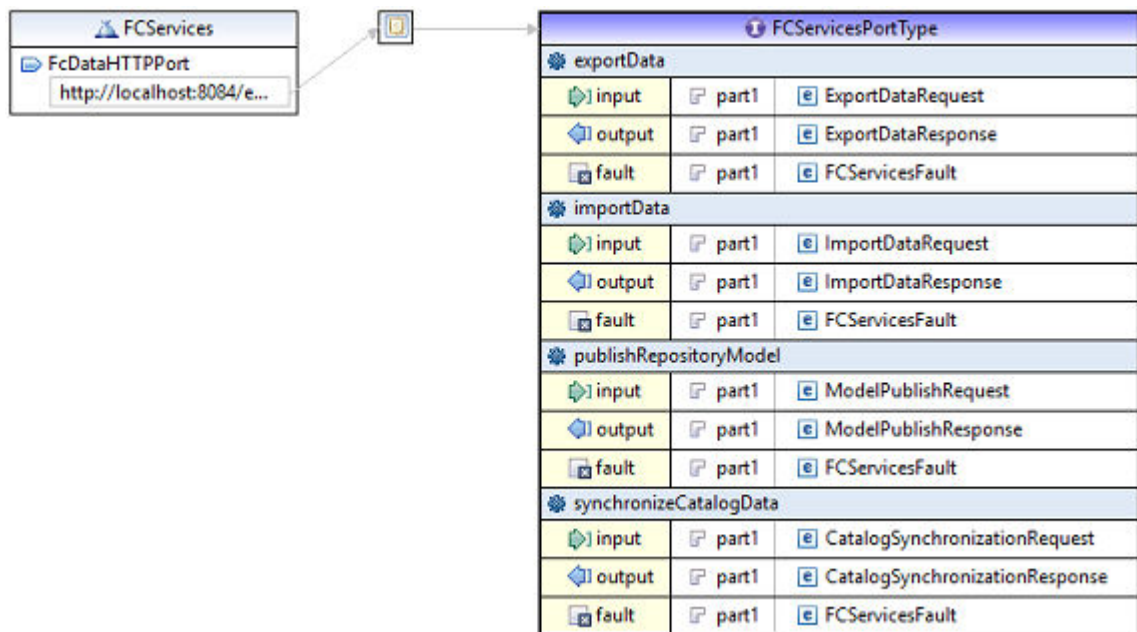
Fulfillment Catalog Services

The Fulfillment Catalog Services comprises of the following four operations:

- [Export Data Operation](#)
- [Import Data Operation](#)
- [Model Publish Operation](#)
- [Catalog Synchronization Operation](#)

The model diagram of the Fulfillment Catalog Services and its operations are as follows:

FCServices.wsdl Model Diagram



Export Data Operation

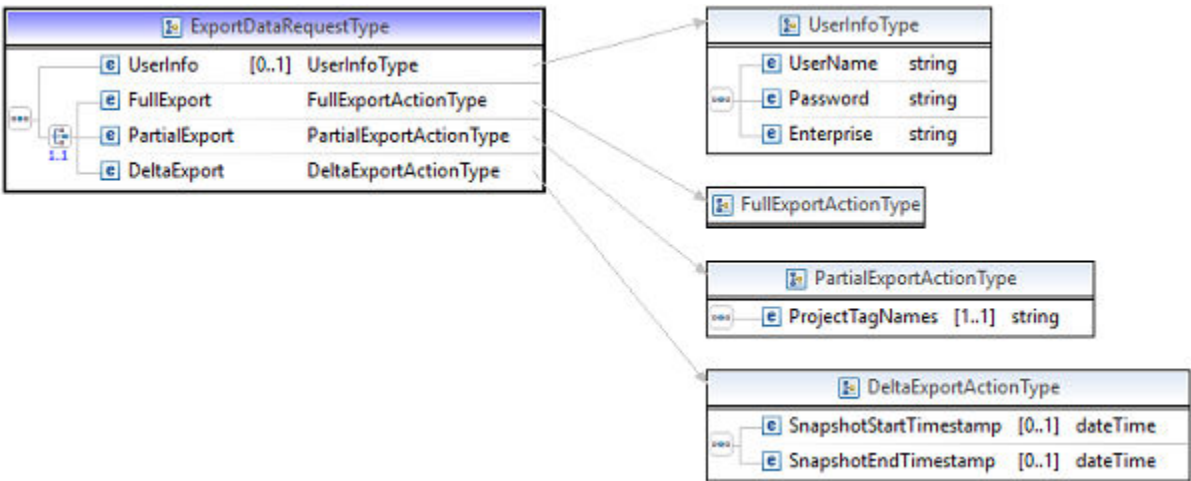
You can use the Export Data operation to export the catalog.

You can access the WSDL from the \$AC_HOME/schema/FCServices.wsdl location for the Export feature. The WSDL can be used to generate client stubs for various client languages.

Export Data Request

The export data request format and details are as follows:

Export Data Request Model



UserInfoType

Element Name	Element Type	Mandatory	Element Description
UserName	string	Yes	The login ID of the user.
Password	string	Yes	The password of the specified user.
Enterprise	string	Yes	The name of the enterprise.

You need to select one of the following export types: FullExport, PartialExport, or DeltaExport.

FullExport

Element Name	Element Type	Mandatory	Element Description
There are no elements in FullExport.			

PartialExport

Element Name	Element Type	Mandatory	Element Description
ProjectTagNames	string	Yes, only if PartialExport is selected.	Used to specify the tag name for partial export. Multiple tag names can be specified using comma (,) as a separator. Example tag1,tag2,tag3,...

DeltaExport

Element Name	Element Type	Mandatory	Element Description
SnapshotStartTimestamp	dateTime	No.	Used only if the DeltaExport is selected, and is used to specify the start timestamp for delta export. The records that were added, modified, or deleted after the specified timestamp will be exported. The format for timestamp is yyyy-MM-ddTHH:mm:ss. For example 2016-06-05T15:30:00.
amp		<p>If DeltaExport is selected and the SnapshotStartTimestamp is not provided then:</p> <ul style="list-style-type: none"> • If the timestamp for the previous snapshot exists, the last one is picked up for the SnapshotStartTimestamp. • If no previous snapshot timestamp exists, then all the changes made, till the SnapshotEndTimestamp for the given repository, is exported. <p>If DeltaExport is selected and the SnapshotStartTimestamp is provided then, all the changes made between the two given timestamps for the given</p>	

Element Name	Element Type	Mandatory	Element Description
		repository, is exported.	
SnapshotEndTimeStamp	dateTime	No. If DeltaExport is selected and SnapshotEndTimeStamp is not provided, then the current timestamp is considered as the SnapshotEndTimeStamp. If DeltaExport is selected and SnapshotEndTimeStamp is provided, then the all the changes made between the two given timestamps, for the given repository, is exported.	Used only if the DeltaExport is selected, and is used to specify the end timestamp for delta export. The records that were added, modified, or deleted before the specified timestamp will be exported. The format for timestamp is yyyy-MM-ddTHH:mm:ss. For example 2016-06-05T15:30:00.



- UserInfo element, which includes UserName, Password, and Enterprise, is optional if you provide JSessionID when invoking the request. If you do not provide JSessionID then the UserInfo element becomes mandatory.
- Sample requests of export data service are available in the \$AC_HOME/samples/wsrequests/EnterpriseDataExport/ directory for your reference.

Request Sample for Full Export

The following is the request sample for full export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ExportDataRequest>
      <!--Optional:-->
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:FullExport/>
    </ns:ExportDataRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Request Sample for Partial Export

The following is the request sample for partial export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ExportDataRequest>
      <!--Optional:-->
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:PartialExport>
        <ns:ProjectTagNames>P1,P2</ns:ProjectTagNames>
      </ns:PartialExport>
    </ns:ExportDataRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Request Sample for Delta Export

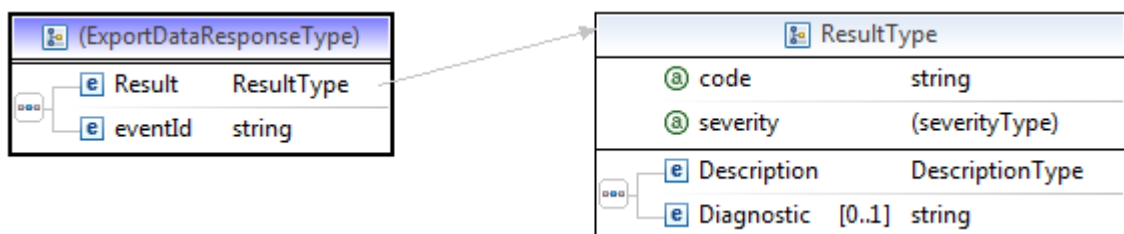
The following is the request sample for delta export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ExportDataRequest>
      <!--Optional:-->
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:DeltaExport>
        <!--Optional:-->
        <ns:SnapshotStartTimestamp>2017-04-10T16:45:06</
ns:SnapshotStartTimestamp>
        <!--Optional:-->
        <ns:SnapshotEndTimestamp>2017-04-10T20:45:06</
ns:SnapshotEndTimestamp>
      </ns:DeltaExport>
    </ns:ExportDataRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Export Data Response

The export data response format and details are as follows:

Export Data Response Data Model



Export Data Response Elements

Element Name	Element Type	Element Description
Result	schema	Contains the result code FC_EXP-0000 for successfully triggered export.
eventID	string	The ID of the event triggered.

Response Sample for Full Export

The following is the response sample for full export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ExportDataResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_EXP-0000" severity="Info">
        <ns:Description lang="en">Data export initiated successfully</
ns:Description>
      </ns:Result>
      <ns:eventID>95568</ns:eventID>
    </ns:ExportDataResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Response Sample for Partial Export

The following is the response sample for partial export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ExportDataResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_EXP-0000" severity="Info">
        <ns:Description lang="en">Data export initiated successfully</
ns:Description>
      </ns:Result>
      <ns:eventID>95569</ns:eventID>
    </ns:ExportDataResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Response Sample for Delta Export

The following is the response sample for delta export:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ExportDataResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_EXP-0000" severity="Info">
        <ns:Description lang="en">Data export initiated successfully</
ns:Description>
      </ns:Result>
      <ns:eventID>95570</ns:eventID>
    </ns:ExportDataResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Fulfillment Catalog Services Fault for Export Data Operation

The Fulfillment Catalog services fault format and details, in case any errors are encountered, for Export Data operation are as follows:

Fulfillment Catalog Services Fault for Export Data Service Data Model



Element Name	Element Type	Element Description
ErrorCode	string	The code of the error that is encountered.
ErrorMessage	string	The description of the error corresponding to the error code displayed.

Import Data Operation

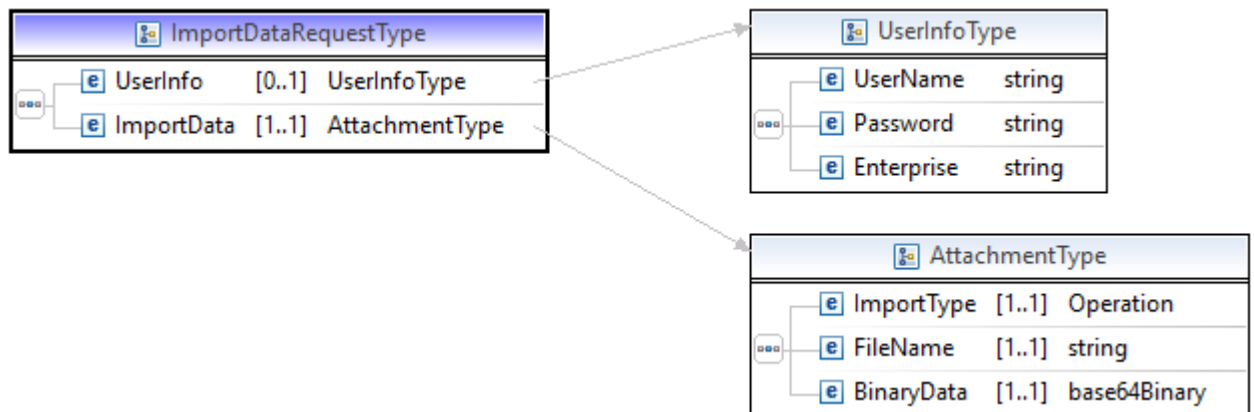
You can use the Import Data operation to import the catalog.

You can access the WSDL from the \$AC_HOME/schema/FCServices.wsdl location for the Import feature. The WSDL can be used to generate client stubs for various client languages.

Import Data Request

The import data request format and details are as follows:

Import Data Request Data Model



Import Data Request Elements

Element Name	Element Type	Mandatory	Element Description
UserName	string	Yes	The login ID of the user.
Password	string	Yes	The password of the specified user.

Element Name	Element Type	Mandatory	Element Description
Enterprise	string	Yes	The name of the enterprise.
ImportType	string	Yes	Specifies the type of import that is to be triggered. The valid values are: <ul style="list-style-type: none"> • F • FULL • P • PARTIAL
FileName	string	Yes	The file name that is attached to the request to trigger the import.
BinaryData	base64Binary	Yes	The binary data of the attached file.



- Sample requests like `FullEnterpriseDataImport.xml` and `PartialEnterpriseDataImport.xml` for the import data operation are available in the `$AC_HOME/samples/wsrequests/` directory for your reference.
- `UserInfo` element, which includes `UserName`, `Password`, and `Enterprise`, is optional if you provide `JSessionID` when invoking the request. If you do not provide `JSessionID` then the `UserInfo` element becomes mandatory.

Request Sample for Full Import

The following is the request sample for full import:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ImportDataRequest>
      <ns:UserInfo>
        <ns:UserName>sample</ns:UserName>
        <ns>Password>euc!1d</ns>Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ImportData>
        <ns:ImportType>F</ns:ImportType>
        <ns:FileName>test.zip</ns:FileName>
        <ns:BinaryData>cid:39408742712</ns:BinaryData>
      </ns:ImportData>
    </ns:ImportDataRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Request Sample for Partial Import

The following is the request sample for partial import:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ImportDataRequest>
      <ns:UserInfo>
        <ns:UserName>sample</ns:UserName>
        <ns>Password>euc!1d</ns>Password>
```

```

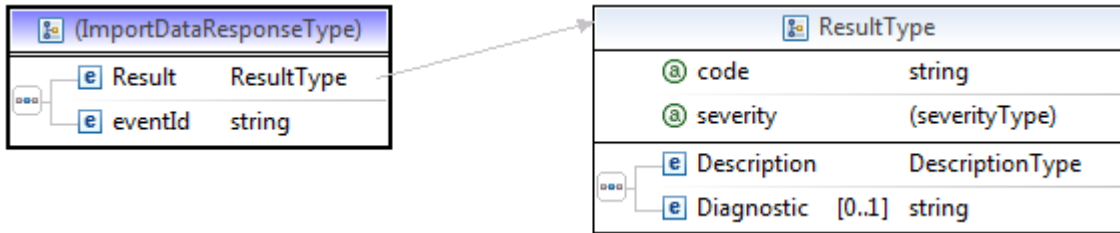
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ImportData>
        <ns:ImportType>P</ns:ImportType>
        <ns:FileName>test.zip</ns:FileName>
        <ns:BinaryData>cid:39408742712</ns:BinaryData>
      </ns:ImportData>
    </ns:ImportDataRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Import Data Response

The import data response format and details are as follows:

Import Data Response Data Model



Import Data Response Elements

Element Name	Element Type	Element Description
Result	schema	Contains the result code FC_IMP-0000 for successfully triggered import.
eventID	string	The ID of the event triggered.

Response Sample for Full Import

The following is the response sample for full import:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ImportDataResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_IMP-0000" severity="Info">
        <ns:Description lang="en">Data import initiated successfully</
ns:Description>
      </ns:Result>
      <ns:eventId>95560</ns:eventId>
    </ns:ImportDataResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for Partial Import

The following is the response sample for partial import:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ImportDataResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_IMP-0000" severity="Info">
        <ns:Description lang="en">Data import initiated successfully</
ns:Description>
      </ns:Result>
      <ns:eventId>95564</ns:eventId>
    </ns:ImportDataResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```
</soapenv:Body>
</soapenv:Envelope>
```

Fulfillment Catalog Services Fault for Import Data Operation

The Fulfillment Catalog services fault format and details, in case any errors are encountered, for Import Data operation are as follows:

Fulfillment Catalog Services Fault for Import Data Service Data Model



Element Name	Element Type	Element Description
ErrorCode	string	The code of the error that is encountered.
ErrorMessage	string	The description of the error corresponding to the error code displayed.

Model Publish Operation

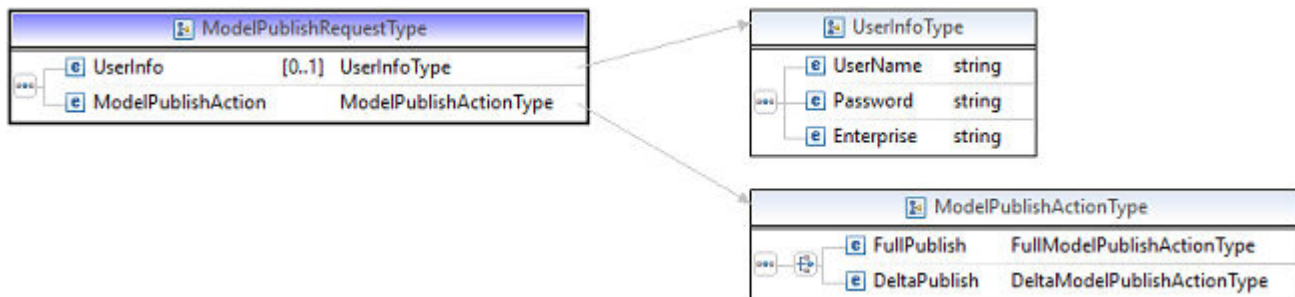
You can use the Model Publish operation to publish the model. The same operation can be used for both full and delta publish. The response will be the event ID of the event triggered for the bulk model publish workflow.

The operation publishes the model on the predefined TIBCO Enterprise Message Service topic, or it will be written in XML files, depending upon the channel set by you in the workflow. You can access the WSDL from \$AC_HOME/schema/FCServices.wsdl. The WSDL can be used to generate client stubs for various client languages.

Model Publish Request

The model publish request format and details are as follows:

Model Publish Request Data Model



Model Publish Request Elements

Element Name	Element Type	Mandatory	Element Description
UserName	string	Yes	The login ID of the user.

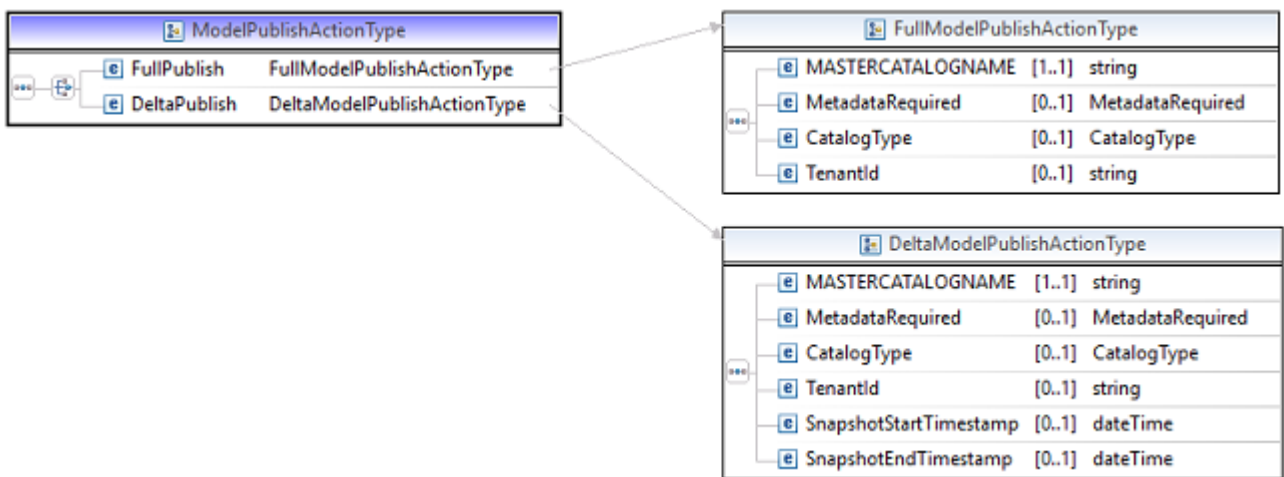
Element Name	Element Type	Mandatory	Element Description
Password	string	Yes	The password of the specified user.
Enterprise	string	Yes	The name of the enterprise.



- UserInfo element, which includes UserName, Password, and Enterprise, is optional if you provide JSessionID when invoking the webservice request. If you do not provide JSessionID then the UserInfo element becomes mandatory.
- Samples for Model Publish request are available in the \$AC_HOME/samples/wsrequests/ModelPublish/ directory for your reference.

The data model for the Model Publish Action Type is as follows:

Model Publish Action Type Data Model



Full Model Publish Action Type

Element Name	Element Type	Mandatory	Element Description
MASTERCATALOGNAME	string	Yes	The name of the model to be published. For example, PRODUCT.
MetadataRequired	string	Yes	Specifies whether the metadata is required or not. The valid values are: <ul style="list-style-type: none"> • Y • N

Element Name	Element Type	Mandatory	Element Description
CatalogType	string	No	<p>Specify the catalog type only when you want to publish the PRODUCT model. The valid values are:</p> <ul style="list-style-type: none"> • All • Technical • Commercial <p>If a value is not specified then the default value considered will be ALL.</p>
TenantId	string	No	<p>By default the "enterprise name" appears as TenantId in published model. You can override it by providing the value in the request. This option is only available through the web service and cannot be executed from the user interface.</p>

Delta Model Publish Action Type

Element Name	Element Type	Mandatory	Element Description
MASTERCATALOG NAME	string	Yes	The name of the model to be published. For example, PRODUCT.
MetadataRequired	string	No	<p>Specifies whether the metadata is required or not. The valid values are:</p> <ul style="list-style-type: none"> • Y • N
CatalogType	string	No	<p>Specify the catalog type only when you want to publish the PRODUCT model. The valid values are:</p> <ul style="list-style-type: none"> • All • Technical • Commercial <p>If a value is not specified then the default value considered will be ALL.</p>
TenantId	string	No	<p>By default the "enterprise name" appears as TenantId in published model. You can override it by providing the value in the request. This option is only available through the web service and cannot be executed from the user interface.</p>

Element Name	Element Type	Mandatory	Element Description
SnapshotStartTimeStamp	dateTime	No	<p>Used only if the value of PublishType is D or DELTA, and is used to specify the start timestamp. The records modified or added after the specified timestamp will be published. The format for timestamp is yyyy-MM-ddTHH:mm:ss<+/- timezone>. For example 2016-06-05T15:30:00+05:30.</p> <ul style="list-style-type: none"> If the timestamp for the previous snapshot exists, the last one is considered for the SnapshotStartTimeStamp. If no previous timestamp exists, then all the changes made, till the SnapshotEndTimeStamp for the given repository, is published. <p>If PublishType is either D or DELTA and SnapshotStartTimeStamp is provided, then all the changes made between the SnapshotStartTimeStamp and SnapshotEndTimeStamp, for the given repository, is published.</p>

Element Name	Element Type	Mandatory	Element Description
SnapshotEndTimeStamp	dateTime	No	<p>Used only if the value of PublishType is D or DELTA, and is used to specify the end timestamp. The records modified or added before the specified timestamp will be published. The format for timestamp is yyyy-MM-ddTHH:mm:ss<+/- timezone>. For example 2016-06-05T17:30:00+05:30.</p> <ul style="list-style-type: none"> If the timestamp for the previous snapshot exists, the last one is considered for the SnapshotEndTimeStamp. If no previous timestamp exists, then all the changes made till the SnapshotEndTimeStamp, for the given repository, is published. <p>If PublishType is either D or DELTA and SnapshotEndTimeStamp is provided then all the changes made between the SnapshotStartTimeStamp and SnapshotEndTimeStamp for given repository, is published.</p>

Request Sample to Full Publish the Action Model

The following is the request sample to full publish the action model:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <ns:ModelPublishAction>
          <!--You have a CHOICE of the next 2 items at this level-->
          <ns:FullPublish>
            <ns:MASTERCATALOGNAME>ACTION</ns:MASTERCATALOGNAME>
            <!--Optional:-->
            <ns:MetadataRequired>Y</ns:MetadataRequired>
            <!--Optional:-->
            <ns:TenantId>ent</ns:TenantId>
          </ns:FullPublish>
        </ns:ModelPublishAction>
      </ns:ModelPublishRequest>
    </soapenv:Body>
  </soapenv:Envelope>

```

Request Sample to Delta Publish the Action Model

The following is the request sample to delta publish the action model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns>Password>admin</ns>Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>ACTION</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
          <!--Optional:-->
          <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
          <!--Optional:-->
          <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
        </ns:DeltaPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Customer Model

The following is the request sample to full publish the customer model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns>Password>admin</ns>Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>PARTY</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Delta Publish the Customer Model

The following is the request sample to delta publish the customer model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>PARTY</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
          <!--Optional:-->
          <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
          <!--Optional:-->
          <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
        </ns:DeltaPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Discount Model

The following is the request sample to full publish the discount model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>DISCOUNT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Delta Publish the Discount Model

The following is the request sample to delta publish the discount model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>

```

```

<ns:ModelPublishRequest>
  <ns:UserInfo>
    <ns:UserName>admin</ns:UserName>
    <ns:Password>admin</ns:Password>
    <ns:Enterprise>FC400</ns:Enterprise>
  </ns:UserInfo>
  <ns:ModelPublishAction>
    <ns:DeltaPublish>
      <ns:MASTERCATALOGNAME>DISCOUNT</ns:MASTERCATALOGNAME>
      <!--Optional:-->
      <ns:MetadataRequired>Y</ns:MetadataRequired>
      <!--Optional:-->
      <ns:TenantId>ent</ns:TenantId>
      <!--Optional:-->
      <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
      <!--Optional:-->
      <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
    </ns:DeltaPublish>
  </ns:ModelPublishAction>
</ns:ModelPublishRequest>
</soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Plan Fragment Model

The following is the request sample to full publish the plan fragment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>PLANFRAGMENT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Delta Publish the Plan Fragment Model

The following is the request sample to delta publish the plan fragment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>PLANFRAGMENT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>

```

```

        <!--Optional:-->
        <ns:TenantId>ent</ns:TenantId>
        <!--Optional:-->
        <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
        <!--Optional:-->
        <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
    </ns:DeltaPublish>
</ns:ModelPublishAction>
</ns:ModelPublishRequest>
</soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Price Model

The following is the request sample to full publish the price model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>PRICE</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Delta Publish the Price Model

The following is the request sample to delta publish the price model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>PRICE</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
          <!--Optional:-->
          <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
          <!--Optional:-->
          <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
        </ns:DeltaPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```



```

</soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Product Model

The following is the request sample to full publish the product model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <!--You have a CHOICE of the next 2 items at this level-->
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>PRODUCT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:CatalogType>All</ns:CatalogType>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Delta Publish the Product Model

The following is the request sample to delta publish the product model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>PRODUCT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:CatalogType>All</ns:CatalogType>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
          <!--Optional:-->
          <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
          <!--Optional:-->
          <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
        </ns:DeltaPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Request Sample to Full Publish the Segment Model

The following is the request sample to full publish the segment model:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:FullPublish>
          <ns:MASTERCATALOGNAME>SEGMENT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
        </ns:FullPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Request Sample to Delta Publish the Segment Model

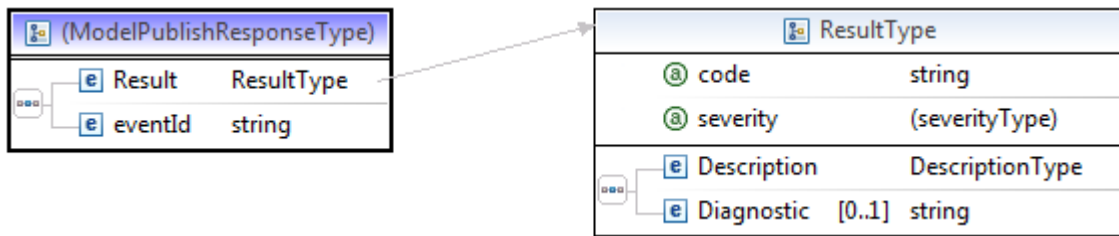
The following is the request sample to delta publish the segment model:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsd/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:ModelPublishRequest>
      <ns:UserInfo>
        <ns:UserName>admin</ns:UserName>
        <ns:Password>admin</ns:Password>
        <ns:Enterprise>FC400</ns:Enterprise>
      </ns:UserInfo>
      <ns:ModelPublishAction>
        <ns:DeltaPublish>
          <ns:MASTERCATALOGNAME>SEGMENT</ns:MASTERCATALOGNAME>
          <!--Optional:-->
          <ns:MetadataRequired>Y</ns:MetadataRequired>
          <!--Optional:-->
          <ns:TenantId>ent</ns:TenantId>
          <!--Optional:-->
          <ns:SnapshotStartTimestamp>2016-03-31T12:50:59</
ns:SnapshotStartTimestamp>
          <!--Optional:-->
          <ns:SnapshotEndTimestamp>2016-03-31T13:50:59</
ns:SnapshotEndTimestamp>
        </ns:DeltaPublish>
      </ns:ModelPublishAction>
    </ns:ModelPublishRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Model Publish Response

The model publish response format and details are as follows:

Model Publish Response Data Model



Model Publish Response Elements

Element Name	Element Type	Element Description
Result	schema	Contains the result code FC_SEC-0000 for successfully triggered model publish.
eventID	string	The ID of the event triggered.

Response Sample for the Full Publish of the Action Model

The following is the response sample for the full publish of the action model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/fcservices/wSDL/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>
  
```

Response Sample for the Delta Publish of the Action Model

The following is the response sample for the delta publish of the action model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/fcservices/wSDL/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>
  
```

Response Sample for the Full Publish of the Customer Model

The following is the response sample for the full publish of the customer model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
  
```

```

fcservices/wsd/2.0">
  <ns:Result code="FC_PUB-0000" severity="Info">
    <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
  </ns:Result>
  <ns:eventId>99619</ns:eventId>
</ns:ModelPublishResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Delta Publish of the Customer Model

The following is the response sample for the delta publish of the customer model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Full Publish of the Discount Model

The following is the response sample for the full publish of the discount model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Delta Publish of the Discount Model

The following is the response sample for the delta publish of the discount model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Full Publish of the Plan Fragment Model

The following is the response sample for the full publish of the plan fragment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsd/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">

```

```

        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
        </ns:Result>
        <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Delta Publish of the Plan Fragment Model

The following is the response sample for the delta publish of the plan fragment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
        </ns:Result>
        <ns:eventId>99619</ns:eventId>
      </ns:ModelPublishResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

Response Sample for the Full Publish of the Price Model

The following is the response sample for the full publish of the price model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
        </ns:Result>
        <ns:eventId>99619</ns:eventId>
      </ns:ModelPublishResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

Response Sample for the Delta Publish of the Price Model

The following is the response sample for the delta publish of the price model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
        </ns:Result>
        <ns:eventId>99619</ns:eventId>
      </ns:ModelPublishResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

Response Sample for the Full Publish of the Product Model

The following is the response sample for the full publish of the product model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/
fcservices/wsdl/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>

```

```

        </ns:Result>
        <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Delta Publish of the Product Model

The following is the response sample for the delta publish of the product model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/fcservices/wSDL/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Full Publish of the Segment Model

The following is the response sample for the full publish of the segment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/fcservices/wSDL/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Response Sample for the Delta Publish of the Segment Model

The following is the response sample for the delta publish of the segment model:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:ModelPublishResponse xmlns:ns="http://www.tibco.com/ac/services/fcservices/wSDL/2.0">
      <ns:Result code="FC_PUB-0000" severity="Info">
        <ns:Description lang="en">Model publish initiated successfully.</
ns:Description>
      </ns:Result>
      <ns:eventId>99619</ns:eventId>
    </ns:ModelPublishResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Fulfillment Catalog Services Fault for Model Publish Operation

The Fulfillment Catalog services fault format and details, in case any errors are encountered, for Model Publish operation are as follows:

Fulfillment Catalog Services Fault for Model Publish Data Model



Element Name	Element Type	Element Description
ErrorCode	string	The code of the error that is encountered.
ErrorMessage	string	The description of the error corresponding to the error code displayed.

Catalog Synchronization Operation

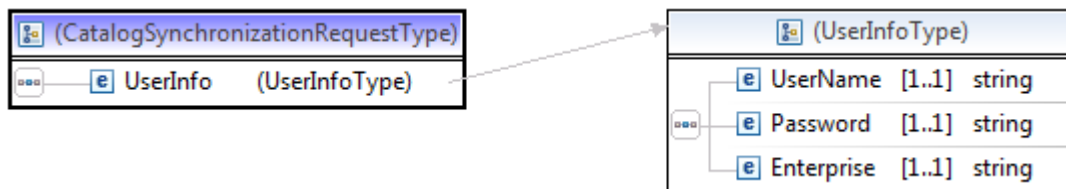
You can use the Catalog Synchronization operation to synchronize the Fulfillment Provisioning data with the TIBCO Fulfillment Catalog.

You can access the WSDL from the `$AC_HOME/schema/FCServices.wsdl` location. The WSDL can be used to generate client stubs for various client languages.

Catalog Synchronization Request

The catalog synchronization request format and details are as follows:

Catalog Synchronization Request Data Model



Catalog Synchronization Request Elements

Element Name	Element Type	Mandatory	Element Description
UserName	string	Yes	The login ID of the user.
Password	string	Yes	The password of the specified user.
Enterprise	string	Yes	The name of the enterprise.



Sample for catalog synchronization request is available at `$AC_HOME/samples/wsrequests/CatalogSynchronization_Request.xml`.

Request Sample for Catalog Synchronization

The following is the request sample for the catalog synchronization operation:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.tibco.com/ac/services/fcservices/wsdl/2.0">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:CatalogSynchronizationRequest>
      <ns:UserInfo>
        <ns:UserName>UserName</ns:UserName>
        <ns:Password>Password</ns:Password>
        <ns:Enterprise>EnterpriseName</ns:Enterprise>
      </ns:UserInfo>
    </ns:CatalogSynchronizationRequest>
  </soapenv:Body>
</soapenv:Envelope>
  
```

```

        </ns:UserInfo>
      </ns:CatalogSynchronizationRequest>
    </soapenv:Body>
  </soapenv:Envelope>

```

Catalog Synchronization Response

The catalog synchronization response format and details are as follows:

Catalog Synchronization Response Data Model



Catalog Synchronization Response Elements

Element Name	Element Type	Element Description
eventID	string	The event ID of the synchronization process.

Response Sample for Catalog Synchronization

The following is the response sample for catalog synchronization operation:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <ns:CatalogSynchronizationResponse>
      <ns:eventId>27005</ns:eventId>
    </ns:CatalogSynchronizationResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Fulfillment Catalog Services Fault for Catalog Synchronization Operation

The Fulfillment Catalog services fault format and details, in case any errors are encountered, for Catalog Synchronization operation are as follows:

Fulfillment Catalog Services Fault for Catalog Synchronization Data Model



Element Name	Element Type	Element Description
ErrorCode	string	The code of the error that is encountered.
ErrorMessage	string	The description of the error corresponding to the error code displayed.

Response Codes and Description

The following response codes are currently implemented by the Fulfillment Catalog system

Response Code	Response Message	Description
FC_PUB-0000	Model publish initiated successfully.	Either use the Fulfillment Catalog UI to check the progress of the Export through the Event Log UI or use the Event Detail web service to get the status for the given event ID.
FC_PUB-1000	Error occurred while validation user :	Take the action depending on the error message.
FC_PUB-1001	No record found for timestamp : 2016-10-12 12:36:60	Correct the specified SnapshotStartTimestamp. It occurred because specified SnapshotStartTimestamp is not valid. The valid SnapshotStartTimestamp is the timestamp that is recorded in the earlier published model.
FC_PUB-1002	SnapshotStartTimestamp shall be less than SnapshotEndTimestamp	You need to check the specified SnapshotStartTimestamp and SnapshotEndTimestamp.
FC_PUB-1003	Validation error in model publish request:	Check model publish request and correct the schema validation error.
FC_EXP-0000	Data export initiated successfully	Export initiation was successful. Either use the Fulfillment Catalog UI to check the progress of the Export through the Event Log UI, or use the Event Detail web service to get the status for the given event ID.
FC_EXP-1003	Validation error in export request:	Check the export request and rectify the schema validation error.
FC_EXP-1009	For ExportType in [P, PARTIAL], ProjectTagNames is mandatory	Specify the ProjectTagName(s) in a request.
FC_EXP-1010	SnapshotStartTimestamp shall be less than SnapshotEndTimestamp	You need to check the specified SnapshotStartTimestamp and the SnapshotEndTimestamp.
FC_IMP-0000	Data import initiated successfully	Import initiation was successful. Either use the Fulfillment Catalog UI to check the progress of the Export through the Event Log UI, or use the Event Detail web service to get the status for the given event ID.

Response Code	Response Message	Description
FC_IMP-1000	Import file name is mandatory	Specify the FileName in the request.
FC_IMP-1001	Uploaded file not supported. Only ZIP file is supported	Upload correct file for import. Only ZIP file is supported by the Fulfillment Catalog Import.
FC_IMP-1003	Validation error in model publish request	Check import request and correct the schema validation error.