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Performing File-Based Data Export Using Web Services

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1 Accessing the WSDL URL

This document describes how to use the Bulk Export Service Version 2 to run an export job, retrieve the generated output files, and read export job and batch details.

In order to use the Bulk Export Service Version 2, you must determine the end point to which SOAP requests will be sent. The following sections describe the steps to get the logical and physical end points.

To determine the logical end point:

1. Launch Oracle Enterprise Repository (<https://fusionappsoer.oracle.com/oer>) and login as Guest.
2. Search for the web service that you need using an appropriate search string and type. For example, for the Bulk Export Version 2 Web service, use the following combination:
 - I. Search String: Bulk Export Version 2
 - II. Type: ADF Service
3. Select the service from the results section, then scroll to the bottom of the Detail tab. The Abstract WSDL URL links to the WSDL for the service. The Service Path is used to determine the logical end point path for the service.
For this example you see the endpoint service path:
https://<crm_server:PortNumber>/crmCommonBulkExport/BulkExportService?WSDL.
4. The part https://<crm_server:PortNumber> varies by environment. The context root, `/crmCommonBulkExport/BulkExportService` in this example, is static across environments for a given service version. Record the context root.

To determine the physical end point of any given instance:


1. Launch the Oracle Sales Cloud home page and login as a user.
2. Navigate to an application's dashboard/work area page that belongs to Sales Cloud Account. For example: In the case of Sales Cloud Account navigate to the Customers work area.
3. You see a URL similar to <https://<domainname>/customer/faces/CustomercTrWorkarea> in the browser's address bar. The `<domainname>` might be like `https://<pod-name>.<lba>.xxx.oraclecloud.com`.
4. Build your physical end point by appending the static context root from the logical end point (in this example, `/crmCommonBulkExport/BulkExportService`) to `https://<domainname>/` that you derived in the application's dashboard/work area.

■ runExportJob:

For this example, the physical end point is

<https://<domainname>/crmCommonBulkExport/BulkExportService>.

<https://<domainname>/crmCommonBulkExport/BulkExportService> is the WSDL URL for the Bulk Export Service Version 2.



2 Web Service Operations Supported by the Bulk Export Service Version 2

An export job needs to be activated for extracting all the data.

There are two types of export jobs that can be activated.

- Generic Export-Exports data for individual objects to CSV files. Jobs for generic export can be created using the 'Schedule Export Processes' task flow.
- Hierarchy Export-For a given parent object, exports all related object's data into zip files. Jobs for hierarchy export can be created using the 'Manage File Export Activities' task flow.

To represent export for each job, an export batch is created which is an instance of job execution.

Before using the web service operations, create a generic export job from UI using the 'Schedule Export Processes' task flow. After creating the UI job with the export map and schedule status, you can get the export job ID. After the export job is run, the batch ID representing the export run is returned. This batch ID needs to be used as input for the `getAttachmentsForBatch` web method.

The following are the operations that are supported by the Bulk Export web service:

- [runExportJob](#) -- Activates an existing generic export job.
- [getAttachmentsForBatch](#) -- Retrieves attachment information for a successful export batch.
- [getJob](#) -- Retrieves export job information.
- [findJobs](#) -- Queries export jobs and retrieves corresponding export job information.
- [getBatch](#) -- Retrieves export batch Information.
- [deleteBatch](#) -- Deletes export batch.
- [findBatches](#) -- Queries export batches and retrieves corresponding export batch information.
- [findExportBatchesByJobId](#) -- Queries export batch for a given export job.

runExportJob:

Description: Runs the specified pre-existing export job with an optionally specified timestamp range.

■ runExportJob:

A new export batch record is created for every export job run. This activated job after successful completion, returns an export batch Id which represents the export job run instance.

If beginTm is specified, then the records exported by the bulk export job will only contain those who's LastUpdateDate is on or after the specified beginTm parameter.

If endTm is specified then the records exported by the bulk export job will only contain those who's LastUpdateDate is on or before the specified endTm parameter. If the view being exported doesn't contain a column named LastUpdateDate, then all records will be exported regardless.

If a ViewCriteria is already added in the export map while creating export job, then DateTime filter, if defined in this web method, will be applied along with the filters defined in UI.

Asynch Name: runExportJobAsync

Asynch CallBack: runExportJobAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:runExportJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:jobId>export_job_id</ns1:jobId>
      <ns1:beginTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true" />
      <ns1:endTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true" />
    </ns1:runExportJob>
  </soap:Body>
</soap:Envelope>
```

Input Parameters:

Parameter	Description	Is Mandatory ?	Type
jobId	Unique number that identifies the bulk export job. A JobID from an existing export job created from 'Schedule Export Process' UI has to be used.	Yes	Java.lang.Long

Parameter	Description	Is Mandatory ?	Type
beginTm	<p>The date and time that the runExportJob method uses as the beginning of the export interval. The export interval is the period of time that occurs from the first record update to the last record update that the Bulk Export service exports. For example, if you specify June 4, 2013 12:00 pm for the begin_time argument, then the Bulk Export service exports records that include a lastupdatedate value of June 4, 2013 12:00 pm or later. If you specify records that do not contain the lastupdatedate field, then the bulk export service exports all records.</p> <p>Format: YYYY-MM-DTHH:mm:ss.SSS</p>	No	Java.lang.Time Stamp
endTm	<p>The date and time that the runexportjob method uses as the end of the export interval. For example, if you specify June 4, 2013 12:00 pm for the end_time argument, then the Bulk Export service exports records that include a lastupdatedate value of June 4, 2013 12:00 pm or earlier. If you specify records that do not contain the LastUpdateDate field, then the Bulk Export service exports all records.</p> <p>Format: YYYY-MM-DTHH:mm:ss.SSS</p>	No	Java.lang.Time Stamp

Output Schema:

```

<ns0:runExportJobResponse
xmlns:ns0="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
  <result
xmlns="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">export_batch_id</result>

```

■ runExportJob:

</ns0:runExportJobResponse>

Output Parameters:

Parameter	Description	Type
result	A unique batchID created for the export job run will be returned or null if export fails to activate or did not create a batch number that identifies the export job.	Java.lang.Long

Example Cases:

You can run the export job with time-based filters; however, you cannot specify view criteria filter, as in the case of UI.

To Run an Export Job Without any Filter:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:runExportJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:jobId>export_job_id</ns1:jobId>
      <ns1:beginTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true" />
      <ns1:endTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true" />
    </ns1:runExportJob>
  </soap:Body>
</soap:Envelope>
```

To Run an Export Job Which Filters Records That are Last Updated After beginTm:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:runExportJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:jobId> export_job_id </ns1:jobId>
      <ns1:beginTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true"> begin_tm(2015-04-21T08:46:00.000)</ns1:beginTm>
      <ns1:endTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true"/>
    </ns1:runExportJob>
  </soap:Body>
</soap:Envelope>
```

To Run an Export Job Which Filters Records That are Last Updated Before endTm:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:runExportJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:jobId>export_job_id </ns1:jobId>
      <ns1:beginTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true"/>
      <ns1:endTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true">end_tm(2015-04-27T08:46:00.000) </ns1:endTm>
    </ns1:runExportJob>
  </soap:Body>
</soap:Envelope>

```

To Run an Export Job Which Filters Records That are Last Updated After beginTm and Before endTm:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:runExportJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:jobId> export_job_id </ns1:jobId>
      <ns1:beginTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true">begin_tm(2015-04-21T08:46:00.000) </ns1:beginTm>
      <ns1:endTm xmlns:ns2="http://www.w3.org/2001/XMLSchema-instance"
ns2:nil="true"> end_tm(2015-04-27T08:46:00.000) </ns1:endTm>
    </ns1:runExportJob>
  </soap:Body>
</soap:Envelope>

```

getAttachmentsForBatch:

Description: For a successful export batch run, this web method returns a list of attachment details.

Asynch Name: getAttachmentsForBatchAsync

Asynch CallBack: getAttachmentsForBatchAsyncResponse

Input Schema:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>

```

■ getAttachmentsForBatch:

```
<ns1:getAttachmentsForBatch
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
  <ns1:batchId>export_batch_id</ns1:batchId>
</ns1:getAttachmentsForBatch>
</soap:Body>
</soap:Envelope>
```

Input Parameters:

Parameter	Description	Is Mandatory?	Type
batchId	Represents a unique export batch ID for a successful export job run.	Yes	Java.lang.Long

Output Schema:

```
<ns0:getAttachmentsForBatchResponse
xmlns:ns0="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/"
xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsa="http://www.w3.org/2005/08/addressing"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <ns2:result
xmlns:ns2="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/"
xmlns:ns0="http://xmlns.oracle.com/adf/svc/types/"
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="ns1:BulkExportAttachment">
    <ns1:Filename>exported_file_name</ns1:Filename>
    <ns1:Size>exported_file_size</ns1:Size>
    <ns1:URL>exported_file_url</ns1:URL>
    <ns1:creationDate>exported_file_creationDate</ns1:creationDate>
    <ns1:ContentId>exported_file_Content_Id</ns1:ContentId>
  </ns2:result>
</ns0:getAttachmentsForBatchResponse>
```

Output Parameters:

Parameter	Description	Type
filename	Represents file name of the exported file which is uploaded to the UCM when export batch is successful.	String

Parameter	Description	Type
size	Represents size of the uploaded file that is present in UCM.	String
URL	Represents a UCM URL which is session specific and expires in 5 minutes (based on the FND_EXPIRES value in the output).	String
creationDate	Represents datetime of the file exported to UCM.	DateTime
contentId	Represents a unique string to identify a file in UCM	String

Example:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:getAttachmentsForBatch
      xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:batchId>Export_batch_id</ns1:batchId>
    </ns1:getAttachmentsForBatch>
  </soap:Body>
</soap:Envelope>
```

Sample Output:

```
<ns0:getAttachmentsForBatchResponse xmlns=""
  xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns0="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/"
  xmlns:wsa="http://www.w3.org/2005/08/addressing"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <ns2:result xmlns:ns0="http://xmlns.oracle.com/adf/svc/types/"
    xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/"
    xmlns:ns2="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:type="ns1:BulkExportAttachment">
    <ns1:Filename>export_file_name.csv</ns1:Filename>
    <ns1:Size>1020</ns1:Size>
    <ns1:URL>/content/conn/FusionAppsContentRepository/uuid/dDocName%3aUCMFA046146?XFND_SCHEME_ID=1&XFND_CERT_FP=A1B338F6583E91F6394AEF4AEDDB0DDF5959019F&XFND_RANDOM=7577923950069222936&XFND_EXPIRES=1430282354939&XFND_SIGNATURE=ZukeZjxpzKub~fbSfmUrTxmgmTjFtIylDw9Pdb3Jdcr9G32f7PJYcnSg9ZWYQ~nWDvtbH8LZCBoJWXs32Sq6qVypUiycLhXjz-
```

■ getJob:

```
C50RtDRQ0JqtJOL35MqTnD22u7q2fC8EYvT9xuyZhfnx00t-
5PwSdHG4dSvrAbiySVHQC1L8Q_&Id=46395&download</ns1:URL>
    <ns1:creationDate>2015-04-28T21:18:02.325-07:00</ns1:creationDate>
    <ns1:ContentId>UCMFA046146</ns1:ContentId>
</ns2:result>
</ns0:getAttachmentsForBatchResponse>
```

getJob:

Description: Retrieves Export job information for a given File Export Job Id.

Asynch Name: getJobAsync

Asynch Callback: getJobAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:getJob
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:exportJobId>export_job_id</ns1:exportJobId>
    </ns1:getJob>
  </soap:Body>
</soap:Envelope>
```

Input Parameters:

Parameter	Description	Type
exportJobId	export job ID created from the export UI.	Java.lang.Long

Output Schema:

```
<ns0:getJobResponse
xmlns:ns0="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
  <ns2:result
xmlns:ns2="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/"
xmlns:ns0="http://xmlns.oracle.com/adf/svc/types/"
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="ns1:BulkExportJobs">
    <ns1:ExportJobId>export_job_id</ns1:ExportJobId>
    <ns1:Name>export_job_name</ns1:Name>
    <ns1:DescriptionText xsi:nil="true" />
    .....
  </ns2:result>
</ns0:getJobResponse>
```

```
.....
    </ns2:result>
</ns0:getJobResponse>
```

Output Parameters:

Export Job details (Check SDO attributes under [File Export Job V 2](#)).

findJobs:

Description: This operation finds the jobs that are created and are available in the export schema.

Asynch Name: findJobsAsync

Asynch CallBack: findJobsAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:findJobs
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:fetchStart />
        <ns2:fetchSize />
        <ns2:filter>
          <ns2:conjunction />
        </ns2:filter>
        <ns2:sortOrder />
        <ns2:excludeAttribute />
      </ns1:findCriteria>
      <ns1:findControl xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:retrieveAllTranslations />
      </ns1:findControl>
    </ns1:findJobs>
  </soap:Body>
</soap:Envelope>
```

Input Parameters:

Parameter	Description	Type
findCriteria	The criteria used to limit your query result based on the values provided for Export Batch row values, such as the filter (where clause), the fetch size, etc.	FindCriteria

■ getBatch:

Parameter	Description	Type
findControl	The flag to retrieve all translations.	FindControl

Output Parameters:

Export job details (Check SDO attributes under [File Export Job V 2](#)).

Example:

To find the latest export job created, please check the below example:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:findJobs
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:fetchStart>0</ns2:fetchStart>
        <ns2:fetchSize>1</ns2:fetchSize>
        <ns2:sortOrder>
          <ns2:sortAttribute>
            <ns2:name>CreationDate</ns2:name>
            <ns2:descending>true</ns2:descending>
          </ns2:sortAttribute>
        </ns2:sortOrder>
      </ns1:findCriteria>
    </ns1:findJobs>
  </soap:Body>
</soap:Envelope>
```

getBatch:

Description: Retrieves export batch information based on the given export batch Id.

Asynch Name: getBatchAsync

Asynch Callback: getBatchAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:getBatch
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:exportBatchId>export_batch_id</ns1:exportBatchId>
    </ns1:getBatch>
  </soap:Body>
</soap:Envelope>
```


Input Parameters:

Parameter	Description	Type
exportBatchId	export batch ID of an executed export job.	Java.lang.Long

Output Parameters:

Export Batch details (Check SDO attributes under [File Export Batch V 2](#)).

deleteBatch:

Description: Deletes a given File Export Batch based on given Export batch record details.

Asynch Name: deleteBatchAsync

Asynch Callback: deleteBatchAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:deleteBatch
      xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:bulkExportBatches1
        xmlns:ns2="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/">
        <ns2:ExportBatchId>export_batch_id</ns2:ExportBatchId>
        <ns2:ExportJobId>export_job_id</ns2:ExportJobId>
        .....
      </ns1:bulkExportBatches1>
    </ns1:deleteBatch>
  </soap:Body>
</soap:Envelope>
```

Input Parameters:

Export batch details (Check SDO attributes under [File Export Batch V 2](#)).

Output Parameters:

Returns void.

findBatches:

Description: Find operation on export batches that are created and available in the environment.

■ findBatches:

Asynch Name: findBatchesAsync

Asynch Callback: findBatchesAsyncResponse

Input Schema:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:findBatches
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:fetchStart />
        <ns2:fetchSize />
        <ns2:filter>
          <ns2:conjunction />
        </ns2:filter>
        <ns2:sortOrder />
        <ns2:excludeAttribute />
      </ns1:findCriteria>
      <ns1:findControl xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:retrieveAllTranslations />
      </ns1:findControl>
    </ns1:findBatches>
  </soap:Body>
</soap:Envelope>
```

Input Parameters:

Parameter	Description	Type
findCriteria	The criteria used to limit your query result based on the values provided for Export Batch row values, such as the filter (where clause), the fetch size, etc.	FindCriteria
findControl	The flag to retrieve all translations.	FindControl

Output Parameters:

Export batch details (Check SDO attributes under [File Export Batches V 2](#)).

Example:

Returns the latest export batch record order by ExportBatchId.

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
```

```

        <ns1:findBatches
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
        <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
            <ns2:fetchStart>0</ns2:fetchStart>
            <ns2:fetchSize>1</ns2:fetchSize>
            <ns2:sortOrder>
                <ns2:sortAttribute>
                    <ns2:name>ExportBatchId</ns2:name>
                    <ns2:descending>true</ns2:descending>
                </ns2:sortAttribute>
            </ns2:sortOrder>
        </ns1:findCriteria>
    </ns1:findBatches>
</soap:Body>
</soap:Envelope>

```

findExportBatchesByJobId:

Description: Find operation on file export batches which are specific to an export JobId.

Asynch Name: findExportBatchesByJobIdAsync

Asynch CallBack: findExportBatchesByJobIdAsyncResponse

Input Schema:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
    <soap:Body>
        <ns1:findExportBatchesByJobId
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
            <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
                <ns2:fetchStart />
                <ns2:fetchSize />
                <ns2:filter>
                    <ns2:conjunction />
                </ns2:filter>
                <ns2:sortOrder />
                <ns2:excludeAttribute />
            </ns1:findCriteria>
            <ns1:jobId />
            <ns1:findControl xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
                <ns2:retrieveAllTranslations />
            </ns1:findControl>
        </ns1:findExportBatchesByJobId>
    </soap:Body>
</soap:Envelope>

```

Input Parameters:

Parameter	Description	Type
findCriteria	The criteria used to limit your query result based on the values provided for Export Batch row values, such as the filter (where clause), the fetch size, etc.	FindCriteria
jobId	Export job ID	Java.lang.Long
findControl	The flag to retrieve all translations.	FindControl

Output Parameters:

Export batch details (Check SDO attributes under [File Export Batches V 2](#)).

Example:

Returns latest export batch id for a given export job id.


```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns1:findExportBatchesByJobId
xmlns:ns1="http://xmlns.oracle.com/apps/crmCommon/bulkExport/bulkExportServiceV2/types/">
      <ns1:findCriteria xmlns:ns2="http://xmlns.oracle.com/adf/svc/types/">
        <ns2:fetchStart>0</ns2:fetchStart>
        <ns2:fetchSize>1</ns2:fetchSize>
        <ns2:sortOrder>
          <ns2:sortAttribute>
            <ns2:name>CreationDate</ns2:name>
            <ns2:descending>true</ns2:descending>
          </ns2:sortAttribute>
        </ns2:sortOrder>
      </ns1:findCriteria>
      <ns1:jobId>export_job_id</ns1:jobId>
    </ns1:findExportBatchesByJobId>
  </soap:Body>
</soap:Envelope>
```

Developer Connect Web Methods:

These Developer Connect web methods are not specific to export, and are available across all fusion web services.

- getDfltObjAttrHints

- An operation to retrieve user interface hints, such as the service data object label and object attribute labels, for the specified service data object and locale. As a prerequisite, invoke the `getEntityList` operation defined on this service to get the list of possible values for the `viewName` request payload element.
- `getServiceLastUpdateTime`
 - An operation that returns the date and time when the schema files referenced in the service definition last changed.
- `getEntityList`
 - An operation to get the list of service data objects defined on this service.



3 Service Data Objects That the Bulk Export Service Version 2 Uses

This topic describes the Service Data Objects (SDO) that the Bulk Export V 2 web service uses. It includes the following information:

- File Export Batch V 2 Service Data Object.
- File Export Job V 2 Service Data Object.

File Export Batch V 2 Service Data Object

The table below lists the attributes that you can use with the File Export Batch V 2 service data object. The ExportBatchId attribute is the only key/Unique attribute.

Attribute	Description	Type
AttachmentEntityName	The attachment associated with the export batch record.	String
CreatedBy	The user who created the export batch row.	String
CreationDate	The date on which the export batch record was created.	Timestamp
EndFilterTm	The end time filter based on last updated date for that exported object.	Timestamp
EndTm	The end time of the scheduled export batch.	Timestamp
ExportBatchId	The unique identifier of the export batch run.	Java.lang.Long
ExportJobId	Export job identifier.	Java.lang.Long
LastUpdateDate	The last updated date of the current	Timestamp

Attribute	Description	Type
	export batch record.	
LastUpdatedBy	The user who last updated the current export batch record.	String
LastUpdateLogin	The session login associated with the user who last updated the export batch.	String
ObjectVersionNumber	The optimistic locking value which is modified when export job is updated.	Integer
StartFilterTm	The start time filter based on last updated date for the exported object.	Timestamp
StartTm	The start time of the scheduled export batch.	Timestamp
Status	The status of the export batch record.	String

File Export Job V 2 Service Data Object

The table below lists the attributes that you can use with the File Export Job V 2 service data object. The ExportJobId attribute is the only key attribute.

Attribute	Description	Type
ActiveFlag	Indicates whether export job is currently active/exporting or not.	Boolean
Compression	The file compression type for export file: <ul style="list-style-type: none"> • CSV – No Compression • ZIP – Zip Compression 	String
CreatedBy	The user who created the export job.	String
CreationDate	The creation time of the export job.	Timestamp
DateFormat	The date format that can be chosen when creating export job: <ul style="list-style-type: none"> • dd/MM/yyyy 	String

Attribute	Description	Type
	<ul style="list-style-type: none"> dd.MON.yyyy 	
DecimalSeparator	<p>The decimal separator used in fields while exporting data:</p> <ul style="list-style-type: none"> Period - . Comma - , 	String
Delimiter	<p>The delimiter used between fields while exporting data:</p> <ul style="list-style-type: none"> Comma Tab 	String
DescriptionText	The job description that can be entered while creating export job.	String
EndDateTm	The end date time for a repeating export job.	Timestamp
EndOfLine	<p>The end of line character that is exported after reading each record:</p> <ul style="list-style-type: none"> Line Feed. Carriage Return. Carriage Return and Line Feed. 	String
ExportJobId	The unique value for an export Job.	Java.lang.Long
ExportMapId	The export map identifier that is associated with current export job.	Java.lang.Long
FileCharset	The character set of the data that is exported.	String
FileType	<p>The type of file that is exported:</p> <ul style="list-style-type: none"> CSV ZIP 	String
HeaderRowIncluded	<p>Indicates whether or not a header is exported before data in exported file:</p> <ul style="list-style-type: none"> Y - Header exported N - Header not exported. 	String
LastBatchId	The last executed export batch	Java.lang.Long

Attribute	Description	Type
	identifier.	
LastBatchStartTm	The start time of last executed export batch.	Timestamp
LastUpdateDate	The date when the export job is last updated.	Timestamp
LastUpdatedBy	The user who has last updated the export job.	String
LastUpdateLogin	The session login associated with the user who last updated export job.	String
Name	The name of the export job.	String
NextScheduleTm	The next scheduled batch time for a scheduled export job.	Timestamp
NullValue	The value used in export fields in case of NULL value. The default value is NULL.	String
ObjectVersionNumber	The optimistic locking value which is modified when export job is updated.	Integer
ParentRequestId	The parent ESS request identifier in case of a repeating export job.	Java.lang.Long
QuoteChar	The character(s) to be used to encapsulate value if it contains the delimiter.	String
RepeatFrequency	The frequency with which a scheduled export job is run.	Java.lang.Long
RepeatUnitCd	The repeat unit code (hours, days, weeks, months) for a scheduled export job.	String
RequestId	The ESS request identifier activated by the export job.	Java.lang.Long
ScheduleModeCd	The mode of scheduled export job: <ul style="list-style-type: none"> Repeating. 	String

Attribute	Description	Type
	<ul style="list-style-type: none"> • One time. • Incremental. 	
ScheduleStatusCd	Indicates whether an export job is scheduled or not.	String
ScheduleTypeCd	The schedule type of an export job. <ul style="list-style-type: none"> • Immediate • Scheduled 	String
StartTm	The start time of a scheduled export batch.	Timestamp
TimestampFormat	The timestamp format used by export for TimeStamp fields.	String
ExportJobNumber	The unique string representing an export job.	String