Omneon MediaBridge™
Web Services Description

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# Table of Contents

## Monitoring Web Service

<table>
<thead>
<tr>
<th>Method</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetOperations()</td>
<td>3</td>
</tr>
<tr>
<td>GetOperationDescription (string operationId)</td>
<td>3</td>
</tr>
<tr>
<td>GetStatus (string operationId)</td>
<td>3</td>
</tr>
<tr>
<td>purge_complete_and_cancelled ()</td>
<td>4</td>
</tr>
<tr>
<td>purge_all_failed ()</td>
<td>4</td>
</tr>
<tr>
<td>cancel_operation (string operationId)</td>
<td>4</td>
</tr>
<tr>
<td>retry_operation (string operationID)</td>
<td>4</td>
</tr>
<tr>
<td>redo_operation (string operationID)</td>
<td>4</td>
</tr>
<tr>
<td>cancel_all ()</td>
<td>4</td>
</tr>
</tbody>
</table>

## Configuration Web Service

<table>
<thead>
<tr>
<th>Method</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>get_registered_processing_chain_classes ()</td>
<td>4</td>
</tr>
<tr>
<td>get_active_Pcs ()</td>
<td>4</td>
</tr>
<tr>
<td>add_processing_chain (string processingChainClass, string xmlString)</td>
<td>5</td>
</tr>
<tr>
<td>remove_processing_chain (string processing_chain_id)</td>
<td>5</td>
</tr>
<tr>
<td>new_operation (string processing_chain_id, string xmlString)</td>
<td>5</td>
</tr>
</tbody>
</table>
Monitoring Web Service

GetOperations()
Returns all the identifiers (ID’s) of all operations into an array of strings. Each string represents an identifier (ID) of one operation.

GetOperationDescription (string operationId)
Returns the description for an operation with the given operation ID.

Example of the returned description:

```xml
<OpDescription>
  <readfromsourcepackage>False</readfromsourcepackage>
  <clip_name/>
  <com_server_name>MOG.Toboggan.MediaTransfer.IPIngest</com_server_name>
  <files_to_ingest>
    <files_to_ingestItem>file:C:\temp\input_folder_mxf\C0001.MXF</files_to_ingestItem>
  </files_to_ingest>
  <input_file>C:\temp\temp_folder\0b5dc306-ea96-4c61-bd78-763013e0375f.xml</input_file>
</OpDescription>
```

GetStatus (string operationId)
Returns a string in the form of XML with the status of all the operations.

Example of the returned description:

```xml
<StatusList>
  <StatusItem>
    <Status>2</Status>
    <Percentage>0.0</Percentage>
    <ID>11945175323602eae7251a7f5099f4cf61fee9b048</ID>
  </StatusItem>
  <StatusItem>
    <Status>2</Status>
    <Percentage>0.0</Percentage>
    <ID>11945175413eebdcea4b0c9bff8f7434028293afa3</ID>
  </StatusItem>
</StatusList>
```

The field Status translation is:

- 0 - STATE_IDLE
- 1 - STATE_RUNNING
- 2 - STATE_FAILED
- 3 - STATE_PAUSED
4 - STATE_CANCELLED
5 - STATE_COMPLETE
6 - STATE_PENDING
7 - STATE_CANCELLING
8 - STATE_CONSOLIDATING
9 - STATE_INITIALIZING

**purge_complete_and_cancelled ()**
Purge all of the complete and cancelled operations. Returns a boolean value which indicates if the request was successfully received or not.

**purge_all_failed ()**
Cancel all failed operations. Returns a boolean value which indicates if the request was successfully received or not.

**cancel_operation (string operationID)**
Cancel the operation with the given operation ID. Returns a boolean value which indicates if the request was successfully received or not.

**retry_operation (string operationID)**
Do a “retry request” of the failed operation with the given ID. Returns a boolean value which indicates if the request was successfully received or not.

**redo_operation (string operationID)**
Do a “redo request” of the operation with the given ID. Returns a boolean value which indicates if the request was successfully received or not.

**cancel_all ()**
Cancel all operations. Returns a boolean value which indicates if the request was successfully received or not.

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**Configuration Web Service**

**get_registered_processing_chain_classes ()**
Returns an array of strings with the names of the supported processing chain classes.

**get_active_Pcs ()**
Returns a string with an XML describing the active processing chains.

*Return example:*

```
<active_pcs><pc><class>mog.toboggan.core.default_com_operation.CODProcessorChain</class><id>de4e77c3-f5a8-443d-a1bf-4c113e143f42</id><name>default</name></pc></active_pcs>
```
add_processing_chain (string processingChainClass, string xmlString)

Adds a new processing chain of a specific processingChainClass and returns empty string "" when succeeded. The parameter xmlString is the specific processing chain.

xmlString parameter example:

```xml
<processing_chain given_name="default">
    <private_data>
        <file_complete_period value="0.5"/>
        <cod_operator_id value="MOG.Toboggan.EDLDirectWrite"/>
        <cod_input_folder value="C:/' />
    </private_data>
</processing_chain>
```

remove_processing_chain (string processing_chain_id)

Returns the list of processing chains in a string which represents an XML.

Response example:

```xml
<processing_chain max_retries="0" id="de4e77c3-f5a8-443d-a1bf-4c113e143f42"
module="mog.toboggan.core.default_com_operation.CODProcessorChain" given_name="default">
    <private_data>
        <file_complete_period value="0.5"/>
        <cod_operator_id value="MOG.Toboggan.EDLDirectWrite"/>
        <cod_input_folder value="C:/' />
    </private_data>
</processing_chain>
```

new_operation (string processing_chain_id, string xmlString)

Creates an operation on a specific processing chain. The parameter xmlString is a COD.