

webwebAPI

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web

web

- 1. YellowfinGETCONTENT
- 2. YellowfinContentResource
- 3. ContentResourceYellowfin
- 4. YellowfinresorceType

|  | ContentResource resourceType |
|--|------------------------------|
|  | RPTCATEGORY                  |
|  | RPTSUBCATEGORY               |
|  | DATASOURCE                   |
|  | VIEW                         |
|  | GROUP                        |
|  | REPORT                       |
|  | ETLPROCESS                   |

- 5. GETEXPORTDEPENDRNCIESContentResource
- 6. ContentResourceContentResource
- 7. YellowfinXMLContentResourceEXPORTCONTENTYellowfin
- 8. GETEXPORTDEPENDENCIESEXPORTCONTENTweb

Yellowfin

|          |         |                                                       |
|----------|---------|-------------------------------------------------------|
|          |         |                                                       |
| LoginId  | String  | Yellowfin WebIDIDID<br>Yellowfin <b>Yellowfin Web</b> |
| Password | String  |                                                       |
| OrgId    | Integer | YellowfinID1                                          |
| Function | String  | Web <b>GETCONTENT</b>                                 |

|        |        |    |
|--------|--------|----|
| OrgRef | String | ID |
|--------|--------|----|

#### SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>GETCONTENT</function>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|                  |                                   |                                                                                    |
|------------------|-----------------------------------|------------------------------------------------------------------------------------|
|                  |                                   |                                                                                    |
| StatusCode       | String                            | Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul> |
| ContentResources | <a href="#">ContentResource[]</a> | Yellowfin                                                                          |

#### SOAP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <contentResources>
          <resourceCode>AUDITREPORTS</resourceCode>
          <resourceDescription>Audit Reports</resourceDescription>
          <resourceId>56339</resourceId>
          <resourceName>Audit Reports</resourceName>
          <resourceOrgId>1</resourceOrgId>
          <resourceType>RPTCATEGORY</resourceType>
          <resourceUUID>a6bdc6b5-a832-42a2-98c7-18273900d0aa</resourceUUID>
        </contentResources>
        <contentResources>
          <resourceCode>ADMINREPORTS</resourceCode>
          <resourceDescription>Admin Reports</resourceDescription>
          <resourceId>56340</resourceId>
          <resourceName>Admin Reports</resourceName>
          <resourceOrgId>1</resourceOrgId>
          <resourceType>RPTSUBCATEGORY</resourceType>
          <resourceUUID>f7fb32b7-1573-4899-916f-c34afb9a865d</resourceUUID>
        </contentResources>
        <contentResources>
          <resourceCode>CONTENTUSAGE</resourceCode>
          <resourceDescription>Content Usage</resourceDescription>
          <resourceId>56341</resourceId>
        </contentResources>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>
```

```

    <resourceName>Content Usage</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>6bae5230-c1f9-4491-8a8b-f14b1ae660d7</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>USERACCESS</resourceCode>
    <resourceDescription>User Access</resourceDescription>
    <resourceId>56342</resourceId>
    <resourceName>User Access</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>0c7ddde4-fa03-4e88-b37b-7b5e4aad5e1d</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>TUTORIAL</resourceCode>
    <resourceDescription>Tutorial</resourceDescription>
    <resourceId>60706</resourceId>
    <resourceName>Tutorial</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTCATEGORY</resourceType>
    <resourceUUID>a23c2ec6-a2fa-45c7-b5da-dcf3f02e6633</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>ATHLETES</resourceCode>
    <resourceDescription>Athletes</resourceDescription>
    <resourceId>60707</resourceId>
    <resourceName>Athletes</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>72e4b4bd-a482-4a01-a031-c6ab76dbb3a5</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>CAMP</resourceCode>
    <resourceDescription>Camp</resourceDescription>
    <resourceId>60708</resourceId>
    <resourceName>Camp</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>465411e5-594b-478e-af64-c0f59fc4546f</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>KPIS</resourceCode>
    <resourceDescription>KPIs</resourceDescription>
    <resourceId>60709</resourceId>
    <resourceName>KPIs</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>d514c643-dc01-4781-8905-d34e761ccd19</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>MARKETINGBOOKING</resourceCode>
    <resourceDescription>Marketing & Booking</resourceDescription>
    <resourceId>60710</resourceId>
    <resourceName>Marketing & Booking</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>dbe6d0a3-c088-4d71-b65a-f383aaa54be9</resourceUUID>
</contentResources>
<contentResources>
    <resourceCode>TRAINING</resourceCode>
    <resourceDescription>Training</resourceDescription>
    <resourceId>60711</resourceId>
    <resourceName>Training</resourceName>
    <resourceOrgId>1</resourceOrgId>
    <resourceType>RPTSUBCATEGORY</resourceType>
    <resourceUUID>c503ea57-cc69-43a9-98bc-a90ebbe1c864</resourceUUID>
</contentResources>
<contentResources>
    <resourceDescription/>
    <resourceId>70101</resourceId>

```

```

        <resourceName>Oracle database</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription/>
        <resourceId>70109</resourceId>
        <resourceName>Oracle</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription>Ski Team is the demonstration and tutorial database.</resourceDescription>
        <resourceId>54700</resourceId>
        <resourceName>Ski Team</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription/>
        <resourceId>54701</resourceId>
        <resourceName>Yellowfin Configuration Database</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription/>
        <resourceId>70108</resourceId>
        <resourceName>c</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription/>
        <resourceId>70110</resourceId>
        <resourceName>f</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>DATASOURCE</resourceType>
    </contentResources>
    <contentResources>
        <resourceDescription>This is a tutorial view for training and demo purposes.<
/resourceDescription>
        <resourceId>60543</resourceId>
        <resourceName>Ski Team</resourceName>
        <resourceType>VIEW</resourceType>
        <resourceUUID>e3632adb-5194-460c-a172-c085416f493f</resourceUUID>
    </contentResources>
    <contentResources>
        <resourceDescription>This view should be used to monitor usage of Yellowfin by User and Content
Type.</resourceDescription>
        <resourceId>56169</resourceId>
        <resourceName>Yellowfin Usage Audit</resourceName>
        <resourceType>VIEW</resourceType>
        <resourceUUID>fb6416c4-441e-42b3-a442-e7426f25f6b4</resourceUUID>
    </contentResources>
    <contentResources>
        <resourceDescription>This dashboard contains a set of reports covering general system and admin
information, including performance, sessions, data source & view usage.</resourceDescription>
        <resourceId>57438</resourceId>
        <resourceName>Admin</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>GROUP</resourceType>
        <resourceUUID>33827292-cda6-4071-965f-730ccbc53519</resourceUUID>
    </contentResources>
    <contentResources>
        <resourceDescription>This is an analytic tab that is used to understand examine metrics split by
various demographics and filters.</resourceDescription>
        <resourceId>61195</resourceId>
        <resourceName>Analysis</resourceName>
        <resourceOrgId>1</resourceOrgId>
        <resourceType>GROUP</resourceType>

```

```

        <resourceUUID>f19e63f5-7175-4c57-897d-ed865aba8972</resourceUUID>
    </contentResources>
</contentResources>
    <errorCode>0</errorCode>
    <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
    <messages>Web Service Request Complete</messages>
    <sessionId>92029c8ae4f1db0f33bf0b7370c1088a</sessionId>
    <statusCode>SUCCESS</statusCode>
</return>
</ns2:remoteAdministrationCallResponse>
</S:Body>
</S:Envelope>

```

## Java

- web

```

rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("GETCONTENT");

```

- 

```

rsr.setOrgRef("org1");

```

- 

```

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

```

web

- StatusCodeContentResource

## web

1. **ws\_getcontent.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_getcontent.jsp**

```

<%
/*      ws_getcontent.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%

AdministrationServiceService s_adm = new AdministrationServiceServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_adm.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au"); // provide your Yellowfin webservices admin account
rsr.setPassword("test");                  // change to be the password of the account
above
rsr.setOrgId(1);
rsr.setFunction("GETCONTENT");

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode()) ) {
        out.write("<br>Success");
        ContentResource[] crs = rs.getContentResources();
        out.write("<table>");
        out.write("<tr><td> id </td><td> type </td><td> UUID </td></tr>");
        for (ContentResource c: crs) {
            out.write("<tr>");
            out.write("<td>" + c.getResourceId() + "</td><td>" + c.getResourceType() +
"</td><td>" + c.getResourceUUID() + "</td>");
            out.write("</tr>");
        }
    }
    else {
        out.write("<br>Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

## YellowfinXML

|                  |                                 |                                               |
|------------------|---------------------------------|-----------------------------------------------|
| LoginId          | String                          | Yellowfin WebIDIDID<br>YellowfinYellowfin Web |
| Password         | String                          |                                               |
| OrgId            | Integer                         | YellowfinID1                                  |
| Function         | String                          | WebEXPORTCONTENT                              |
| OrgRef           | String                          | ID                                            |
| ContentResources | <a href="#">ContentResource</a> |                                               |

## ContentResource

|                 |  |  |
|-----------------|--|--|
| ContentResource |  |  |
|-----------------|--|--|

|              |         |                                                                                                                                                                                          |
|--------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ResourceID   | Integer | ID                                                                                                                                                                                       |
| ResourceType | String  | <ul style="list-style-type: none"> <li>• RPTCATEGORY</li> <li>• RPTSUBCATEGORY</li> <li>• DATASOURCE</li> <li>• VIEW</li> <li>• GROUP</li> <li>• REPORT</li> <li>• ETLPROCESS</li> </ul> |
| ResourceUUID | String  | UUID                                                                                                                                                                                     |

## SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>EXPORTCONTENT</function>
        <contentResources>
          <resourceId>56169</resourceId>
          <resourceType>VIEW</resourceType>
        </contentResources>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|                   |                                      |                                                                                    |
|-------------------|--------------------------------------|------------------------------------------------------------------------------------|
|                   |                                      |                                                                                    |
| StatusCode        | String                               | Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul> |
| BinaryAttachments | <a href="#">ReportBinaryObject[]</a> | Yellowfin                                                                          |

## ReportBinaryObject

| <b>ReportBinaryObject</b> |        |                     |
|---------------------------|--------|---------------------|
| Key                       | String | <b>EXPORT/XML</b>   |
| ContentType               | String | <b>MIMEtext/XML</b> |
| Data                      | Byte[] | XML                 |

## SOAP

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>EXPORTCONTENT</function>
        <contentResources>
          <resourceId>56169</resourceId>
          <resourceType>VIEW</resourceType>
        </contentResources>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

## Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("EXPORTCONTENT");
```

- 

```
ContentResource[] cr = new ContentResource[1];
cr[0] = new ContentResource();
cr[0].setResourceId(70058);
cr[0].setResourceType("GROUP");
cr[0].setResourceOrgId(1);
```

- 

```
rsr.setContentResources(cr);
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCodeReportBinaryObject



web

1. **ws\_exportcontent.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_exportcontent.jsp**

```
<%
/*      ws_exportcontent.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.io.PrintWriter" %>
<%
AdministrationService s_admin = new AdministrationServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_admin.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");      // provide your Yellowfin web services admin account
rsr.setPassword("test");      // set to the password of the above account
rsr.setOrgId(1);
rsr.setFunction("EXPORTCONTENT");

// specify which dashboard to export:
ContentResource[] cr = new ContentResource[1];
cr[0] = new ContentResource();
cr[0].setResourceId(70058);
cr[0].setResourceType("GROUP");
cr[0].setResourceOrgId(1);

rsr.setContentResources(cr);

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

if ("SUCCESS".equals(rs.getStatusCode()) ) {
    out.write("<br>Success");
    byte[] data = rs.getBinaryAttachments()[0].getData();
    String xml = new String(data, "UTF-8");
    PrintWriter writer = new PrintWriter("/Applications/Yellowfin 7.4/YFexport.xml", "UTF-8");
    writer.println(xml);
    writer.close();

    ReportBinaryObject[] bo = rs.getBinaryAttachments();
    for (ReportBinaryObject o : bo){
        out.write("<br><br>Key: " + o.getKey());
        out.write("<br>Content Type: " + o.getContentType());
    }

} else {
    out.write("Failure");
    out.write(" Code: " + rs.getErrorCode());
}
%>
```

ContentResourceIDGETCONTENT

|                  |                 |                                               |
|------------------|-----------------|-----------------------------------------------|
|                  |                 |                                               |
| LoginId          | String          | Yellowfin WebIDIDID<br>YellowfinYellowfin Web |
| Password         | String          |                                               |
| OrgId            | Integer         | YellowfinID1                                  |
| Function         | String          | WebGETEXPORTDEPENDENCIES                      |
| OrgRef           | String          | ID                                            |
| ContentResources | ContentResource |                                               |

ContentResource

|                 |         |                                                                                                                                                                                  |
|-----------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ContentResource |         |                                                                                                                                                                                  |
| ResourceID      | Integer | ID                                                                                                                                                                               |
| ResourceType    | String  | <ul style="list-style-type: none"><li>• RPTCATEGORY</li><li>• RPTSUBCATEGORY</li><li>• DATASOURCE</li><li>• VIEW</li><li>• GROUP</li><li>• REPORT</li><li>• ETLPROCESS</li></ul> |
| ResourceUUID    | String  | UUID                                                                                                                                                                             |

SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>GETEXPORTDEPENDENCIES</function>
        <contentResources>
          <resourceId>56169</resourceId>
          <resourceType>VIEW</resourceType>
        </contentResources>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

|                  |                                   |                                                                                    |
|------------------|-----------------------------------|------------------------------------------------------------------------------------|
| StatusCode       | String                            | Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul> |
| ContentResources | <a href="#">ContentResource[]</a> |                                                                                    |

## SOAP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <contentResources>
          <resourceDescription/>
          <resourceId>54701</resourceId>
          <resourceName>Yellowfin Configuration Database</resourceName>
          <resourceOrgId>1</resourceOrgId>
          <resourceType>DATASOURCE</resourceType>
        </contentResources>
        <errorCode>0</errorCode>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Web Service Request Complete</messages>
        <sessionId>97d7f893d787daf2806a13cdfa6f09d3</sessionId>
        <statusCode>SUCCESS</statusCode>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>
```

## Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("GETEXPORTDEPENDENCIES");
```

- 

```
rsr.setOrgRef("org1");
```

- ContentResource

```
ContentResource[] cr = new ContentResource[1];

cr[0] = new ContentResource();
cr[0].setResourceId(70307);
cr[0].setResourceType("GROUP");
cr[0].setResourceOrgId(1);
```

-

```
rsr.setContentResources(cr);
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCodeContentResource

web

1. **ws\_getexportdependencies.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_getexportdependencies.jsp**

```

<%
/*      ws_getexportdependencies.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.io.PrintWriter" %>
<%
AdministrationServiceService s_adm = new AdministrationServiceServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_adm.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");      // provide your Yellowfin webservices admin account
rsr.setPassword("test");      // set to the password of the account above
rsr.setOrgId(1);
rsr.setFunction("GETEXPORTDEPENDENCIES");

ContentResource[] cr = new ContentResource[1];

cr[0] = new ContentResource();
cr[0].setResourceId(70307);
cr[0].setResourceType("GROUP");
cr[0].setResourceOrgId(1);

rsr.setContentResources(cr);

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

if ("SUCCESS".equals(rs.getStatusCode()) ) {
    out.write("<br>Success");
    ContentResource[] crs = rs.getContentResources();
    out.write("<table>");
    out.write("<tr><td> id </td><td> type </td><td> UUID </td></tr>");
    for (ContentResource c: crs) {
        out.write("<tr>");
        out.write("<td>" + c.getResourceId() + "</td><td>" + c.getResourceType() + "</td><td>"
+ c.getResourceUUID() + "</td>");
        out.write("</tr>");
    }
} else {
    out.write("Failure");
    out.write(" Code: " + rs.getErrorCode());
}
%>

```

## web

Yellowfinweb

1. webYFXXMLEXPORTCONTENT
  - YellowfinwebAPI
  - web
2. ContentResourceGETIMPORTCONTENT
3. ImportOptionIMPORTCONTENTIMPORTIMPORTCONTENTNOVALIDATIONYellowfinImportOptionoptionKey
4. ImportOption
5. TESTIMPORTCONTENTTESTIMPORTCONTENTNOVALIDATIONweb

6. IMPORTCONTENTYellowfindevelopment/examples/webservices/ws\_admin\_import.jsplimportOptionYellowfin/appserver/webapps/ROOT  
http://<host>:<port>/ws\_admin\_import.jsp

ImportContentoptionValueoptionKey

| optionKey | optionValue                                          |
|-----------|------------------------------------------------------|
| SKIP      | truefalse                                            |
| OPTION    | REPLACEADD                                           |
| EXISTING  | YellowfinUUID<br>optionKey=OPTIONoptionValue=REPLACE |
| PASSWORD1 |                                                      |

YellowfinContentResourceGETIMPORTCONTENT

| ResourceId | ResourceType   | ResourceName | ResourceUUID                         |
|------------|----------------|--------------|--------------------------------------|
| 70031      | DATASOURCE     | CSV          | null                                 |
| 70209      | VIEW           | months       | b974f55a-269b-4a4b-b1c6-bf9b968be723 |
| null       | RPTCATEGORY    | Tutorial     | a23c2ec6-a2fa-45c7-b5da-dcf3f02e6633 |
| null       | RPTSUBCATEGORY | Reports      | 58834ae1-2f65-44c0-b6c3-7c9cd2f91bd5 |
| 70279      | REPORT         | My Report    | fd3794b3-62c0-4cf8-bac0-755e68d9c41e |

5ImportOptionitemIndexContentResourceindexContentResource

| ResourceId | ResourceType   | importOption itemIndex |
|------------|----------------|------------------------|
| 70031      | DATASOURCE     | 0                      |
| 70209      | VIEW           | 1                      |
| null       | RPTCATEGORY    | 2                      |
| null       | RPTSUBCATEGORY | 3                      |
| 70279      | REPORT         | 4                      |

ImportOption

| itemIndex | optionKey | optionValue |             |
|-----------|-----------|-------------|-------------|
| 0         | SKIP      | true        |             |
| 1         | SKIP      | true        |             |
| 2         | SKIP      | true        |             |
| 3         | SKIP      | true        |             |
| 4         | SKIP      | false       |             |
| 4         | OPTION    | REPLACE     |             |
| 4         | EXISTING  | 70287       | YellowfinID |

ImportOption

|  |  |
|--|--|
|  |  |
|--|--|

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |

YFXXMLContentResource

|           |          |                                                       |
|-----------|----------|-------------------------------------------------------|
|           |          |                                                       |
| LoginId   | String   | Yellowfin WebIDIDID<br>Yellowfin <b>Yellowfin Web</b> |
| Password  | String   |                                                       |
| OrgId     | Integer  | YellowfinID1                                          |
| Function  | String   | Web <b>GETIMPORTCONTENT</b>                           |
| OrgRef    | String   | ID                                                    |
| Parameter | String[] | StringsStringUTF-8 String <b>YFXXML</b>               |

|                 |                                    |                                                                                 |
|-----------------|------------------------------------|---------------------------------------------------------------------------------|
|                 |                                    |                                                                                 |
| StatusCode      | String                             | Web <ul style="list-style-type: none"><li>• SUCCESS</li><li>• FAILURE</li></ul> |
| ContenResources | <a href="#">ContentResource</a> [] | Yellowfin                                                                       |

Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("GETIMPORTCONTENT");
```

-

```
Path path = Paths.get("/Applications/Yellowfin 7.4/qwerty.yfx");

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");
```

- YFXXML

```
rsr.setParameters(new String[]{f, "YFX"});
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCodeContentResource

web

1. **ws\_getimportcontent.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_getimportcontent.jsp**



```

<%
/*      ws_getimportcontent.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.nio.file.Paths" %>
<%@ page import="java.nio.file.Path" %>

<%
AdministrationServiceService s_admin = new AdministrationServiceServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_admin.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");      // provide your Yellowfin web services admin account
rsr.setPassword("test");      // set to the password of the above account
rsr.setOrgId(1);
rsr.setFunction("GETIMPORTCONTENT");

Path path = Paths.get("/Applications/Yellowfin 7.4/qwerty.yfx");      // existing file

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");

rsr.setParameters(new String[]{f,"YFX"});

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

if ("SUCCESS".equals(rs.getStatusCode()) ) {
    ContentResource[] cr = rs.getContentResources();
    out.write("<br>Success");
    for (ContentResource o : cr){
        out.write("<br><br>resourceType: " + o.getResourceType());
        out.write("<br>resourceCode: " + o.getResourceCode());
        out.write("<br>resourceName: " + o.getResourceName());
        out.write("<br>resourceDescription: " + o.getResourceDescription());
        out.write("<br>resourceOrgId: " + o.getResourceOrgId());
        out.write("<br>resourceId: " + o.getResourceId());
        out.write("<br>resourceUUID: " + o.getResourceUUID());
    }
} else {
    out.write("Failure");
    out.write(" Code: " + rs.getErrorCode());
}
%>

```

XMLYFXYellowfin

|          |         |                                                       |
|----------|---------|-------------------------------------------------------|
|          |         |                                                       |
| LoginId  | String  | Yellowfin WebIDIDID<br>Yellowfin <b>Yellowfin Web</b> |
| Password | String  |                                                       |
| OrgId    | Integer | YellowfinID1                                          |

|               |                        |                                         |
|---------------|------------------------|-----------------------------------------|
| Function      | String                 | Web <b>IMPORTCONTENT</b>                |
| OrgRef        | String                 | ID                                      |
| Parameters    | String[]               | StringsStringUTF-8 String <b>YFXXML</b> |
| ImportOptions | <b>ImportOption</b> [] | Yellowfin                               |

SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <!--Optional:-->
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>IMPORTCONTENT</function>
        <parameters>PD94bWwgdMVC2lvbj0iMS4wIiBlbmNvZGluZz0i ... </parameters>
        <parameters>XML</parameters>
        <importOption>
          <optionIndex>0</optionIndex>
          <optionKey>OPTION</optionKey>
          <optionValue>REPLACE</optionValue>
          <optionIndex>1</optionIndex>
          <optionKey>EXISTING</optionKey>
          <optionValue>70279</optionValue>
        </importOption>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|            |        |                                                                             |
|------------|--------|-----------------------------------------------------------------------------|
|            |        |                                                                             |
| StatusCode | String | Web <ul style="list-style-type: none"><li>SUCCESS</li><li>FAILURE</li></ul> |

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <errorCode>0</errorCode>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Web Service Request Complete</messages>
        <sessionId>3c25c8a81c971e26bd23d4ed60194fba</sessionId>
        <statusCode>SUCCESS</statusCode>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>

```

## Java

- web

```

rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("IMPORTCONTENT");

```

- 

```

Path path = Paths.get("/Applications/Yellowfin 7.4/YFexport.xml");

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");

```

- YFXXML

```

rsr.setParameters(new String[]{f, "XML"});

```

- 

```

ImportOption[] options = new ImportOption[2];
options[0] = new ImportOption();
options[0].setItemIndex(0);
options[0].setOptionKey("OPTION");
options[0].setOptionValue("REPLACE");

options[1] = new ImportOption();
options[1].setItemIndex(0);
options[1].setOptionKey("EXISTING");
options[1].setOptionValue("70279");

```

-

```
rsr.setImportOptions(options);
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCode

web

1. **ws\_importcontent.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_importcontent.jsp**

```

<%
/*      ws_importcontent.jsp                                */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.nio.file.Paths" %>
<%@ page import="java.nio.file.Path" %>
<%
AdministrationService s_admin = new AdministrationServiceLocator("localhost",8080, "/services
/AdministrationService", false);          // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_admin.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");          // provide your Yellowfin web services admin
account
rsr.setPassword("test");                          // set to the password of the above account
rsr.setOrgId(1);
rsr.setFunction("IMPORTCONTENT");

/*      Yfexport.xml contains just one report with no dependencies
        which can be retrieved using an EXPORTCONTENT web service call and passing a single report id.
        FYI. Latest Yellowfin builds do not allow export Yellowfin content WITHOUT dependencies,
        so ImportOption in this example will not suit any YFX file.
        You need to define proper ImportOption anyway
*/
Path path = Paths.get("/Applications/Yellowfin 7.4/YFexport.xml");

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");

rsr.setParameters(new String[]{f,"XML"});

    ImportOption[] options = new ImportOption[2];
    options[0] = new ImportOption();
    options[0].setItemIndex(0);
    options[0].setOptionKey("OPTION");
    options[0].setOptionValue("REPLACE");

    options[1] = new ImportOption();
    options[1].setItemIndex(0);
    options[1].setOptionKey("EXISTING");

/*      existing report Id. Can be retrieved from ReportHeader table of Yellowfin database,
ReportId column.

        keep in mind that the reportId changes each time when a user modifies the report.
        You can use the GETIDFORUUID call to get the valid reportId value for the report.
*/
    options[1].setOptionValue("70279");

rsr.setImportOptions(options);

AdministrationServiceResponse rs1 = adminService.remoteAdministrationCall(rsr);

    if ("SUCCESS".equals(rs1.getStatusCode()) ) {
        out.write("<br>Test Import Success");
    }
    else {
        out.write("Failure");
        out.write(" Code: " + rs1.getErrorCode());
    }

%>

```

webIMPORTCONTENT

YFXXML

|               |                |                                               |
|---------------|----------------|-----------------------------------------------|
|               |                |                                               |
| LoginId       | String         | Yellowfin WebIDIDID<br>YellowfinYellowfin Web |
| Password      | String         |                                               |
| OrgId         | Integer        | YellowfinID1                                  |
| Function      | String         | WebTESTIMPORTCONTENT                          |
| OrgRef        | String         | ID                                            |
| Parameter     | String[]       | StringsStringUTF-8 StringYFXXML               |
| ImportOptions | ImportOption[] |                                               |

SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <!--Optional:-->
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>TESTIMPORTCONTENT</function>
        <parameters>PD94bWwgdmVyc2lrbj0iMS4wIiBlbmNvZGluZz0i ... </parameters>
        <parameters>XML</parameters>
        <importOption>
          <optionIndex>0</optionIndex>
          <optionKey>OPTION</optionKey>
          <optionValue>REPLACE</optionValue>
          <optionIndex>1</optionIndex>
          <optionKey>EXISTING</optionKey>
          <optionValue>70279</optionValue>
        </importOption>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

|                  |                                   |                                                                                    |
|------------------|-----------------------------------|------------------------------------------------------------------------------------|
| StatusCode       | String                            | Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul> |
| ImportIssues     | <a href="#">ImportIssue[]</a>     |                                                                                    |
| ContentResources | <a href="#">ContentResource[]</a> | Yellowfin                                                                          |

## SAOP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <contentResources>
          <resourceDescription>months, 6/3/2018 8:53 AM</resourceDescription>
          <resourceId>70279</resourceId>
          <resourceName>My Report 1000</resourceName>
          <resourceType>REPORT</resourceType>
          <resourceUUID>fd3794b3-62c0-4cf8-bac0-755e68d9c41e</resourceUUID>
        </contentResources>
        <errorCode>0</errorCode>
        <importIssues>
          <issueElements>
            <messageKey>error.reports.import.view</messageKey>
            <renderedMessage>View has not been selected.</renderedMessage>
          </issueElements>
          <issueElements>
            <messageKey>error.reports.import.category</messageKey>
            <renderedMessage>Folder has not been selected.</renderedMessage>
          </issueElements>
          <resource>
            <resourceDescription>months, 6/3/2018 8:53 AM</resourceDescription>
            <resourceId>70279</resourceId>
            <resourceName>My Report 1000</resourceName>
            <resourceType>REPORT</resourceType>
            <resourceUUID>fd3794b3-62c0-4cf8-bac0-755e68d9c41e</resourceUUID>
          </resource>
        </importIssues>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Web Service Request Complete</messages>
        <sessionId>ab398569ce36672e9d776c3dae3804d6</sessionId>
        <statusCode>SUCCESS</statusCode>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>
```

## Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("TESTIMPORTCONTENT");
```

-

```
Path path = Paths.get("/Applications/Yellowfin 7.4/qwerty.yfx");

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");
```

- YFXXML

```
rsr.setParameters(new String[]{f, "YFX"});
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- 

```
if ("SUCCESS".equals(rs.getStatusCode()) ) {
    out.write("<br>Success");

    ContentResource[] crs = rs.getContentResources();

    ImportIssue[] ImportIssues = rs.getImportIssues();
    out.write("<br>Import Issues: " + (ImportIssues!=null?ImportIssues.length:"no issues"));

    out.write("<table>");
    out.write("<tr><td> ResourceId </td><td> ResourceType </td><td> ResourceName </td><td>
ResourceUUID </td></tr>");
    for (ContentResource c: crs) {
        out.write("<tr>");
        out.write("<td>" + c.getResourceId() + "</td><td>" + c.getResourceType() + "<
/td><td>" + c.getResourceName() + "</td><td>" + c.getResourceUUID() + "</td>");
        out.write("</tr>");
    }
} else {
    out.write("Failure");
    out.write(" Code: " + rs.getErrorCode());
}
```

- StatusCodeImportIssuesContentResources

web

1. **ws\_testimportcontent.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_testimportcontent.jsp**



```

<%
/*      ws_testimportcontent.jsp                                */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.nio.file.Paths" %>
<%@ page import="java.nio.file.Path" %>
<%
AdministrationService s_adm = new AdministrationServiceLocator("localhost",8080, "/services
/AdministrationService", false);          // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_adm.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");          // provide your Yellowfin web services admin account
rsr.setPassword("test");                          // set to the password of the above account
rsr.setOrgId(1);
rsr.setFunction("TESTIMPORTCONTENT");

Path path = Paths.get("/Applications/Yellowfin 7.4/www.yfx");          // existing file

byte[] data = Files.readAllBytes(path);
byte[] encodeBase64 = java.util.Base64.getEncoder().encode(data);
String f = new String(encodeBase64, "UTF-8");

rsr.setParameters(new String[]{f,"YFX"});

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

if ("SUCCESS".equals(rs.getStatusCode()) ) {
    out.write("<br>Success");

    ContentResource[] crs = rs.getContentResources();

    ImportIssue[] ImportIssues = rs.getImportIssues();
    out.write("<br>Import Issues: " + (ImportIssues!=null?ImportIssues.length:"no issues"));

    out.write("<table>");
    out.write("<tr><td> ResourceId </td><td> ResourceType </td><td> ResourceName </td><td> ResourceUUID
</td></tr>");
    for (ContentResource c: crs) {
        out.write("<tr>");
        out.write("<td>" + c.getResourceId() + "</td><td>" + c.getResourceType() + "</td><td>"
+ c.getResourceName() + "</td><td>" + c.getResourceUUID() + "</td>");
        out.write("</tr>");
    }
} else {
    out.write("Failure");
    out.write(" Code: " + rs.getErrorCode());
}
%>

```

web[TESTIMPORTCONTENT](#)TESTIMPORTCONTENT

Yellowfinweb

Yellowfin

webCSV

|          |         |                                                       |
|----------|---------|-------------------------------------------------------|
|          |         |                                                       |
| LoginId  | String  | Yellowfin WebIDIDID<br>Yellowfin <b>Yellowfin Web</b> |
| Password | String  |                                                       |
| OrgId    | Integer | YellowfinID1                                          |
| Function | String  | WebEXPORTTRANSLATIONALL                               |

SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>EXPORTTRANSLATIONALL</function>
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

|             |        |                                                                                |
|-------------|--------|--------------------------------------------------------------------------------|
|             |        |                                                                                |
| StatusCode  | String | Web <ul style="list-style-type: none"> <li>SUCCESS</li> <li>FAILURE</li> </ul> |
| ContentType | String |                                                                                |
| FileName    | String |                                                                                |
| BinaryData  | String | Base64String                                                                   |

## SAOP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <binaryData>77u/VVVJRCxUZXh0IFR5cGUsS2V5LE9yaWdpbmFsIFRleHQs ... </binaryData>
        <contentType>text/comma-separated-values</contentType>
        <errorCode>0</errorCode>
        <fileName>Translations - 10 Mar 2018.csv</fileName>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Web Service Request Complete</messages>
        <sessionId>4a19aa468b23ab18d3aee5c7121bcacd</sessionId>
        <statusCode>SUCCESS</statusCode>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>
```

## Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("EXPORTTRANSLATIONALL");
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCodeBinaryDataFileNameContentType

## web

1. **ws\_exporttranlationall.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_exporttranlationall.jsp**

```

<%
/*      ws_exporttranslationall.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.io.PrintWriter" %>
<%
AdministrationServiceService s_adm = new AdministrationServiceServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_adm.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");      // provide your Yellowfin web services admin account
rsr.setPassword("test");      // set to the password of the above account
rsr.setOrgId(1);
rsr.setFunction("EXPORTTRANSLATIONALL");

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);

    if ("SUCCESS".equals(rs.getStatusCode()) ) {
        out.write("<br>Success");

        //response.setBinaryData(Base64.encodeBytes(pdf.getData()));

        String Base64encoded = rs.getBinaryData();
        Base64encoded = Base64encoded.replace("\n", "").replace("\r", "");

        byte[] bytes = Base64encoded.getBytes();
        byte[] decoded = java.util.Base64.getDecoder().decode(bytes);

        String text = new String(decoded, "UTF-8");
        PrintWriter writer = new PrintWriter("/Applications/Yellowfin 7.4/" + rs.getFileName(),
"UTF-8");

        writer.println(text);
        writer.close();
    }
    else {
        out.write("<br>Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

#### YellowfinCSV

|            |          |                                                       |
|------------|----------|-------------------------------------------------------|
|            |          |                                                       |
| LoginId    | String   | Yellowfin WebIDIDID<br>Yellowfin <b>Yellowfin Web</b> |
| Password   | String   |                                                       |
| OrgId      | Integer  | YellowfinID1                                          |
| Function   | String   | Web <b>IMPORTTRANSLATION</b>                          |
| BinaryData | String[] | CSV                                                   |

## SOAP XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteAdministrationCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <function>IMPORTTRANSLATION</function>
        <binaryData>-17</binaryData>
        <binaryData>-69</binaryData>
        <binaryData>-65</binaryData>
        <binaryData>85</binaryData>
        <binaryData>85</binaryData>
        ...
      </arg0>
    </web:remoteAdministrationCall>
  </soapenv:Body>
</soapenv:Envelope>
```

| StatusCode | String | Web                                                                         |
|------------|--------|-----------------------------------------------------------------------------|
|            |        | <ul style="list-style-type: none"><li>• SUCCESS</li><li>• FAILURE</li></ul> |

## SAOP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteAdministrationCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <errorCode>0</errorCode>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Web Service Request Complete</messages>
        <sessionId>11c466874bfbcdb80f5d250c97ffbd03</sessionId>
        <statusCode>SUCCESS</statusCode>
      </return>
    </ns2:remoteAdministrationCallResponse>
  </S:Body>
</S:Envelope>
```

## Java

- web

```
rsr.setLoginId("admin@yellowfin.com.au");
rsr.setPassword("test");
rsr.setOrgId(1);
rsr.setFunction("IMPORTTRANSLATION");
```

- CSV

```
Path path = Paths.get("/Applications/Yellowfin 7.4/Translations - 8 Mar 2018.csv"); // existing file
byte[] data = Files.readAllBytes(path);

rsr.setBinaryData(data);
```

- 

```
AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
```

web

- StatusCode

web

1. **ws\_importtranlation.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_importtranlation.jsp**

```

<%
/*      ws_importtranslation.jsp      */
%>
<%@ page language="java" contentType="text/html; charset=UTF-8" %>
<%@ page import="com.hof.util.*, java.util.*, java.text.*" %>
<%@ page import="com.hof.web.form.*" %>
<%@ page import="com.hof.mi.web.service.*" %>
<%@ page import="java.nio.file.Files" %>
<%@ page import="java.nio.file.Paths" %>
<%@ page import="java.nio.file.Path" %>
<%

AdministrationServiceService s_adm = new AdministrationServiceServiceLocator("localhost",8080, "/services
/AdministrationService", false);      // adjust host and port number
AdministrationServiceSoapBindingStub adminService = (AdministrationServiceSoapBindingStub) s_adm.
getAdministrationService();
AdministrationServiceRequest rsr = new AdministrationServiceRequest();

rsr.setLoginId("admin@yellowfin.com.au");      // provide your Yellowfin webservices admin account
rsr.setPassword("test");      // set the password of the account above
rsr.setOrgId(1);
rsr.setFunction("IMPORTTRANSLATION");

Path path = Paths.get("/Applications/Yellowfin 7.4/Translations - 8 Mar 2018.csv");      // existing file

byte[] data = Files.readAllBytes(path);

rsr.setBinaryData(data);

AdministrationServiceResponse rs = adminService.remoteAdministrationCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode()) ) {
        out.write("<br>Success");
    }
    else {
        out.write("<br>Failure");
        out.write(" Code: " + rs.getErrorCode());
    }

%>

```