

webHTMLPDFXLSDOCPRINT

HTMLHTMLHTMLBase64BinaryDataChartURLBase64HTMLURL

HTMLweb3HTML

- HTMLHTML
- HTMLCHARTONLYHTML
- HTMLTABLEONLYHTML

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	webHTMLHTMLCHARTONLYHTMLTABLEONLY
ReportId	Integer	HTMLID
ReportUserId	String	ID

SOAP

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>HTML</reportRequest>
        <reportId>58511</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>
```

Chart	<a href="#">ReportChart[]</a>	HTMLReportChart	getCharts()

ReportBinaryObject	<a href="#">ReportBinaryObject[]</a>	BLOBCLOBReportBinaryObject	getBinaryObjects()
ReportStyles	String	CSS	getReportStyles()
Breadcrumbs	Breadcrumb[]	Breadcrumb	getBreadcrumbs()
SeriesSelection	SeriesSelection[]	SeriesSelection	getSeriesSelections()
TimeAggregationSelection	TimeAggregationSelection[]	TimeAggregationSelection	getTimeAggregationSelection()
ReportTabSelection	ReportTabSelection[]	ReportTabSelection	getReportTabSelection()
ReportPageSelection	ReportPageSelection[]	ReportPageSelection	getReportPageSelection()
TimeSliderSelection	TimeSliderSelection[]	TimeSliderSelection	getTimeSliderSelection()
SortableColumns	SortableTableColumn[]	SortableTableColumn	getSortableColumns()
SelectedSortColumn	Integer		getSelectedSortColumn()
SelectedSortOrder	Integer	01	getSelectedSortOrder()
DrillCode	String		getDrillCode()
RelatedReports	RelatedReport[]	RelatedReport	getRelatedReports()
BinaryData	String	Base64HTML	getBinaryData()
Private			getPrivate()
ContentType	String	MIME ContentType <b>text / html</b>	getContentType()
CanDrill	Boolean		getCanDrill()
GoogleMaps	GMap	GMap	getGoogleMaps()

## SOAP

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>PHN0eWxlIHR5cGU9InRleHQvY3NzIj4KLm1lbHRpV2lkZ2V0Q2FudmFzRWRpdG9yIH ... </binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <charts>
          <contentType>image/gif</contentType>
          <data>R0lGODlhBwAEAIABAP////////yH5BAEAAAEALAAAAAAHAAQAAAIhA+BGWoNWSgaOw== ... </data>
          <filename>FS_images_rpt_dd_active_down_gif</filename>
          <reportIndex>FS_images_rpt_dd_active_down_gif</reportIndex>
        </charts>
        <charts>
          <contentType>image/gif</contentType>
          <data>R0lGODlhBwAEAIABABo/V////////yH5BAEAAAEALAAAAA ... </data>
          <filename>FS_images_rpt_dd_menu_on_gif</filename>
          <reportIndex>FS_images_rpt_dd_menu_on_gif</reportIndex>
        </charts>
        <charts>
          <contentType>image/png</contentType>
          <data>iVBORw0KGgoAAAANSUHEUgAAAYAAAAJYCAyAAACadoJ ... </data>
          <filename>img0-58511-58512-0</filename>
          <reportIndex>img0-58511-58512-0</reportIndex>
        </charts>
        <contentType>text/html</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <drillCode>NODRILL</drillCode>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>8</hitCount>
        <lastModifiedDate>2016-04-13</lastModifiedDate>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>
```

```

        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 58511 Successfully</messages>
        <messages>Generating HTML Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <private>false</private>
        <relatedReports/>
        <reportDescription/>
        <reportId>58511</reportId>
        <reportName>Role Population</reportName>
        <reportStyle>td.rpthdrcol {
    position: relative;
}
img.rptcolmenu {
    position: absolute;
    right: 5px;
    top: 0;
    bottom: 0;
    margin: auto 0;
    cursor: pointer;
}
td.rpthdrcol div.rptdata {
    padding-right: 20px;
}
td.reportChartCell {
    vertical-align: top;
}
div.reportChart {
    position: relative;
    display: inline-block;
}
img.reportChart {
    position: absolute;
    left: 0;
    top: 0;
}
.
.
.
</reportStyle>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>00c65743-15f8-4f93-ace1-e3d4d2b956eb</reportUUID>
        <reportUsage>14</reportUsage>
        <selectedSortColumn>-1</selectedSortColumn>
        <selectedSortOrder>0</selectedSortOrder>
        <sessionId>c4ae62bf45978bf6910c1f4c81c478b0</sessionId>
        <sortableColumns/>
        <sortableColumns/>
        <statusCode>SUCCESS</statusCode>
        <subCategory>User Access</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
        </return>
    </ns2:remoteReportCallResponse>
</S:Body>
</S:Envelope>

```

Java

- web

```
ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("HTML");
```

- 

```
rsr.setOrgRef("org1");           // search for the report in this client org
```

- HTML

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- 

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

```

/*          ws_htmlreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    ReportService rsc = new ReportService();    //("localhost", 8080, "admin@yellowfin.com.au", "test", "
/services/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("HTML");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode())) {

        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

## XLSXLSXExcel

LoginId	String	Yellowfin WebIDIDID YellowfinYellowfin Web
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	webXLSXXLS
ReportId	Integer	XLSX/XLSID
ReportUserId	String	ID

## SOAP

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.
mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>XLSX</reportRequest>
        <reportId>56401</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

StatusCode	String	web <ul style="list-style-type: none"> <li>SUCCESS</li> <li>FAILURE</li> </ul>
ReportId	Integer	ID
ReportName	String	
HitCount	Integer	
FormatCode	String	
BinaryData	String	Base64XLSXXLS
ContentType	String	MIMEapplication/vnd.openxmlformats-officedocument.spreadsheetml.sheet

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>UESDBBQACAgIAJUKa0wAAAAAAAAAAAAAAAAALAAAX3JlbHMvLnJlb ...</binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <contentType>application/vnd.openxmlformats-officedocument.spreadsheetml.sheet</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>25</hitCount>
        <lastModifiedDate>2016-03-29</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 56401 Successfully</messages>
        <messages>Generating XLS Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Active Session Start</span>
Is Not Null
<span class="rptFilterLogicIdentifier"></span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription/>
        <reportId>56401</reportId>
        <reportName>Active Sessions</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>594d4da4-1b58-44d3-bf4f-11456a42f68c</reportUUID>
        <reportUsage>26</reportUsage>
        <sessionId>18097e8275689f88876f004a07935a7c</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Admin Reports</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

## Java

- web

```

ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("XLSX");

```

-

```
rsr.setOrgRef("org1");          // search for the report in this client org
```

- XLSX

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- StatusCodeReportIDBinaryData

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



```

/*          ws_xlsxreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    /*
    Create Group
    Using Java generated stubs rather than using the Yellowfin webservies API..
    */

    ReportService rsc = new ReportService();    //("localhost", 8080, "admin@yellowfin.com.au", "test", "/services
    /ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("XLSX");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode())) {
        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
        ("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

DOCDOCXMicrosoft Word

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>DOCXDOC</b>
ReportId	Integer	DOCX/DOCID
ReportUserId	String	ID

SOAP

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>DOCX</reportRequest>
        <reportId>56401</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>
```

StatusCode	String	web <ul style="list-style-type: none"><li>SUCCESS</li><li>FAILURE</li></ul>
ReportId	Integer	ID
ReportName	String	
HitCount	Integer	
FormatCode	String	
BinaryData	String	Base64DOCXDOC
ContentType	String	MIMEapplication/vnd.openxmlformats-officedocument.wordprocessingml.document

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>UESDBBQACAgIAN0Ma0wAAAAAAAAAAAAAAAAATAAAW0 ...</binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <contentType>application/vnd.openxmlformats-officedocument.wordprocessingml.document</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>26</hitCount>
        <lastModifiedDate>2016-03-29</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 56401 Successfully</messages>
        <messages>Generating DOCX Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Active Session Start</span>
Is Not Null
<span class="rptFilterLogicIdentifier"></span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription/>
        <reportId>56401</reportId>
        <reportName>Active Sessions</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>594d4da4-1b58-44d3-bf4f-11456a42f68c</reportUUID>
        <reportUsage>27</reportUsage>
        <sessionId>9b4a5e7182d359795d176d56378ac0f2</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Admin Reports</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

## Java

- web

```

ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("DOCX");

```

-

```
rsr.setOrgRef("org1");          // search for the report in this client org
```

- DOCX

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- StatusCodeReportIDBinaryData

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

```

/*          ws_docxreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%

ReportService rsc = new ReportService();    //("localhost", 8080, "admin@yellowfin.com.au", "test", "/services
/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("DOCX");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode())) {
        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

PDFPDF

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>PDF</b>
ReportId	Integer	PDFID
ReportUserId	String	ID

SOAP

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>PDF</reportRequest>
        <reportId>56401</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

ReportId	Integer	ID	getReportId()
ReportName	String		getReportName()
HitCount	Integer		getHitCount()
FormatCode	String		getFormatCode()
BinaryData	String	Base64PDF	getBinaryData()
ContentType	String	MIMEapplication/pdf	getContentType()

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>JVBERi0xLjQKJeLjz9MKNCawIG9iago8PC9GaWw0ZXIvRmxdGVEZWNVzGUvTGvUz3RoIDI4OT4+c3RyZWFTcnic7VNNSwMxEI1 . . .</binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <contentType>application/pdf</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>25</hitCount>
        <lastModifiedDate>2018-07-02</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 56401 Successfully</messages>
        <messages>Generating PDF Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Active Session Start</span>
Is Not Null
<span class="rptFilterLogicIdentifier"></span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription/>
        <reportId>56401</reportId>
        <reportName>Active Sessions</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>594d4da4-1b58-44d3-bf4f-11456a42f68c</reportUUID>
        <reportUsage>100</reportUsage>
        <sessionId>bb2175f6da398640f670ff666c40fcfa</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Admin Reports</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

## Java

- web

```

ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("PDF");

```

-

```
rsr.setOrgRef("org1");      // search for the report in this client org
```

- PDF

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- 

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



```

/*          ws_pdfreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    ReportService rsc = new ReportService();          //("localhost", 8080, "admin@yellowfin.com.au", "test", "
/services/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();

    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("PDF");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");

    ReportServiceResponse rs=rsc.remoteReportCall(rsr);

    if ("SUCCESS".equals(rs.getStatusCode())) {

        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

## CSV

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>CSV</b>
ReportId	Integer	CSVID
ReportUserId	String	ID

## SOAP

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>CSV</reportRequest>
        <reportId>56401</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

ReportId	Integer	ID	getReportId()
ReportName	String		getReportName()
HitCount	Integer		getHitCount()
FormatCode	String		getFormatCode()
BinaryData	String	Base64CSV	getBinaryData()
ContentType	String	<b>MIMEtext/comma-separated-values</b>	getContentType()

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>Tm8gcmVzdWx0cyByZXRlcm5lZC4K</binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <contentType>text/comma-separated-values</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>26</hitCount>
        <lastModifiedDate>2018-07-02</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 56401 Successfully</messages>
        <messages>Generating CSV Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Active Session Start</span>
Is Not Null
<span class="rptFilterLogicIdentifier"></span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription/>
        <reportId>56401</reportId>
        <reportName>Active Sessions</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>594d4da4-1b58-44d3-bf4f-11456a42f68c</reportUUID>
        <reportUsage>100</reportUsage>
        <sessionId>6f95db60d17d24138a5faf23190f5a6e</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Admin Reports</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

## Java

- web

```

ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("CSV");

```

-

```
rsr.setOrgRef("org1");          // search for the report in this client org
```

- CSV

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- 

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

```

/*          ws_csvreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    ReportService rsc = new ReportService();          //("localhost", 8080, "admin@yellowfin.com.au", "test", "
/services/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("CSV");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode())) {

        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

LoginId	String	Yellowfin WebIDIDID YellowfinYellowfin Web
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	webTEXT
ReportId	Integer	TEXTID
ReportUserId	String	ID

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.
mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>TEXT</reportRequest>
        <reportId>60712</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

ReportId	Integer	ID	getReportId()
ReportName	String		getReportName()
HitCount	Integer		getHitCount()
FormatCode	String		getFormatCode()
BinaryData	String	Base64TEXT	getBinaryData()
ContentType	String	MIMEtext/tab-separated-values	getContentType()

SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>Tm90IGZvcjBSZS1TYWxliExpY2VuY2UsLCwKVg9wIE4sQ29tcGFueSBOYW11LERlbW9ncmFwaGlj
LFN1bSBJbnZvaWNlZCAoUHJlZiBddXJyZW5jeSkKilRvcCBOIEFnZW5jaWVzICIsQmFyZ2FpbiBU
cmlwcyxBZHlbnRlcmUsIiQxMCw4NTYiCiJUb3AgTiBBZ2VuY2llcyAiLEJhcmdhaW4gVHJpcHMs
RmFtaWx5LCIkMjk1LDgyNyIKilRvcCBOIEFnZW5jaWVzICIsQmFyZ2FpbiBUcmlwcyxMdXhlcns
IiQxLDAzMiwNTYiCiJUb3AgTiBBZ2VuY2llcyAiLEJhcmdhaW4gVHJpcHMsUmVsYXhhdGlviwi
JDgwLDY2MCIKilRvcCBOIEFnZW5jaWV . . .</binaryData>
        <canDrill>false</canDrill>
        <category>Tutorial</category>
        <contentType>text/tab-separated-values</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Ski Team</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>5</hitCount>
        <lastModifiedDate>2017-06-26</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 60712 Successfully</messages>
        <messages>Generating TEXT Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>AGENCYNAME (FilterId: 60723 ) Requires User Prompt</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Company Name</span>
In List
<span class="rptFilterLogicIdentifier">[User Prompt]</span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription>Top N Agencies compared to all other Agencies by demographic</reportDescription>
        <reportId>60712</reportId>
        <reportName>Agency Benchmark</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>c83357db-8aef-4ec7-ab72-fce34de9ee77</reportUUID>
        <reportUsage>0</reportUsage>
        <sessionId>0b549fblc8361edb2b83dee81227e460</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Marketing & Booking</subCategory>
        <tags>No tags</tags>
        <viewName>New View</viewName>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

Java

- web

```
ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("TEXT");
```

- 

```
rsr.setOrgRef("org1");           // search for the report in this client org
```

- TEXT

```
rsr.setReportId(60712);
```

- 

```
ReportServiceResponse rs=rsc.remoteReportCall(rsr);
```

web

- 

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



```

/*          ws_textreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    ReportService rsc = new ReportService();          //("localhost", 8080, "admin@yellowfin.com.au", "test", "
/services/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("TEXT");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);
    if ("SUCCESS".equals(rs.getStatusCode())) {

        JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
        Marshaller m = context.createMarshaller();
        m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
        JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
        m.marshal(rootElement,out);
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```

web

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>PRINT</b>
ReportId	Integer	ID
ReportUserId	String	ID

SOAP

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:web="http://webservices.web.mi.hof.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:remoteReportCall>
      <arg0>
        <loginId>admin@yellowfin.com.au</loginId>
        <password>test</password>
        <orgId>1</orgId>
        <reportRequest>PRINT</reportRequest>
        <reportId>56401</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

Chart	<a href="#">ReportChart[]</a>	HTMLReportChart	getCharts()
ReportBinaryObject	<a href="#">ReportBinaryObject[]</a>	BLOBCLOBReportBinaryObject	getBinaryObjects()
ReportStyles	String	CSS	getReportStyles()
Breadcrumbs	Breadcrumb[]	Breadcrumb	getBreadcrumbs()
SeriesSelection	SeriesSelection[]	SeriesSelection	getSeriesSelections()
TimeAggregationSelection	TimeAggregationSelection[]	TimeAggregationSelection	getTimeAggregationSelection()
ReportTabSelection	ReportTabSelection[]	ReportTabSelection	getReportTabSelection()
ReportPageSelection	ReportPageSelection[]	ReportPageSelection	getReportPageSelection()
TimeSliderSelection	TimeSliderSelection[]	TimeSliderSelection	getTimeSliderSelection()
SortableColumns	SortableTableColumn[]	SortableTableColumn	getSortableColumns()
SelectedSortColumn	Integer		getSelectedSortColumn()
SelectedSortOrder	Integer	01	getSelectedSortOrder()
DrillCode	String		getDrillCode()
RelatedReports	RelatedReport[]	RelatedReport	getRelatedReports()
BinaryData	String	Base64HTML	getBinaryData()
Private			getPrivate()
ContentType	String	MIME ContentType <b>text / html</b>	getContentType()
CanDrill	Boolean		getCanDrill()
GoogleMaps	GMap	GMap	getGoogleMaps()

## SOAP

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <binaryData>PHN0eWxlIHR5cGU9InRleHQvY3NzIj4KLm1lbHRpV2lkZ2V0Q2FudmFzRWRpdG9yIHsKCXBvc2l0aW9uOiByZWxhdG12ZTsKfQoKLm1lbHRp . . .</binaryData>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>

```

```

        <contentType>text/html</contentType>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <drillCode>NODRILL</drillCode>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>30</hitCount>
        <lastModifiedDate>2018-07-02</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 56401 Successfully</messages>
        <messages>Generating HTML Report</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Active Session Start</span>
Is Not Null
<span class="rptFilterLogicIdentifier"></span>
</div>]]></preRunFilterString>
        <private>false</private>
        <relatedReports/>
        <reportDescription/>
        <reportId>56401</reportId>
        <reportName>Active Sessions</reportName>
        <reportStyle>td.rpthdrcol {
            position: relative;
        }
img.rptcolmenu {
    position: absolute;
    right: 5px;
    top: 0;
    bottom: 0;
    margin: auto 0;
    cursor: pointer;
}
td.rpthdrcol div.rptdata {
    padding-right: 20px;
}
td.reportChartCell {
    vertical-align: top;
}
div.reportChart {
    position: relative;
    display: inline-block;
}
img.reportChart {
    position: absolute;
    left: 0;
    top: 0;
}
.
.
.
table.rpt56401sectionsummary {
    margin-bottom: 20px;
}
.printpagebreak {
    PAGE-BREAK-BEFORE: always;
}</reportStyle>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>594d4da4-1b58-44d3-bf4f-11456a42f68c</reportUUID>
        <reportUsage>100</reportUsage>
        <selectedSortColumn>-1</selectedSortColumn>
        <selectedSortOrder>0</selectedSortOrder>
        <sessionId>7fc9ad31786cfd1ca10605c301551534</sessionId>
        <sortableColumns/>
        <sortableColumns/>
        <sortableColumns/>

```

```

        <statusCode>SUCCESS</statusCode>
        <subCategory>Admin Reports</subCategory>
        <tags>No tags</tags>
        <viewName>NEW VIEW</viewName>
    </return>
</ns2:remoteReportCallResponse>
</S:Body>
</S:Envelope>

```

## Java

- web

```

ReportServiceRequest rsr = new ReportServiceRequest();

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

rsr.setReportRequest("PRINT");

```

- 

```

rsr.setOrgRef("org1");      // search for the report in this client org

```

- 

```

rsr.setReportId(60712);

```

- 

```

ReportServiceResponse rs=rsc.remoteReportCall(rsr);

```

web

- 

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

```

/*          ws_printreport.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="javax.xml.bind.JAXBContext" %>
<%@ page import="javax.xml.bind.Marshaller" %>
<%@ page import="java.io.StringWriter" %>
<%@ page import="javax.xml.bind.JAXBElement" %>
<%@ page import="javax.xml.namespace.QName" %>
<%
    ReportService rsc = new ReportService();    //("localhost", 8080, "admin@yellowfin.com.au", "test", "
/services/ReportService");
    ReportServiceRequest rsr = new ReportServiceRequest();
    rsr.setLoginId("admin@yellowfin.com.au");
    rsr.setPassword("test");
    rsr.setOrgId(new Integer(1));
    rsr.setReportRequest("PRINT");
    rsr.setReportId(60712);
    ReportServiceResponse rs=rsc.remoteReportCall(rsr);

    if ("SUCCESS".equals(rs.getStatusCode())) {

        %> <xmp> <%
            JAXBContext context = JAXBContext.newInstance(ReportServiceResponse.class);
            Marshaller m = context.createMarshaller();
            m.setProperty(Marshaller.JAXB_FORMATTED_OUTPUT, Boolean.TRUE); // To format XML
            JAXBElement<ReportServiceResponse> rootElement = new JAXBElement<ReportServiceResponse>(new QName
("ReportServiceResponse"), ReportServiceResponse.class, rs);
            m.marshal(rootElement,out);
            %></xmp><%
        //out.write("Success");
    } else {
        out.write("Failure");
        out.write(" Code: " + rs.getErrorCode());
    }
%>

```