

web

web

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>TEST</b>
OrgRef	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>TEST</reportRequest>
      </arg0>
    </web:remoteReportCall>
  </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:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <canDrill>false</canDrill>
        <dashboardEnabled>false</dashboardEnabled>
        <errorCode>0</errorCode>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Connection Tested Successfully</messages>
        <messages>Unknown Or Unsupported Request: TEST</messages>
        <messages>Web Service Request Complete</messages>
        <private>false</private>
        <sessionId>f78fe29edb19bbfe45626c2203249f4b</sessionId>
        <statusCode>SUCCESS</statusCode>
      </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("TEST");
```

- 

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

- 

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

web

- StatusCode

1. **ws\_test\_reportservices.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.

#### 4. http://<host>:<port>/ws\_test\_reportservices.jsp

```
<%
/*          ws_test_reportservices.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("TEST");
    rsr.setOrgRef("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>INFO</b>
OrgRef	String	ID
ReportId	Integer	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>INFO</reportRequest>
        <reportId>60712</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

StatusCode	String	Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul>
ReportName	String	
ReportDescription	String	
ReportUUID	Integer	IDUUID
HitCount	Integer	
FormatCode	String	
AverageRunTime	Integer	
Category	String	
SubCategory	String	
ReportUsage	Integer	
ViewName	String	
Datasource	String	
Author	String	
AuthoringMode	String	
ReportTemplate	String	
DataOutput	String	
DashboardEnabled	Boolean	True
LastModifiedDate	Date	

## 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>
  <canDrill>false</canDrill>
  <category>Tutorial</category>
  <dashboardEnabled>true</dashboardEnabled>
  <dataOutput>COLUMN</dataOutput>
  <datasource>Ski Team</datasource>
  <errorCode>0</errorCode>
  <formatCode>REPORTANDCHART</formatCode>
  <hitCount>0</hitCount>
  <lastModifiedDate>2017-06-26</lastModifiedDate>
  <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
  <messages>Loaded Report: 60712 Successfully</messages>
  <messages>Collating Report Information</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>900e9dfabd21bdef75410fa88fe501dd</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("INFO");

```

- 

```

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

```

- 

```

rsr.setReportId(60712);

```

- IDID

```
rsr.setReportClientReferenceId("1");
rsr.setSessionId("18607a5670842650d512976b5d7ccddd");
```

- 

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

web

- StatusCode

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

```
<%
/*          ws_info_report.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("INFO");

    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setReportClientReferenceId("1");
    rsr.setSessionId("18607a5670842650d512976b5d7ccddd");

    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());
```

```
}  
%>
```

webIDweb

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>SCHEMA</b>
OrgRef	String	ID
ReportId	Integer	IDIDIDGETIDFROMUUID
ObjectName	String	webID

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>SCHEMA</reportRequest>  
        <reportId>60712</reportId>  
      </arg0>  
    </web:remoteReportCall>  
  </soapenv:Body>  
</soapenv:Envelope>
```

StatusCode	String	Web <ul style="list-style-type: none"><li>• SUCCESS</li><li>• FAILURE</li></ul>
Columns	<a href="#">ReportSchema[]</a>	ReportSchema
Author	String	
AuthoringMode	String	
AverageRunTime	Integer	

CanDrill	Boolean	
Category	String	
SubCategory	String	
DashboardEnabled	Boolean	
DataOutput	String	<ul style="list-style-type: none"> <li>• COLUMN</li> <li>• ROW</li> <li>• PIVOT</li> </ul>
Datasource	String	
DrillCode	String	<ul style="list-style-type: none"> <li>• DRILLDOWN</li> <li>• DRILLTHROUGH</li> <li>• DRILLANYWHERE</li> </ul>
FormatCode	String	<ul style="list-style-type: none"> <li>• REPORTANDCHART</li> <li>• CHART</li> <li>• REPORT</li> </ul>
HitCount	Integer	
LastModifiedDate	String	
LastRunDuration	Integer	
PreRunFilterString	String	
Private	Boolean	
ReportDescription	String	
ReportId	Integer	ID
ReportName	String	
ReportTemplate	String	<ul style="list-style-type: none"> <li>• REPORTANDCHART</li> <li>• CHART</li> <li>• REPORT</li> </ul>
ReportUUID	String	UUID
ReportUsage	Integer	
ViewName	String	
Tags	String	
ErrorCode	Integer	web
Messages	String[]	

#### ReportSchema

ColumnName	String	
DisplayName	String	
ColumnLength	String	
FieldId	Integer	ID
DataType	String	



SortOrder	Integer	
Hidden	Boolean	
NumberOfDecimals	Integer	
OutputLocation	String	
AllowPrompt	Boolean	
CachedValues	Boolean	
FilterDisplayType	String	
FilterId	String	ID
FilterOmittable	Boolean	
FilterType	String	
DefaultValue1	String	
DefaultValue2	String	
FilterTypeCode	String	
FilterUUID	String	UUID
MinimumValue	BigDecimal	
MaximumValue	BigDecimal	
ParentFilterId	Integer	ID
Prompt	Boolean	
ValueUnitCode	String	

## 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>
        <canDrill>false</canDrill>
        <category>Tutorial</category>
        <columns>
          <columnName>Region</columnName>
          <dataType>TEXT</dataType>
          <displayName>Athlete Region</displayName>
          <fieldId>1</fieldId>
          <hidden>false</hidden>
          <numberOfDecimals>0</numberOfDecimals>
          <outputLocation>COLUMN</outputLocation>
          <prompt>false</prompt>
          <sortOrder>0</sortOrder>
        </columns>
        <columns>
          <allowPrompt>false</allowPrompt>
          <cachedValues>true</cachedValues>
          <columnName>Region</columnName>
          <dataType>TEXT</dataType>
          <displayName>Athlete Region</displayName>
          <filterDisplayType>DROPDOWN</filterDisplayType>
          <filterId>74908</filterId>
          <filterOmittable>true</filterOmittable>
          <filterType>INLIST</filterType>
          <filterTypeCode>FILTER</filterTypeCode>
          <filterUUID>d4ea61ab-247e-403a-b51b-8243aeea63db</filterUUID>
          <numberOfDecimals>0</numberOfDecimals>
        </columns>
      </return>
    </ns2:remoteReportCallResponse>
  </S:Body>
</S:Envelope>
```

```

        <prompt>true</prompt>
        <sortOrder>0</sortOrder>
    </columns>
    <dashboardEnabled>true</dashboardEnabled>
    <dataOutput>COLUMN</dataOutput>
    <datasource>Ski Team !!!</datasource>
    <drillCode>DRILLDOWN</drillCode>
    <errorCode>0</errorCode>
    <formatCode>REPORTANDCHART</formatCode>
    <hitCount>3</hitCount>
    <lastModifiedDate>2018-06-07</lastModifiedDate>
    <lastRunDuration>0</lastRunDuration>
    <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
    <messages>Loaded Report: 74907 Successfully</messages>
    <messages>Collating Schema Information</messages>
    <messages>Web Service Request Complete</messages>
    <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Athlete Region</span>
In List
<span class="rptFilterLogicIdentifier">[User Prompt]</span>
</div>]]></preRunFilterString>
        <private>false</private>
        <reportDescription>Ski Team, 8/6/2018 9:36 AM</reportDescription>
        <reportId>74907</reportId>
        <reportName>cached filters</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>982500e8-7b33-476b-be47-6alaab611349</reportUUID>
        <reportUsage>100</reportUsage>
        <sessionId>7e9971ea99fff609387ac1c504abcc63</sessionId>
        <statusCode>SUCCESS</statusCode>
        <subCategory>Training</subCategory>
        <tags>No tags</tags>
        <viewName>Ski Team</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("SCHEMA");

```

- 

```

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

```

- 

```

rsr.setReportId(70045);

```

- 

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

web

- StatusCode

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

```
<%
/*          ws_reportschema.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.*" %>
<%
    ReportServiceResponse rs = null;
    ReportServiceRequest rsr = new ReportServiceRequest();
    ReportServiceService ts = new ReportServiceServiceLocator("localhost", 8080, "/services/ReportService",
false);
    ReportServiceSoapBindingStub rssbs = (ReportServiceSoapBindingStub) ts.getReportService();

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

    rsr.setReportId(70045);

    rs = rssbs.remoteReportCall(rsr);

    if ("SUCCESS".equals(rs.getStatusCode())) {
        out.write("Success <br>");
                ReportSchema[] schema = rs.getColumns();
                for (ReportSchema s: schema)
                    //display filters:
                    if (s.getFilterType() != null && s.getFilterTypeCode().
equals("FILTER")){
                                out.write("<br>Display Name: " + s.
getDisplayName());
                                out.write("<br>Filter UUID: " + s.
getFilterUUID());
                                out.write("<br>Filter Id: " + s.
getFilterId());
                                }
                    } else {
        out.write(rs.getStatusCode());
        out.write(rs.toString());
    }
%>
```

web

web

LoginId	String	Yellowfin WebIDIDID Yellowfin <b>Yellowfin Web</b>
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>FILTEROPTIONS</b>
OrgRef	String	ID
ReportClientReferenceId	String	
ReportId	Integer	IDIDIDGETIDFROMUUID
ObjectName	String	IDSCHEMAID

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>FILTEROPTIONS</reportRequest>
        <reportId>70066</reportId>
        <objectName>70081</objectName>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>
```

StatusCode	String	Web <ul style="list-style-type: none"> <li>SUCCESS</li> <li>FAILURE</li> </ul>
Results	<a href="#">ReportRow[]</a>	
Author	String	
AuthoringMode	String	
AverageRunTime	Integer	
CanDrill	Boolean	
Category	String	

SubCategory	String	
DashboardEnabled	Boolean	
DataOutput	String	<ul style="list-style-type: none"><li>• COLUMN</li><li>• ROW</li><li>• PIVOT</li></ul>
Datasource	String	
FormatCode	String	<ul style="list-style-type: none"><li>• REPORTANDCHART</li><li>• CHART</li><li>• REPORT</li></ul>
HitCount	Integer	
LastModifiedDate	String	
LastRunDuration	Integer	
PreRunFilterString	String	
Private	Boolean	
ReportDescription	String	
ReportId	Integer	ID
ReportName	String	
ReportTemplate	String	<ul style="list-style-type: none"><li>• REPORTANDCHART</li><li>• CHART</li><li>• REPORT</li></ul>
ReportUUID	String	UUID
ReportUsage	Integer	
ViewName	String	
Tags	String	
ErrorCode	Integer	web
Messages	String[]	

ReportRow

DataValue	String[]	

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>
        <canDrill>false</canDrill>
        <category>Tutorial</category>
        <dashboardEnabled>true</dashboardEnabled>
```

```

<dataOutput>COLUMN</dataOutput>
<datasource>Ski Team</datasource>
<errorCode>0</errorCode>
<formatCode>REPORTANDCHART</formatCode>
<hitCount>2</hitCount>
<lastModifiedDate>2018-06-18</lastModifiedDate>
<lastRunDuration>0</lastRunDuration>
<messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
<messages>Loaded Report: 70080 Successfully</messages>
<messages>Retrieving Options</messages>
<messages>Request Contains No ReportFilter Records.</messages>
<messages>Region (FilterId: 70082 ) Requires User Prompt</messages>
<messages>Ignoring Prompt Filter On Field: 70082</messages>
<messages>DEMOGRAPHIC (FilterId: 70081 ) Requires User Prompt</messages>
<messages>Web Service Request Complete</messages>
<preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Athlete Region</span>
In List
<span class="rptFilterLogicIdentifier">[User Prompt]</span>
</div>
<div class="rptFilterLogicText">
AND
<span class="rptFilterLogicIdentifier">Demographic</span>
In List
<span class="rptFilterLogicIdentifier">(Adventure, Relaxation, Family, Culture)</span>
</div>]]></preRunFilterString>
<private>false</private>
<reportDescription>Ski Team, 18/6/2018 2:49 PM</reportDescription>
<reportId>70066</reportId>
<reportName>qwerty</reportName>
<reportTemplate>REPORTANDCHART</reportTemplate>
<reportUUID>c105ab26-9744-434d-9c8c-9fb9e48d80c0</reportUUID>
<reportUsage>100</reportUsage>
<results>
<dataValue>Asia</dataValue>
<dataValue>Asia</dataValue>
</results>
<sessionId>eb31d9392a25c8c40995237650837cd5</sessionId>
<statusCode>SUCCESS</statusCode>
<subCategory>Training</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("FILTEROPTIONS");

```

- 

```

rsr.setReportId(70066);

```

- ObjectNameID

```
rsr.setObjectName("70081");
```

- 

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

web

- StatusCode

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

```
<%
/*          ws_filteroptions.jsp          */
%>
<%
    ReportServiceResponse rs = null;
    ReportServiceRequest rsr = new ReportServiceRequest();
    ReportServiceService ts = new ReportServiceServiceLocator("localhost", 8080, "/services/ReportService",
false);
    ReportServiceSoapBindingStub rssbs = (ReportServiceSoapBindingStub) ts.getReportService();

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

    rsr.setReportId(70066);
    rsr.setObjectName("70081");

    rs = rssbs.remoteReportCall(rsr);

    if ("SUCCESS".equals(rs.getStatusCode())) {
        out.write("Success </br>");
        ReportRow[] rows = rs.getResults();
        for (ReportRow r: rows) {
            //display filter
values:
                                out.write("<br>" + r.getDataValue()[0]);
        }
    } else {
        out.write(rs.getStatusCode());
        out.write(rs.toString());
    }
%>
```

web

webReportRow

(webSCHEMA

2

System Administrator	1
Consumer & Collaborator	5
Report Content Writer	4

webReportRow2

LoginId	String	Yellowfin WebIDIDID YellowfinYellowfin Web
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	webRESULTSET
OrgRef	String	ID
ReportId	Integer	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>RESULTSET</reportRequest>
        <reportId>58511</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>
```



## ReportServiceResponse

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

## 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>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>4</hitCount>
        <lastModifiedDate>2016-04-13</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 58511 Successfully</messages>
        <messages>Returning RAW Resultset</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <private>false</private>
        <reportDescription/>
        <reportId>58511</reportId>
        <reportName>Role Population</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>00c65743-15f8-4f93-ace1-e3d4d2b956eb</reportUUID>
        <reportUsage>7</reportUsage>
        <results>
          <dataValue>System Administrator</dataValue>
          <dataValue>1</dataValue>
        </results>
        <results>
          <dataValue>Consumer & Collaborator</dataValue>
          <dataValue>5</dataValue>
        </results>
        <sessionId>c958af74f677c4b1f575bd728d3b25d0</sessionId>
        <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("RESULTSET");
```

- 

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

- ID

```
rsr.setReportClientReferenceId("1");
```

- 

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

web

- StatusCode

1. **ws\_resultset.jsp**
2. rootYellowfin/appserver/webapps/ROOT
- 3.
4. **http://<host>:<port>/ws\_resultset.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("RESULTSET");
rsr.setReportId(60712);
rsr.setReportClientIdReferenceId("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());
}

%>

```

## webRESULTSET

LoginId	String	Yellowfin WebIDIDID YellowfinYellowfin Web
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	web <b>FORMATTEDRESULTSET</b>
OrgRef	String	ID
ReportId	Integer	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>FORMATTEDRESULTSET</reportRequest>
        <reportId>58511</reportId>
      </arg0>
    </web:remoteReportCall>
  </soapenv:Body>
</soapenv:Envelope>

```

## ReportServiceResponse

StatusCode	String	Web <ul style="list-style-type: none"> <li>• SUCCESS</li> <li>• FAILURE</li> </ul>
Results	ReportRow[]	

## 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>
        <canDrill>false</canDrill>
        <category>Audit Reports</category>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Yellowfin Configuration Database</datasource>
        <errorCode>0</errorCode>
        <formatCode>REPORTANDCHART</formatCode>
        <hitCount>5</hitCount>
        <lastModifiedDate>2016-04-13</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <lastRunStatus>RUN_NOERROR</lastRunStatus>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 58511 Successfully</messages>
        <messages>Returning RAW Resultset</messages>
        <messages>Request Contains No ReportFilter Records.</messages>
        <messages>Report Run Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <private>false</private>
        <reportDescription/>
        <reportId>58511</reportId>
        <reportName>Role Population</reportName>
        <reportTemplate>REPORTANDCHART</reportTemplate>
        <reportUUID>00c65743-15f8-4f93-ace1-e3d4d2b956eb</reportUUID>
        <reportUsage>9</reportUsage>
        <results>
          <dataValue>System Administrator</dataValue>
          <dataValue>1</dataValue>
        </results>
        <results>
          <dataValue>Consumer & Collaborator</dataValue>
          <dataValue>5</dataValue>
        </results>
        <sessionId>1e4f0c8ee07d24a5500f952a459b1652</sessionId>
        <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("FORMATTEDRESULTSET");
```

- 

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

- ID

```
rsr.setReportClientReferenceId("1");
```

- 

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

web

- StatusCode

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

```
<%
/*          ws_resultset.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("FORMATTEDRESULTSET");
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	web <b>SENDTOEMAIL</b>
OrgRef	String	ID
ReportId	Integer	ID
ReportsOption	String[]	
AlterationCommand		
SessionId	Integer	ID
LanguageCode		

## 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>SENDTOEMAIL</reportRequest>
    <reportId>70012</reportId>
    <alterationCommand>drill-down|70012</alterationCommand>
    <reportOptions>
      <string>binish.sheikh@yellowfin.com.au</string>
    </reportOptions>
  </arg0>
</web:remoteReportCall>
</soapenv:Body>
</soapenv:Envelope>

```

Status Code	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:remoteReportCallResponse xmlns:ns2="http://webservices.web.mi.hof.com/">
      <return>
        <author>System Administrator</author>
        <authoringMode>JAVA</authoringMode>
        <averageRunTime>0</averageRunTime>
        <canDrill>false</canDrill>
        <category>Tutorial</category>
        <dashboardEnabled>true</dashboardEnabled>
        <dataOutput>COLUMN</dataOutput>
        <datasource>Ski Team</datasource>
        <errorCode>0</errorCode>
        <formatCode>CHART</formatCode>
        <hitCount>3</hitCount>
        <lastModifiedDate>2018-03-07</lastModifiedDate>
        <lastRunDuration>0</lastRunDuration>
        <messages>Successfully Authenticated User: admin@yellowfin.com.au</messages>
        <messages>Loaded Report: 70012 Successfully</messages>
        <messages>Web Service Request Complete</messages>
        <preRunFilterString><![CDATA[<div class="rptFilterLogicText">
<span class="rptFilterLogicIdentifier">Invoiced Date</span>
Between
<span class="rptFilterLogicIdentifier">Current Date - 6 Years And Current Date</span>
</div>
.
.
.
]]></preRunFilterString>
        <private>false</private>
        <reportDescription>This report provides a high level summary of campaigns</reportDescription>
        <reportId>70012</reportId>
        <reportName>Campaign Summary</reportName>
        <reportTemplate>CHART</reportTemplate>
        <reportUUID>3e842fae-02f7-4ad3-a632-ca267e0078da</reportUUID>
        <reportUsage>100</reportUsage>

```

```

        <sessionId>fa0cc79a9ea229bd5df85b4a7f50c878</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("SENDTOEMAIL");

```

- 

```

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

```

- 

```

rsr.setReportId(60712);
rsr.setAlterationCommand("drill-down|60712");

```

- 

```

rsr.setReportOptions(new String[]{ "dummy@dummy.com" });

```

- 

```

ReportServiceResponse rs=rsc.remoteReportCall(rsr);

```

web

- StatusCodeDashboardSubtabs

1. **ws\_sendtoemail.jsp**
2. rootYellowfin/appserver/webapps/ROOT



- 3.
4. `http://<host>:<port>/ws_sendtoemail.jsp`

```

/*          ws_sendtoemail.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("SENDTOEMAIL");
    rsr.setOrgRef("1");
    rsr.setReportId(60712);
    rsr.setAlterationCommand("drill-down|60712");
    rsr.setReportOptions(new String[]{ "dummy@dummy.com"});
    rsr.setReportClientReferenceId("1");
    rsr.setDashboardTabId(70080);

    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

AlterationCommandweb

LoginId	String	Yellowfin WebIDIDID YellowfinYellowfin Web
Password	String	
OrgId	Integer	YellowfinID1
ReportRequest	String	webCOMMAND

OrgRef	String	ID
ReportId	Integer	ID
AlterationCommand	String	web
CommandHistory	String	
SessionID	String	ID
LanguageCode	String	

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

Java

- web

```
ReportServiceRequest rsr = new ReportServiceRequest();

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

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

- 

```
rsr.setReportClientReferenceId("1");
```

- 

```
rsr.setAlterationCommand("DRILLDOWN|60712|53655|RXVyb3B1");
```

- ID

```
rsr.setSessionId("ce509806176f6a0563767bfb0b2bb36f");
```

- 

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

web

- StatusCode

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

```
<%@page import="com.thoughtworks.xstream.io.xml.StaxDriver"%>
<%@ 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("COMMAND");
    rsr.setReportId(60712);

    rsr.setAlterationCommand("DRILLDOWN|60712|53655|RXVyb3B1");

    rsr.setReportClientReferenceId("1");
    rsr.setSessionId("ce509806176f6a0563767bfb0b2bb36f");
    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());
        }
    }
%>
```