**Integrated Birt Report Viewer in Web Application**

Integrate the BIRT Viewer application into web application. Follow these steps:

* Download the zip file with the BIRT report engine runtime. The file is named birt-runtime-version#.zip.
* Unzip the file in a staging area.
* Look under the birt-runtime- directory and locate the "WebViewerExample" directory.
* Copy below 4 folders to your web application WebContent directory

1. WebViewerExample\logs
2. WebViewerExample\report
3. WebViewerExample\scriptlib
4. WebViewerExample\webcontent

So it will be WebContent\logs, WebContent\report, WebContent\ scriptlib and WebContent\ webcontent

* Copy below 4 files to your web application WebContent directory, but rename index.jsp to indexBirt.jsp before copy.

1. WebViewerExample\ CancelTask.jsp
2. WebViewerExample\index.jsp
3. WebViewerExample\ test.rptdesign
4. WebViewerExample\ test1.rptdesign

So it will be WebContent\\ CancelTask.jsp, WebContent\ indexBirt.jsp, WebContent\ test.rptdesign and WebContent\ test1.rptdesign

* Copy below 2 folders to your web application WebContent\WEB-INF directory

1. WebViewerExample\WEB-INF\platform
2. WebViewerExample\ WEB-INF\tlds

So it will be WebContent\WEB-INF\platform, WebContent\WEB-INF\tlds

* Copy all 31 jar files under below directory to your web application WebContent\WEB-INF\lib directory

1. WebViewerExample\WEB-INF\lib\\*.jar

* Copy below 5 files to your web application WebContent\WEB-INF

1. WebViewerExample\WEB-INF\ jrun.web.xml
2. WebViewerExample\WEB-INF\ server-config.wsdd
3. WebViewerExample\WEB-INF\ viewer.properties
4. WebViewerExample\WEB-INF\ weblogic.xml
5. WebViewerExample\WEB-INF\ web-template.xml

* Merge BIRT report WebViewerExample\web.xml with your web application WebContent\WEB-INF\web.xml as follow:

1. Copy Birt web.xml <context-param> section to web web.xml <context-param>
2. Copy Birt web.xml <filter> section to web web.xml <filter> section
3. Copy Birt web.xml <filter-mapping> section to web web.xml <filter> section
4. Copy Birt web.xml <listener> section to web web.xml <listener> section
5. Copy Birt web.xml <servlet> section to web web.xml <servlet> section
6. Copy Birt web.xml <jsp-config> section to web web.xml after <servlet-mapping> section

For this version of WebViewerExample\web.xml I merge from line# 11 to line#227 to web application web.xml

* **Install your JDBC Drivers**

For TRA project, copy ojdbc5.jar to below directory

Add the jar files for your JDBC drivers to the Viewer. Copy the driver the following directory:

\WEB-INF\platform\plugins\org.eclipse.birt.report.data.oda.jdbc\_2.6.0.v20100524\drivers

* Refresh your project. Check to see if project Java Build Path to see if 31 jar file already in your Libraries
* Deploy your project in your tomcat server
* Display below link to check that the viewer is deployed: <http://localhost:8080/yourproject/indexBirt.jsp>

For TRA project:

<http://localhost:8080/traPortal/indexBirt.jsp>

* A page confirming that the BIRT viewer has been installed should be displayed. Click on the link labeled "View Example" to confirm that your installation is working properly.
* The BIRT Viewer requires that cookies be enabled.
* In JSF page, for the url for BIRT report for TRA project we use relative path like below example:

'/traPortal/frameset?\_\_report=Report/fileProcessing\_report.rptdesign'