

# Java Servlets for Repertoire Server 7.1.x

## Introduction

The Repertoire Demo Servlet Application is a simple servlet application that illustrates how server resources can be access using the Server REST API. This application serves as a guide for developers to develop their own report applications. The full Java source code is provided in the download.

## Features

The Repertoire Demo Servlet is able to:

- Render Report Templates
- Render Datasources
- Render Dashboards
- Demonstrate Single-Sign On through **ParamBasedRedirect.java**.

The Report Render Output Type in Repertoire Demo Servlet, supports the following:

- CSV
- Excel
- Glint
- HTML
- IMP
- LPT
- PDF
- Simple HTML
- XML

## RepertoireDemoServlet Application for Version 7.1.x

Before you work with the Repertoire Demo Servlet, read the following instructions carefully.

## Installation

1. Unzip the WAR file and modify */WEB-INF/web.xml* accordingly.
2. Deploy the WAR file to your application server.
3. Launch the following URL :

*http://<machine\_name>:<port\_number>/RepertoireDemoServlet/*

## **Deployment Descriptor- web.xml**

To integrate to 7.1.x, the Repertoire Demo Servlet default deployment descriptor - */WEB-INF/web.xml* needs the following information:

- ERS Host URL
- ERS Username - Ensure that this username is a valid user in ERS 7.1.x
- ERS Password - Ensure that this password is a valid user in ERS 7.1.x
- ERS SessionID - This SessionID field allows integration with other Java Frameworks

## **Default configuration:**

```
<servlet>
  <servlet-name>ParamBasedRedirect</servlet-name>
<servlet-class>
  com.elixirtech.ers2.servlet.demo.ParamBasedRedirect
</servlet-class>
  <init-param>
    <param-name>url</param-name>
    <param-value>http://localhost:8080/</param-value>
  </init-param>
<init-param>
  <param-name>username</param-name>
  <param-value>admin</param-value>
</init-param>
<init-param>
  <param-name>password</param-name>
  <param-value>sa</param-value>
</init-param>
<init-param>
  <param-name>sessionid</param-name>
  <param-value>JSESSIONID</param-value>
</init-param>
</servlet>
```

## **Tested Application Servers**

1. Apache Tomcat/6.0.13
1. BEA Weblogic Version 9 / Version 10
1. Standalone Jetty 5 / 6.1.0

## **Known Behaviour/Issues**

1. The ability of streaming a report template using the servlet streaming engine (from v6.x) is no longer available and is disabled. In order to render a report, refer to the Server REST API.

## **Repertoire Demo Servlet for Version 7.0.1 and below**

Note that:

- Repertoire Demo Servlet from Version 7.0.1 / Version 7.0.0 is not available.
- Repertoire Demo Servlet from Version 6.x is available at <*Repertoire-Server-6.x.0*>\*RepertoireServer\clients\demo\JavaServletApp*

## **Download**

[Download Repertoire Demo Servlet application for Elixir Repertoire Server Version 7.1.x.](#)

Note that the source code is located at *RepertoireDemoServlet.war\WEB-INF\src\**

## **Support**

Please email any questions to [support@elixirtech.com](mailto:support@elixirtech.com)