

Overview of Install Web 401(k) Pre-Release Web Application on Websphere / Oracle

The purpose of this document is to aid in the installation of the application in a test environment. It is not intended to serve as a comprehensive installation guide, but to duplicate the development environment. It also assumes familiarity with Oracle 8i release 3 and Websphere application server 3.5.3.

System Requirements

Oracle 8i Release 3 (8.1.7)

Websphere Application Server version 3.5.3

Installation

Oracle

Create a database named 401K

Create a tablespace named 401K

Create a user named SAUSER identified by 401K with the default tablespace set to 401K

The distribution CD contains an oracle directory with three scripts that need to be run. The first, sauser.sql creates the tables and will need to be modified before it is run. All of the create statements for the temp tables need to be modified as follows:

- 1) Change CREATE TABLE to CREATE GLOBAL TEMPORARY TABLE
- 2) Drop all optional parameters on the create statement

The temp tables are all located at the bottom of the script and are prefixed with TMP.

After these modifications, run the three scripts in the follow order:

sauser.sql

seqs.sql

data.sql

Websphere

Install the JDBC Driver and Data Source. Copy the contents of Appserver/classes on the distribution CD to your Appserver/classes directory. This contains the Oracle JDBC thin driver, as well as some other required application classes. In the Websphere console, create a JDBC driver with the following parameters:

Name: oracle

Class: oracle.jdbc.driver.OracleDriver

URL: jdbc:oracle:thin:sauser/401k@<ip>:1521

Replace <ip> with the ip address of the computer running oracle

Create a Data Source with the following parameters:

Name: 401k

Database: 401k

Driver: oracle

Modify the command line arguments of the Default Server. Add the following to the command line arguments:

-Dads=jdbc/401k

-classpath C:\WebSphere\AppServer\hosts\default_host\401k\lib

Create a new Web Application in the default servlet engine. The default servlet engine must be running in Servlet 2.2/JSP 1.1 Full Compliance Mode.

Create the Web Application with the following parameters:

Name: 401k

Virtual Host: default_host

Web Path: /401k

Document Root: ..\AppServer\hosts\default_host\401k\web

Classpath: ..\AppServer\hosts\default_host\401k\servlets

..\AppServer\hosts\default_host\401k\classes

Inside the new Web Application create the following servlets:

Name: Appctl

Class: com.entersolv.401k.web.controller.AppCtl

Web Path: default_host/401k/appctl/*

Init Parameters:

Name: defaultError Value: assets/defaulterror.jsp

Name: portalPage Value: /

Name: templatepath Value:

c:\websphere\appserver\hosts\default_host\401k\templates

Name: exportpath Value: web path to save export files

Name: removefiles Value: Y or N

Name: login

Class: com.entersolv.401k.web.login.Login

Web Path: default_host/401k/login

Init Parameters:

Name: defaultError Value: assets/defaulterror.jsp

Name: portalPage Value: /

Name: appPath Value: appctl/

Name: logout

Class: com.entersolv.401k.web.login.Logout

Web Path: default_host/401k/logout

Init Parameters:

Name: defaultError Value: assets/defaulterror.jsp

Name: portalPage Value: /

Name: file

Class: com.ibm.servlet.engine.webapp.SimpleFileServlet

From the wizard. Add a JSP 1.1 Enabler

Copy the folder on the distribution CD to your hosts\default_host folder

Stop and restart the Default Server.

