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Setting Up iDocumaker

iDocumaker is one of the presentation components from Oracle Insurance. It lets you easily add and modify data in the other Oracle Insurance applications through a rich, web 2.0 graphical interface.

iDocumaker uses much of the Java™ 2 Platform, Enterprise Edition (J2EE) framework for powerful features such as reliability, strong security, extensibility, standards based, maintainability and scalability.

Using these, it therefore needs to be installed under a J2EE-compliant web container. This document describes the basic installation and configuration steps necessary to install the iDocumaker product under the approved web containers. This document also tell you how to find and install the various third-party libraries iDocumaker uses.

NOTE: This document is designed for an initial installation of iDocumaker. If you are updating iDocumaker, check with your system administrator for details on how iDocumaker was initially set up and customized.

Before you begin you should be familiar with the security settings for your system and how to modify them.

You will find information on these topics in this chapter:

- Requirements on page 2
- Updating Third-Party Libraries on page 4
- Installing iDocumaker on page 10
- OpenLDAP Security Settings on page 34
**Requirements**

Your computer must have certain software and hardware components to run iDocumaker. This table outlines those requirements:

### Basic requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Windows XP, Windows 2003 Server, Linux, AIX, and Sun Solaris</td>
</tr>
<tr>
<td>Java Runtime Environment (JRE)</td>
<td>version 1.5 or higher</td>
</tr>
<tr>
<td>Physical memory/JVM heap memory*</td>
<td>1024MB/256MB RAM</td>
</tr>
<tr>
<td>Hard disk**</td>
<td>100 MB free</td>
</tr>
<tr>
<td>Other components</td>
<td>Keyboard and mouse or compatible pointing device</td>
</tr>
<tr>
<td>Monitor</td>
<td>Color SVGA monitor</td>
</tr>
</tbody>
</table>

* Additional memory will improve system performance.
** The amount of hard disk space you will need depends mainly on the volume of data you must process.

**Note:** To test your iDocumaker implementation, you need a Documaker Studio master resource library (MRL).

### Client requirements

In addition to the basic requirements, each client should have the following:

- WIP Edit, version 11.3, patch 05 or higher
- Microsoft Windows XP Professional or later
- Adobe Acrobat Reader 7.0 or higher
- Microsoft Internet Explorer 7.0 or higher with these Internet security options enabled:
  - Run ActiveX controls and plug-ins
  - Script ActiveX controls safe for scripting
  - Allow cookies that are stored on your computer
  - Allow per-session cookies (not stored)
  - Active scripting

### Server requirements

In addition to the basic and client requirements, the computer you will use as a server should be configured with the following:

- Apache Tomcat, or IBM WebSphere MQ (formerly MQSeries)
- A database such as Oracle version 8i or higher, Microsoft SQL 2000 or higher, IBM DB2 version 8.1 or higher, Sun MySQL version 4.3 or higher, or other JDBC version 2.0-supported databases
- Application servers that support the J2EE 1.4 specification. We test on Tomcat version 5.5 and WebSphere MQ version 6.1.
In addition to the basic requirements, for the application server, you should have:

- Windows Server (Tomcat plug-in), Tomcat version 5.5 or higher, or WebSphere MQ version 6.1
- One of these message busses:
  - WebSphere MQ
  - JMS
  - ActiveMQ
  - MSMQ
  - HTTP
- A database such as Oracle version 8i or higher, Microsoft SQL 2000 or higher, IBM DB2 version 8.1 or higher, Sun MySQL version 4.3 or higher, or other JDBC version 2.0-supported databases
- Docupresentment version 2.2 or higher

**NOTE:** We test iDocumaker version 3.2 implementations on WebSphere Application Server (WAS) version 6.1.x and Tomcat 6.x Application Server.

This table shows various application servers we have tested with and the Java version you should use with those web servers and with iDocumaker:

<table>
<thead>
<tr>
<th>For</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomcat 5.5 (or higher)</td>
<td>Tomcat using Java 1.5 (iDocumaker using the Servlet Specification 2.4 or higher)</td>
</tr>
<tr>
<td>WebSphere Application Server 6.1.x</td>
<td>WebSphere Application Server using Java 1.5 (iDocumaker using the J2EE standard 1.4)</td>
</tr>
</tbody>
</table>

We also recommend these additional products for your iDocumaker implementation:

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Documaker</td>
<td>Use for rules publishing.</td>
</tr>
</tbody>
</table>
Due to licensing restrictions Oracle Insurance does not distribute the third-party libraries needed for iDocumaker. These libraries include:

- HotSAX - An open source SAX2 parser for HTML, XHTML, and XML files.
- Jericho HTML Parser - An open source library that lets you analyze and manipulate HTML documents.
- ShiftOne Cache - An open source library that applies object caching policies.

This topic will help you find, download, and patch these libraries into your iDocumaker war or ear file.

Before you begin, make sure you have…

- An iDocumaker 3.2 war or ear file
- The iDocumaker patch script or a compression utility such as WinZip® or WinRAR. For more information on the patch script, see Using the Patch Script on page 7.

The patch script requires the Java Runtime Environment (JRE) version 1.4 or higher. The patch script is designed for Windows but anyone familiar with Apache Ant can open the script and use it on any platform Apache Ant is supported.

**NOTE:** If WinZip® has a problem with the format of the file, use WinRAR or another compression utility.

You can patch third-party libraries two ways:

- **Using the Script on page 5**
- **Without a Script on page 8**

Instructions for each method follow.
**Using the Script**

Follow these instructions to use the patch script to update the various third-party libraries iDocumaker needs. For more information on the patch script, see Using the Patch Script on page 7.

1. Unzip the update.zip to a directory on the host machine. It will create an `update` subdirectory. Then copy the CCM war or ear file into this directory.

2. Download the following third-party libraries. Place these libraries in the `update\lib` directory.
Setting Up iDocumaker

HotSAX

Download HotSAX, version 1.2c from this site:

http://sourceforge.net/project/showfiles.php?group_id=29085&package_id=21409&release_id=87917

Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the update\WEB-INF\lib directory:

..\HotSAX-0.1.2c\hotsax.jar

Jericho HTML Parser

Download the Jericho HTML Parser version 1.2 from this site:

http://downloads.sourceforge.net/jerichohtml/jericho-html-1.2.zip?modtime=1087344000&big_mirror=0

Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the update\WEB-INF\lib directory.

..\jericho-html-1.2\Jericho-html-1.2.jar

ShiftOne Cache

Download ShiftOne Cache version 1.2 from this site:

http://downloads.sourceforge.net/jocache/shiftone-cache-1.2.zip?modtime=1064880000&big_mirror=0

Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the WEB-INF\lib directory of your exploded WAR directory.

..\shiftone-cache-1.2\dist\shiftone-cache.jar

3 The next step varies, depending on if you are patching a war or ear file:

<table>
<thead>
<tr>
<th>If you are patching</th>
<th>Double-click this file:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A war file</td>
<td>patch.bat</td>
</tr>
<tr>
<td>An ear file</td>
<td>patchear.bat</td>
</tr>
</tbody>
</table>

NOTE: If you have any problems, try the steps in Without a Script on page 8.
Using the Patch Script

If you renamed your war or ear file and within the ear or war file you want the jar libraries loaded from a different location, you can do this by passing parameters via the patch script. Here is an example:

```
patch -Dwar testwar.war -Dlib.dir lib2
```

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-Dwar warname or -Dear earname</td>
<td>The name and/or path/name of the war file or war within the ear file. The default is skywireccm.war.</td>
</tr>
<tr>
<td>-Dlib.dir lib directory</td>
<td>The path, relative or absolute, to the directory that contains the third-party jar files needed by iDocumaker.</td>
</tr>
</tbody>
</table>

This example patches the testwar.war file with the third-party libraries found in the relative directory named \lib2. The example output is shown below.

You can see that there is no lib directory, just \lib1 and \lib2 so there is no possibility of confusion. You can see it using testwar.war in the output.
**WITHOUT A SCRIPT**

Follow these steps to get the third-party libraries without using the script:

1. Create a directory named `\update`.

2. Unzip the deployable war or ear file into this directory.

   If you are using an ear file, you will see a war file and a META-INF directory. Create a war directory and unzip into that. This is now your exploded WAR directory.

3. Download the following third-party libraries:

   **HotSAX**
   
   Download HotSAX, version 1.2c from this site:


   Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the update\WEB-INF\lib directory:

   ```
   ..\HotSAX-0.1.2c\hotsax.jar
   ```

   **Jericho HTML Parser**
   
   Download the Jericho HTML Parser, version 1.2 from this site:

   [http://downloads.sourceforge.net/jerichohtml/jericho-html-1.2.zip?modtime=1087344000&big_mirror=0](http://downloads.sourceforge.net/jerichohtml/jericho-html-1.2.zip?modtime=1087344000&big_mirror=0)

   Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the update\WEB-INF\lib directory:

   ```
   ..\jericho-html-1.2\Jericho-html-1.2.jar
   ```
ShiftOne Cache

Download ShiftOne Cache, version 1.2 from this site:

http://downloads.sourceforge.net/jocache/shiftone-cache-1.2.zip?modtime=1064880000&big_mirror=0

Unzip it into a temporary directory. Then copy the following .jar file from the temporary directory into the WEB-INF\lib directory of your exploded WAR directory.

..\shiftone-cache-1.2\dist\shiftone-cache.jar

4 The next step varies, depending on if you are patching a war or ear file:

<table>
<thead>
<tr>
<th>If you are using</th>
<th>Then</th>
</tr>
</thead>
<tbody>
<tr>
<td>A war file</td>
<td>Use a compression utility to zip/jar/tar up the WAR directory. Make sure the path names stay intact relative to the root of the exploded war directory without including the exploded war directory name. This file should be named skywireccm.war.</td>
</tr>
<tr>
<td>An ear file</td>
<td>Delete the exploded WAR directory but keep the new skywireccm.war and zip/jar/tar it up with the META-INF directory into a new ear file named as it was; skywireccm.ear.</td>
</tr>
</tbody>
</table>
This document describes using different web application servers and/or security configurations. It also discusses configuring iDocumaker security for LDAP servers, but only on the certified web application servers.

For all other containers, or for more information on the certified web application containers (or server), refer to your container’s documentation.

This document discusses these main functions:

• Deployment of the iDocumaker application on approved web application containers.
• Configuring the web application container for your LDAP server.

This document does not discuss...

• Any other aspect of your application server’s configuration, including alternative security configurations. iDocumaker uses the J2EE security framework. The administrator should be able to use the application server’s configuration to hook into the necessary security framework. iDocumaker supports LDAP on the approved application servers.
• Application servers beyond those listed in Requirements on page 2. Administrators of a J2EE web application container should be able to take what is given here and apply it to their servers.
• Hardware requirements, their configurations, or clustering.

These installations are covered in this topic:

• Installing under Tomcat 5.5.2x on page 11
• Installing under Tomcat 6.x on page 12
• Installing under WebSphere 6.1 on page 13
**INSTALLING UNDER TOMCAT 5.5.2x**

**Security**  
By default, Tomcat connects to a local LDAP server for its security configuration. The security configuration is built into the war file in the file under the META-INF/context.xml file.

Take the contents of this context.xml file, or the configuration given below, and edit the elements in it to point to the enterprise LDAP server you want to use. Then put it back into the deployment file. You can put it in the server.xml file (Tomcat’s configuration file), but as of Tomcat 5, this is not recommended. Since this involves editing the deployable file, security should be done before deployment.

The context tells the application server, Tomcat, that it applies only to this web application.

```xml
<Context antiJARLocking="true" antiResourceLocking="true"
reloadable="true">
  
  <Realm className="org.apache.catalina.realm.JNDIRealm" debug="99"
connectionName="uid=demo,ou=users,ou=docucorp,dc=example,dc=com"
connectionPassword="demo" connectionURL="ldap://localhost:389"
roleBase="ou=groups,ou=docucorp,dc=example,dc=com" roleName="cn"
roleSearch="(uniqueMember={0})" roleSubtree="true"
userSearch="(uid={0})" userPassword="userPassword"
userPattern="uid={0},ou=users,ou=docucorp,dc=example,dc=com"/>

</Context>
```

For more information, see the Tomcat JNDI Realm documentation:

http://tomcat.apache.org/tomcat-5.5-doc/realm-howto.html#JNDIRealm

**Deployment**  
Follow these steps to deploy iDocumaker under Tomcat 5.5:

1. Download the core Tomcat web application server from this site:

   http://tomcat.apache.org/download-55.cgi

2. Install it as a Windows application or unzip it into a directory. It is better to run it so you can see the output and determine if the deployment was successful.

3. Start Tomcat using the Administrator Services, Start menu or by running the startup.bat file.

4. Copy the skywireccm.war file into the tomcat/webapps directory where tomcat is the Tomcat installation directory. The system shows Tomcat deploying the war file.

5. Test the deployment of the application by going to the following site:

   http://localhost:8080/skywireccm

   This should show the log in window.
INSTALLING UNDER TOMCAT 6.X

Security
By default, the Tomcat application connects to a local LDAP server for its security configuration. The security configuration is built into the war file in the file under the META-INF/context.xml file.

Take the contents of this context.xml file, or the configuration given below, and edit the elements in it to point to the enterprise LDAP server you want to use. Then put it back into the deployment file. You can put it in the server.xml file (Tomcat’s configuration file), but as of Tomcat 5 this is not recommended. Since this involves editing the deployable file, security should be done before deployment.

The context tells the application server, Tomcat, that it applies only to this web application.

    <Context antiJARLocking="true" antiResourceLocking="true" reloadable="true">
      <Realm className="org.apache.catalina.realm.JNDIRealm" debug="99">
        <connectionName="uid=demo,ou=users,ou=docucorp,dc=example,dc=com">
          <connectionPassword="demo" connectionURL="ldap://localhost:389">
            <roleBase="ou=groups,ou=docucorp,dc=example,dc=com" roleName="cn">
              <roleSearch="(uniqueMember={0})" roleSubtree="true" />
              <userSearch="%{uid}={0},ou=users,ou=docucorp,dc=example,dc=com" />
            </roleBase>
            <userPassword="userPassword" userPattern="uid={0},ou=users,ou=docucorp,dc=example,dc=com" />
          </connectionPassword>
          <connectionName/>
        </connectionName>
      </Realm>
    </Context>

For further explanation see the Tomcat JNDI Realm documentation.

    http://tomcat.apache.org/tomcat-6.0-doc/realm-howto.html#JNDIRealm

Deployment
Follow these steps to deploy iDocumaker under Tomcat 6.x:

1. Download the core Tomcat web application server from this site:

   http://tomcat.apache.org/download-60.cgi

2. Install it as a Windows application or unzip it into a directory. It is better to run it so you can see the output and determine if the deployment was successful.

3. Start Tomcat using the Administrator Services, Start menu or by running the tomcat.exe file.

4. Copy the skywireccm.war file into the tomcat/webapps directory where tomcat is the Tomcat installation directory. The system shows Tomcat deploying the war file.

5. Test the deployment of the application by going to the following site:

   http://localhost:8080/skywireccm

   This should show the log in window.
INSTALLING UNDER WEBSPHERE 6.1

Installing iDocumaker under WebSphere 6.1 consists of the following tasks:

- Setting Up Security on page 14 (optional)
- Setting Up an IBM HTTP Web Server on page 17 (optional)
- Deploying the EAR File on page 21 (required)
- Managing the Web Module on page 28 (required)
- Setting Up the WAS Plug-in on page 30 (required)
- Testing the iDocumaker Web Application on page 32 (recommended)

For WebSphere 6.1, you should set up iDocumaker as a proxy service behind a web server. This topic shows, as an example, a basic IBM HTTP server configuration for a proxy server. You should have the IBM HTTP server with the plug-in installed.

Before you begin, make sure the...

- Server is running
- Administration console is available

You should also have a working knowledge of WebSphere 6.1. For more information on WebSphere, contact your WebSphere software vendor.
Setting Up Security

Follow these steps to set up security:

1. From the main screen expand the Security link on the left side menu. Click the Secure administration, applications, and infrastructure option.

   ![Image](image1.png)

   The main Security window appears.

2. Choose LDAP and click the Configure button under User account repository.

   ![Image](image2.png)

   You now see all the basic options for LDAP.
3. Enter your organization’s LDAP information and click Apply.

The system displays this message to tell you that you have changed the configuration.

- Changes have been made to your local configuration. You can:
  - Revert directly to the master configuration.
  - Revert changes before saving or discarding.
  - The server may need to be restarted for these changes to take effect.

Click Save to save the changes.

4. Enter any advanced mappings. Click Apply. Then click Save.
5  Click the Test Connection button. You should see a message similar to the one shown here:

![Message](image.png)

Click Ok.

6  Under the User account repository option, choose the newly-created LDAP configuration and choose Set as current.

![Configuration](image.png)

7  Check the Enable Administrative Security option. You will have to reboot the server.

If you are using our default OpenLDAP implementation you can log into the WebSphere console using this user ID and password:

<table>
<thead>
<tr>
<th>For</th>
<th>Enter</th>
</tr>
</thead>
<tbody>
<tr>
<td>User ID</td>
<td>demo</td>
</tr>
<tr>
<td>Password</td>
<td>demo</td>
</tr>
</tbody>
</table>

For a complete list of security settings for the default OpenLDAP implementation, see OpenLDAP Security Settings on page 34.
Setting Up an IBM HTTP Web Server

Here are the steps you need to follow to configure a web proxy server.

**NOTE:** If you use an existing web server to serve the static content, you can skip this topic. For performance reasons, the IBM HTTP server (IHS) is used to serve iDocumaker’s static content.

Before you begin...

- Install the IBM HTTP server.
- Make sure the IBM HTTP server is running as a service.

1. Click Web Server from the Servers link on the left most menu. You should see a screen like the following. Click New.
2. You will see the following window. Enter the appropriate information.

   ![Diagram of window](image)

   Click Next

3. Choose the default template.

   ![Diagram of window](image)

   Then click Next.
4 Enter your web server’s properties. Keep in mind where you have it installed, the HTTP administration server’s user name and password (if applicable), and so on. Make sure the path to the installed HTTP server and the plug-in location are properly defined.

Click Next when you are finished.

5 Review your changes and click Finish when you are happy with them.

The Please Wait icon appears.
6  Click the Save link to save the new configuration.

You should now see your new web server with a status of running (green arrow).
Deploying the EAR File

Make sure WebSphere is installed and you have an understanding of starting, stopping and configuring the server. In addition...

- There should already be a WebSphere server or cluster instance created for the application.
- The WebSphere instance should be running with the administration of that server available.

Follow these steps to deploy the EAR file:

1. Log into the administration console. You should see a window similar to the following:

   ![Integrated Solutions Console](image)

2. Click the Applications link on the left hand menu. You will now see these options:
   - Enterprise Applications
   - Install New Application
3 Under Enterprise Applications it shows a list of installed applications. Skywireccm should not be on the list. You will return to this list.

4 Click the Install New Application link. This window appears.

5 From here, click Browse and locate the skywireccm.ear file. Then click Next. The Please Wait icon appears, which indicates the system is uploading and preparing the application.
6 Next is the Install Options window. You can accept the defaults and click Next.

7 Now map the application to servers. Typically you just have to check the box and click Next.

**NOTE:** If you are not using container managed security, you can skip this step.

When you finish, the Please Wait icon appears.
The Summary window appears and provides information on the entire application’s deployment. Click Finish.

The installation window appears with the Please Wait icon.
When the installation finishes you should see a window similar to the following.

Click the Save link to save the master configuration.
Mapping Security Roles

Follow these steps to map security roles to users or groups:

**NOTE:** If you have the secure version of the application, you need to map the application roles to the your security system’s roles.

If you have the insecure version, ignore this step.

1. Click the Enterprise Applications link on the main menu to the left and choose the newly-installed iDoumaker32 application. You should see the following screen.

2. Click the Security Role to User/Group mapping link. This page appears:

3. Click the Select and All Authenticated boxes and click the Look up groups button.
This page appears.

4 Accept all of the defaults and click the Search button. A list of the OpenLDAP roles appears in the Available columns.

5 Select cn=dmgusers… and click the >> button to move it into the Selected column. Click Ok and then click Ok again. Then click Save.

You will see the Please Wait icon.

When it is done you will see a message similar to this one:
Managing the Web Module

First, make sure the plug-in is installed. It may be an optional check box as part of the HTTP server installation or can be installed separately.

**NOTE:** If you run into any problems, it could indicate a class loading issue.

1. Select Manage Modules. Then click the iDocumaker32 application. You should see the following window.

   ![Manage Modules Window]

2. After you select the Manage Modules option, this window appears:

   ![Manage Modules Window]

   - Select the Manage Modules option.
   - Click this link.
   - Click the CCM1.02EE5Web link.
3. For Class loader order, select the Classes loaded with application class loader first option.

![Diagram showing configuration settings:]

- Select the Classes loaded with application class loader first option.
- Click Ok.

4. Now save the configuration. After the configuration is saved, you return to the following window. Select iDocumaker32 and click Start.

![Diagram showing application status:]

- Click here then click Start
- This will change to a green arrow
- The Application Status changes to a green arrow. This tells you the application is now running.
Setting Up the WAS Plug-in

Make sure the WebSphere Application Server (WAS) plug-in is installed. It may be an optional check box as part of the HTTP server installation or may be installed separately.

You can also find these instructions in the readme.txt file included in the iDocumaker distribution.

1 Open the httpd.conf file in the conf directory in the HTTP server installation directory and add the following lines.

```
Alias /skywireccm "D:/IBM/WebSphere/AppServer/profiles/AppSrv01/installedApps/mleeNode01Cell/iDocumaker32.ear/skywireccm.war"
<Directory "D:/IBM/WebSphere/AppServer/profiles/AppSrv01/installedApps/mleeNode01Cell/iDocumaker32.ear/skywireccm.war">
  AllowOverride None
  Options None
</Directory>
LoadModule was_ap20_module "C:\IBM\HTTPServer\Plugins\bin\mod_was_ap20_http.dll"
WebSpherePluginConfig "C:\IBM\HTTPServer\Plugins\config\skywireccm_webserver\plugin-cfg.xml"
```

Replace the path to the path to the deployed application on your WebSphere application server. Please note your environment may differ, so the directory setting may have to be changed to reflect your environment.

**NOTE:** The LoadModules line points to the plug-in DLL path. The WebSpherePluginConfig should point to the plugin-cfg.xml for the configured web server instance.

2 The plug-in is initially configured to use Tomcat instead of the IBM HTTP server. To use IBM HTTP server, you must edit the global.xml file. Open the global.xml file and change the port setting for the “PUTURL” SOURCE= from 8080 to 80.

Here is an example of how your section should look after you make the change:

```xml
- <REQTYPE DESCRIPTION="" NAME="i_PluginInit"
  LOW.LEVEL.SERVICE="7006" SENDFILE="NONE" GETFILE="" QUEUE">
  - <INPUT SERVICENAME="">
    <VAR NAME="USERID" SOURCE="" />
    <VAR NAME="CONFIG" SOURCE="" DATAXPATH="DOCUMENT/SESSION/USERID" />
    <VAR NAME="PRTTYPE" SOURCE="">DPW</VAR>
    <VAR NAME="PASSWORD" SOURCE="">DEMO1</VAR>
    <VAR NAME="" SOURCE="WIPKEYS/RECNUM" DATAXPATH="DOCUMENT/DOCSET/WIPKEYS/RECNUM" />
    <VAR NAME="PUTURL" SOURCE="">localhost:80</VAR>
    <VAR NAME="SCRIPT" SOURCE="">skywireccm/jeds/ientrypluginsave</VAR>
    <VAR NAME="GETSCRIPT" SOURCE="">skywireccm/getidsresource/ientryplugingetresource</VAR>
    <VAR NAME="REFRESHSCRIPT" SOURCE="">skywireccm/jeds/debug</VAR>
    <VAR NAME="SAVE_REQTYPE" SOURCE="">i_PluginSave</VAR>
```

30
3 Restart the IBM HTTP server.
Testing the iDocumaker Web Application

Follow these steps to test your iDocumaker web application.

1. Click Enterprise Applications to the left and you should now see the newly-deployed application.

2. Under Enterprise Applications, click the box next to iDocumaker32 and click Start. The Please Wait icon appears. When it finishes, you will see this message:

   NOTE: If your iDocumaker web application does not appear, review the steps in Mapping Security Roles on page 26 to make sure you have mapped everything correctly.
3 Test the deployment of the application by going to this site:

http://localhost/skywireccm

You should now see the login screen. If you have security configured, you will also see a password field.

4 After logging in, you will see the application.

This concludes the test of your deployment.
The following settings are only to support the iDocumaker demo and should not be used as your main security settings. These settings are described here for reference purposes.

Under basic Standalone LDAP Registry, for the Server User Identity, choose the server identity stored in the repository. Under that, use the following settings:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>User ID</td>
<td>uid=demo,ou=users,ou=docucorp,dc=example,dc=com</td>
</tr>
<tr>
<td>Primary administrative user name</td>
<td>uid=demo,ou=users,ou=docucorp,dc=example,dc=com</td>
</tr>
<tr>
<td>Password</td>
<td>demo</td>
</tr>
<tr>
<td>Type of LDAP server</td>
<td>Custom</td>
</tr>
<tr>
<td>Host</td>
<td>localhost</td>
</tr>
<tr>
<td>Port</td>
<td>389</td>
</tr>
<tr>
<td>Base distinguished name</td>
<td>ou=docucorp,dc=example,dc=com</td>
</tr>
<tr>
<td>Bind distinguished name</td>
<td>uid=demo,ou=users,ou=docucorp,dc=example,dc=com</td>
</tr>
<tr>
<td>Bind password</td>
<td>demo</td>
</tr>
<tr>
<td>Search timeout</td>
<td>120</td>
</tr>
<tr>
<td>Reuse connection</td>
<td>True</td>
</tr>
<tr>
<td>Ignore case for authorization</td>
<td>False</td>
</tr>
</tbody>
</table>

Keep the default SSL settings.

Here are the advanced LDAP user registry settings:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Filter</td>
<td>(&amp;(uid=%v)(objectclass=docucorpAccount))</td>
</tr>
<tr>
<td>Group Filter</td>
<td>(&amp;(cn=%v)(</td>
</tr>
<tr>
<td>Group member ID map</td>
<td>groupOfUniqueNames:uniqueMember</td>
</tr>
<tr>
<td>User ID map</td>
<td>*:uid</td>
</tr>
<tr>
<td>Group ID map</td>
<td>*:cn</td>
</tr>
</tbody>
</table>
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