



Installing Additional Components for Java CAPS 6



Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

Part No: 820-3209-12
December 2008

Copyright 2008 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more U.S. patents or pending patent applications in the U.S. and in other countries.

U.S. Government Rights – Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

This distribution may include materials developed by third parties.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, the Solaris logo, the Java Coffee Cup logo, docs.sun.com, Java, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. or its subsidiaries in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and SunTM Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

Products covered by and information contained in this publication are controlled by U.S. Export Control laws and may be subject to the export or import laws in other countries. Nuclear, missile, chemical or biological weapons or nuclear maritime end uses or end users, whether direct or indirect, are strictly prohibited. Export or reexport to countries subject to U.S. embargo or to entities identified on U.S. export exclusion lists, including, but not limited to, the denied persons and specially designated nationals lists is strictly prohibited.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Contents

| | |
|--|----------|
| Installing Additional Components for Java CAPS 6 | 5 |
| Installation of Additional Java CAPS Components Overview | 6 |
| Installing Additional Non-JBI Based Java CAPS Components | 6 |
| ▼ To Install Additional Non-JBI Based Java CAPS Components | 6 |
| Installing Additional JBI Based Java CAPS Components | 8 |
| ▼ To Install Additional JBI Based Java CAPS Components | 8 |
| Installing the HL7 OTD Library | 8 |
| Installing the HL7 OTD Library on a Java CAPS Supported System | 9 |
| Installing HL7 OTD Library nbm into the NetBeans IDE | 10 |
| Installing DDL Scripts for the Oracle Applications Adapter | 11 |
| ▼ To Install DDL Scripts for the Oracle Applications Adapter | 11 |

Installing Additional Components for Java CAPS 6

The topics listed here provide information about installing additional Java™ Composite Application Platform Suite (Java CAPS) components. You install these components after completing the initial installation. If you have any questions or problems, see the Java CAPS support web site at <http://goldstar.stc.com/support>.

Prior to attempting an installation, read *Planning for Java CAPS Installation*. It provides pertinent information such as supported platforms, operating system limitations, and parameter definitions. If you have any questions or problems, see the Java CAPS web site at <http://goldstar.stc.com/support>.

To access all the Java CAPS documentation in HTML format on the Sun Developer Network (SDN) web site, go to <http://developers.sun.com/docs/javacaps/> or click the HELP tab in Enterprise Manager.

The HELP tab in the Java CAPS Uploader opens the “Installing Java CAPS Components Using the Java CAPS Uploader” topic.

What You Need to Know

These topics provide conceptual information about the installations.

- “Installation of Additional Java CAPS Components Overview” on page 6
- “Installing the HL7 OTD Library” on page 8

What You Need to Do

These topics provide instructions on how to install additional Java CAPS components.

- “Installing Additional Non-JBI Based Java CAPS Components” on page 6
- “Installing Additional JBI Based Java CAPS Components” on page 8
- “Installing the HL7 OTD Library on a Java CAPS Supported System” on page 9
- “Installing DDL Scripts for the Oracle Applications Adapter” on page 11

Installation of Additional Java CAPS Components Overview

The initial Java CAPS installation installs everything you need for your integrated, visual development environment for developing composite applications, Java EE applications, web applications, mobile applications and/or web services. After setting up your Java Composite Application Platform Suite, you may decide you need to install additional non-JBI based Java CAPS components, JBI based Java CAPS components, or updates to the components you have already installed on your system. Java CAPS provides two tools to upload and install additional components or updates to the components already installed on your system:

- Java CAPS Uploader (formerly known as the Java CAPS Installer in Release 5.1.3)
- NetBeans™ IDE Update Center

To Install Additional Java CAPS Components

- “Installing Additional Non–JBI Based Java CAPS Components” on page 6
- “Installing Additional JBI Based Java CAPS Components” on page 8

This topic also provides installation information for the HL7 OTD Library “[Installing the HL7 OTD Library](#)” on page 8.

Installing Additional Non–JBI Based Java CAPS Components

This topic provides instructions on how to install additional non-JBI based components after the initial installation. It assumes that you have successfully installed Java CAPS, the Sun Java System Application Server, and Enterprise Manager.

Note – Adapters that do not include a static OTD, such as database adapters, will not appear in the NetBeans IDE Projects window under CAPS Components Library→Adapters. However, they do appear in the list of installed Plugins, and provide External Applications in the Connectivity Map.

▼ To Install Additional Non–JBI Based Java CAPS Components

- 1 To start the Sun Java System Application Server, navigate to the base directory where you installed Java CAPS and start the appropriate executable file.
- 2 Log in to the Sun Java System Application Server.
 - admin username: **admin**
 - admin password: **adminadmin**

- master password: **changeit**
- 3 To start the Repository, navigate to the base directory where you installed Java CAPS and start the appropriate executable file.**

You are now ready to start the Java CAPS Uploader (formerly known as the Java CAPS Installer), which enables you to upload and install additional non-JBI based Java CAPS components.
 - 4 Start a web browser, and, in the Address line, type `http://host-name:port-number`, where:**
 - *host-name* is the TCP/IP host name of the server where you installed the Repository, and not the name of the Repository itself.
 - *port-number* is the port number that you specified during the installation of the Repository.
 - 5 Log in to the Repository.**
 - username: **admin**
 - password: **adminadmin**

The Java CAPS Uploader starts.
 - 6 To install additional non-JBI based Java CAPS components, select Click to install additional products.**
 - 7 Under Select Java Composite Application Platform Suite Products to Install, open a Product Name category, such as Core Product or OTD, make your selections by selecting the box to the left of the component, and, when ready, click Next.**

Note – “eGate” and “eWay,” among others, are pre-Release 6 terms. To see what they currently represent, see *Planning for Java CAPS Installation*.

- 8 In the Selecting Files to Install dialog box, navigate to the appropriate SAR file, select it, and click Next.**

Refer to *Planning for Java CAPS Installation* for the location of the SAR files.

Note – If you decide you do not want to upload a particular component, click Skip to move on to the next component.

Repeat this step until you have selected all the SAR files.

The selected components are uploaded to the Repository.

To complete the installation in the NetBeans IDE, perform the steps under “[Installing Additional JBI Based Java CAPS Components](#)” on page 8.

Installing Additional JBI Based Java CAPS Components

This topic provides instructions on how to install additional JBI based components after the initial installation. It assumes that you have successfully installed Java CAPS, the Sun Java System Application Server, and the NetBeans IDE.

▼ To Install Additional JBI Based Java CAPS Components

- 1 To start the Repository and the NetBeans IDE navigate to the base directory where you installed Java CAPS, and start the appropriate executable files.
- 2 To install additional JBI based Java CAPS components:
 - a. From the NetBeans IDE menu bar choose Tools and then Plugins.
 - b. On the Plugins page, choose the Settings tab.
 - c. From the Configuration of Update Centers pane select the type of components you want to install, choose the Available Plugins tab, and then select the modules you want in install.

Note – To select all, right-click any of the entries and select Check All.

- d. To begin the installation, click Install.
- e. When the NetBeans IDE Installer appears, click Next, accept the license, and click Install.
This page lists the JBI based Java CAPS components you are installing.

Note – Ignore any “validation” or “unsigned” warnings and continue with the installation.

- f. When the installation completes, click Finish and then close the Plugins dialog box.

You are now ready to continue using Java CAPS.

Installing the HL7 OTD Library

The Java CAPS Uploader, a web-based application, is used to select and upload adapters and add-on files during the installation process. The following section describes how to install the selected HL7 Libraries.

Note – When the Repository is running on a UNIX operating system, the components are loaded from the Enterprise Manager running on a Windows platform connected to the Repository server using Internet Explorer.

Installing the HL7 OTD Library on a Java CAPS Supported System

This section describes the method to upload and download SAR files from the repository.

▼ To Upload Files to the Repository

This procedure describes the method to upload the **HL7OTDLibraryxx.sar** files to Java CAPS Uploader. After this step you can select and submit (upload) the SAR file.

Note – For installing **HL7eWay.sar**, see [“To Install Additional Non-JBI Based Java CAPS Components” on page 6](#).

- Select **HL7OTDLibraryxx.sar** and click **Next** in the top-right or bottom-right corner of the page.

Note – Following are the SAR files.

- a. HL7OTDLibrary.sar (This is a common SAR file required for any version-specific SAR file.)
- b. HL7OTDLibrary21.sar
- c. HL7OTDLibrary22.sar
- d. HL7OTDLibrary23.sar
- e. HL7OTDLibrary24.sar
- f. HL7OTDLibrary25.sar
- g. HL7OTDLibrary231.sar
- h. HL7OTDLibrary251.sar
- i. HL7OTDLibraryGeneric.sar
- j. HL7V32006ACCTBilling.sar
- k. HL7V32006ClaimsAndReimb.sar
- l. HL7V32006ClinicalGenomics.sar
- m. HL7V32006MedicalRecords.sar
- n. HL7V32006MsgContActInfra.sar
- o. HL7V32006PatientAdmin.sar
- p. HL7V32006PersonnelManagement.sar
- q. HL7V32006PublicHealthRepot.sar
- r. HL7V32006QueryInfra.sar
- s. HL7V32006RegulateStudies.sar
- t. HL7V32006Scheduling.sar
- u. HL7V32006SharedMessages.sar
- v. HL7V32006TransInfra.sar

List 2 through List 22 are dependent HL7 OTD Libraries packaged with the Java CAPS Suite.

See Also **After Installation**

Once you install the HL7 OTD Library, it must then be incorporated into a Project before it can perform its intended functions.

Installing HL7 OTD Library nbm into the NetBeans IDE

For step-by-step instructions, see [“To Install Additional JBI Based Java CAPS Components” on page 8.](#)

Note – The nbm is installed the first time, you install an **HL7OTDLibraryxx.sar**. Next time, when you install another version of **HL7OTDLibraryxx.sar**, The NetBeans IDE does not install the same nbm. Hence, when you click on **Reload Catalog**, the nbms are not listed. When you install a new version of **HL7OTDLibrary**, perform the following steps:

1. Navigate to **Tools** menu.
2. Click **CAPS Repository** and select **Refresh All**.

The newly available HL7 OTD Libraries are listed in the **Projects** tab. You do not need to restart the IDE to see the changes.

Installing DDL Scripts for the Oracle Applications Adapter

This topic provides instructions on how to install the DDL Scripts required to generate OTDs for the Oracle Application Adapter. It assumes that you have successfully installed Java CAPS, the Sun Java System Application Server, and the NetBeans IDE.

▼ To Install DDL Scripts for the Oracle Applications Adapter

- 1 **Download the (SQL_Scripts.zip) Oracle Applications Adapter (eWay) User Privileges Configuration and DDL Scripts from the Java CAPS Uploader.**

Java Composite Application Platform Suite Uploader

Administration

Downloads

Documentation

Downloads available from repository1

List of Components to download[CommandLineCodegen](#)[eWays Base Enterprise Manager Plug-In](#)[Adapters Third Party Library Installer](#)[Web Services Enterprise Manager Plug-In](#)[Web Services UDDI Commandline publish Utility](#)[Business Process Instance Manager API](#)[eInsight Enterprise Manager Plug-In](#)[Workflow Service API](#)[eInsight Database Migration Tool](#)[WLM Enterprise Manager Plug-in](#)[Composite Page Designer Enterprise Manager Plug-In](#)[Batch eWay Enterprise Manager Plug-In](#)[DB2 eWay Enterprise Manager Plug-In](#)[Email eWay Enterprise Manager Plug-In](#)[Email eWay - SSL Runtime](#)[File eWay Enterprise Manager Plug-In](#)[HTTP eWay Enterprise Manager Plug-In](#)[HTTP Server eWay Enterprise Manager Plug-In](#)[JDBC eWay Enterprise Manager Plug-In](#)[Oracle eWay Enterprise Manager Plug-In](#)[SQLServer eWay Enterprise Manager Plug-In](#)[SQLServer eWay JTA \(XA\) Plug-In](#)[Sybase eWay Enterprise Manager Plug-In](#)[Oracle Applications eWay Enterprise Manager Plug-In](#)[Oracle Applications eWay User Privileges Configuration and DDL Script](#)

2 Extract the *SQL_Scripts.zip* into a working directory (for example — C:\OracleApps_DDL_Scripts)

```
C:\OracleApps_DDL_Scripts>dir
```

```
Volume in drive C is SQ004029P04
Volume Serial Number is 4CA2-D2EA
Volume Serial Number is 4CA2-D2EA
```

```
Directory of C:\OracleApps_DDL_Scripts
```

```
10/17/2008  01:31 PM    <DIR>          .
10/17/2008  01:31 PM    <DIR>          ..
10/17/2008  01:31 PM    <DIR>          Admin
10/17/2008  01:31 PM    <DIR>          Common
09/25/2008  03:23 PM                1,233 CreateAll.sql
09/25/2008  03:26 PM                1,189 DropAll.sql
10/17/2008  01:31 PM    <DIR>          Financial
10/17/2008  01:31 PM    <DIR>          Manufacturing
                2 File(s)          2,422 bytes
                6 Dir(s)  11,262,136,320 bytes free
```

3 For each of the following steps, connect to the Oracle database as the specified user and install the script in the Admin directory.**a. As the *SYSTEM* user with SQL Plus, execute the SQL script**

Run01_Create_TableSpace_as_User_SYSTEM.sql.

b. As the *APPS* user with SQL Plus, execute the SQL script *Run02_Create_Views_as_User_APPS.sql.***c. As the *APPS* user with SQL Plus, execute the SQL script**

Run03_Create_Synonyms_as_User_APPS.sql.

d. As the *APPS* user with SQL Plus, execute the SQL script

Run04_Create_Packages_as_User_APPS.sql.

e. As the *APPS* user with SQL Plus, execute the SQL script

Run05_Create_Synonyms_for_Views_as_User_APPS.sql.

f. As the *APPS* user with SQL Plus, execute the SQL script

Run06_Create_Synonyms_for_Synonyms_as_User_APPS.sql.

g. As the *APPS* user with SQL Plus, execute the SQL script

Run07_Create_Synonyms_for_Packages_as_User_APPS.sql.

h. As the *APPS* user with SQL Plus, execute the SQL script

Run08_Grant_Permission_to_Interface_Tables_as_User_APPS.sql.

- i. As the *APPS* user with SQL Plus, execute the SQL script**
Run09_Grant_Select_to_Concurrent_Manager_as_User_APPS.sql.
- j. As the *JCAPS* user with SQL Plus, execute the SQL script**
Run10_Create_Synonyms_for_Concurrent_Manager_Part1_as_User_JCAPS.sql.
- k. As the *APPS* user with SQL Plus, execute the SQL script**
Run11_Grant_Execute_to_Concurrent_Manager_as_User_APPS.sql.
- l. As the *JCAPS* user with SQL Plus, execute the SQL script**
Run12_Create_Synonyms_for_Concurrent_Manager_Part2_as_User_JCAPS.sql.
- m. As the *APPS* user with SQL Plus, execute the SQL script**
Run13_Grant_Insert_Select_to_Concurrent_Manager_as_User_APPS.sql.

When the installation of DDL Scripts is complete, all required Staging tables are created.