

Oracle® Java CAPS Release 6.3 Documentation Center

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Java CAPS Release 6.3 Documentation Center

This page contains links to current documentation for the Oracle Java Composite Application Platform Suite (Java CAPS), Release 6 Update 3.

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Installing, Administrating, and Monitoring Java CAPS

Getting Started

- Getting Started with Java CAPS
- Java Composite Application Platform Suite 6.3 Release Notes
- Java CAPS Component Names (for a comparison of 5.x and 6.x names)
- Oracle Java CAPS Security Guide

Installing and Upgrading

- Planning for Java CAPS Installation
- Using the Java CAPS 6 Installation GUI
- Using the Java CAPS 6 Installation CLI
- Installing Additional Components for Java CAPS 6.3
- Installing Third-Party JAR Files
- Java CAPS Domain and Runtime Installation
- Uninstalling Java CAPS 6.3
- Upgrading to Java CAPS 6.3
- Installing Patches for Java CAPS
- Upgrading to Java CAPS Master Index
- Migrating from eTL to Java CAPS Data Integrator

Administrating Classic Java CAPS

- Managing Java CAPS Users
- Administrating the Business Process Manager Database
- Maintaining Java CAPS Master Indexes (Repository)
- Using LDAP with Java CAPS
- Working With the EDM for Master Patient Index
- Working With the EDM for Master Index

Administrating JBI Components

- Administrating JBI Components for Java CAPS
- Configuring Java CAPS JBI Components for GlassFish Clustering

Administrating Java EE Based Components

- Working With the Master Index Data Manager
- Maintaining Master Indexes
- Analyzing and Cleansing Data for a Master Index
- Loading the Initial Data Set for a Master Index

Monitoring, Alerts, and Logging for Classic Java CAPS

- Using Enterprise Manager Management Application in Java CAPS
- Monitoring Java EE Components in Java CAPS
- Monitoring Java CAPS Business Processes
- Java CAPS Management and Monitoring APIs
- Alert Codes for Java CAPS Adapters
- Alert Codes and Error Messages for Java CAPS Master Indexes (Repository)
- Alert Codes and Error Messages for JBI Components

Troubleshooting

- Troubleshooting Java CAPS Design-time Components

Classic Java CAPS Core Components

Enterprise Service Bus

- [Getting Started with Java CAPS](#)
- [Developing Java CAPS Projects](#)
- [Creating a Runtime Environment](#)
- [Deploying Java CAPS Projects](#)
- [Defining Constants and Variables](#)
- [Using LDAP with Java CAPS](#)
- [Configuring Java CAPS for SSL Support](#)
- [WebLogic Server Components for Java CAPS](#)
- [Managing Java CAPS Users](#)
- [Monitoring Java EE Components](#)

Business Process Manager

- [Designing Business Processes in the Business Process Manager](#)
- [Configuring Java CAPS Business Processes](#)
- [Administering the Business Process Manager Database](#)
- [Using the Business Process Manager Worklist Manager for User Activities](#)
- [Configuring Java CAPS Business Process Manager Environment Components](#)
- [Monitoring Java CAPS Business Processes](#)
- [Understanding the Business Rules Method Palette](#)

Master Index (Repository)

- [Developing Java CAPS Master Indexes \(Repository\)](#)
- [Configuring Java CAPS Master Indexes \(Repository\)](#)
- [Maintaining Java CAPS Master Indexes \(Repository\)](#)
- [Working With the EDM for Java CAPS Master Index](#)
- [Configuring Master Index \(Repository\) Connectivity and Environments](#)
- [Deploying Master Indexes \(Repository\)](#)
- [Understanding Java CAPS Master Index Configuration Options \(Repository\)](#)
- [Understanding Java CAPS Master Index Processing \(Repository\)](#)
- [Understanding the Java CAPS Match Engine](#)
- **Master Patient Index**

Note – Most of the documents for Master Index (listed above) also pertain to Master Patient Index. The following documents are specific to Master Patient Index.

- [Developing Master Patient Indexes](#)
- [Working With the EDM for Master Patient Index](#)

JMSJCA

- In your Java CAPS installation at *CAPS_Home* \appserver\addons\caps\readme\ sun-jms-adapter-readme.html
- [Deploying Java CAPS JMSJCA on WebLogic](#)

STCMS

- [Configuring JMS Clients for Java CAPS](#)
- [Java CAPS JMS Reference](#)

Java CAPS Adapters and Message (OTD) Libraries

General Information on Adapters

- Installing Additional Components for Java CAPS 6.3
- Configuring Adapter Connectivity Map Properties
- Using the Environment Properties Editor
- Importing Non-JBI Based Java CAPS Sample Projects
- Deploying Java CAPS Projects
- Alert Codes for Java CAPS Adapters

Adapter for Batch/FTP

- Java CAPS Adapter for Batch User's Guide
- Java CAPS Adapter for Batch Tutorial

Adapter for CICS

- About Java CAPS Adapter for CICS
- Installing Third-Party JAR Files for the CICS Adapter
- Configuring CICS Adapter Connectivity Map Properties
- Configuring CICS Adapter Environment Properties

Adapter for COM/DCOM

- About Java CAPS Adapter for COM/DCOM
- Creating a New COM and DCOM OTD
- Configuring COM/DCOM Adapter Environment Properties
- Adding the DLL file to the Path for the COM/DCOM Application Server Process

Adapter for DB2 Connect

- About Java CAPS Adapter for DB2 Connect
- Installing Third-Party JAR Files for the DB2 Connect Adapter
- Creating a Database OTD
- DB2 Connect Adapter Inbound Connectivity Map Properties
- DB2 Connect Adapter Outbound Connectivity Map Properties
- Configuring DB2 Connect Adapter Environment Properties
- Using DB2 Connect Operations

Adapter for DB2

- About Java CAPS Adapter for DB2 Universal Database
- Creating a Database OTD
- DB2 Adapter Inbound Connectivity Map Properties
- DB2 Adapter Outbound Connectivity Map Properties
- Configuring DB2 Adapter Environment Properties
- Using DB2 Operations

Adapter for e-Mail

- About Java CAPS Adapter for e-Mail
- Configuring e-Mail Inbound Adapter Connectivity Map Properties
- Configuring e-Mail Adapter Environment Properties

Adapter for File

- About Java CAPS Adapter for File
- File Adapter Components
- File OTD Operations
- Configuring File Adapter Inbound Connectivity Map Properties
- Configuring File Adapter Outbound Connectivity Map Properties
- Configuring File Adapter Environment Properties

Adapter for HTTPS

- About Java CAPS Adapter for HTTPS
- Understanding the HTTPS OTD
- Configuring HTTPS Adapter Connectivity Map Properties
- Configuring HTTPS Adapter Environment Properties
- Using the OpenSSL Utility for the LDAP and HTTPS Adapters

Adapter for IMS

- About Java CAPS Adapter for IMS
- Configuring IMS Adapter Connectivity Map Properties
- Configuring IMS Adapter Environment Properties

Adapter for Informix

- About Java CAPS Adapter for Informix
- Creating a Database OTD
- Informix Adapter Connectivity Map Properties Configuration
- Configuring the Informix Adapter Environment Properties
- Informix Adapter External System Properties

Adapter for JDBC/ODBC

- About Java CAPS Adapter for JDBC/ODBC
- Creating a Database OTD
- JDBC/ODBC Adapter Connectivity Map Properties Configuration
- Configuring JDBC/ODBC Adapter Environment Properties
- Configuring JDBC/ODBC Drivers
- Using JDBC/ODBC Operations

Adapter for LDAP

- About Java CAPS Adapter for LDAP
- Configuring LDAP Adapter Connectivity Map Properties
- Configuring LDAP Adapter Properties
- Using the OpenSSL Utility for the LDAP and HTTPS Adapters

Adapter for MSMQ

- About Java CAPS Adapter for MSMQ
- Configuring MSMQ Adapter Inbound Connectivity Map Properties
- Configuring MSMQ Adapter Outbound Connectivity Map Properties
- Configuring MSMQ Adapter Environment Properties
- Installing the MSMQ DLL and JNI Files

Adapter for Oracle Applications

- About Java CAPS Adapter for Oracle Applications
- Building an Oracle Applications Custom Pre-Validation Package
- Creating an Oracle Applications OTD
- Exposed Oracle Applications OTD Nodes
- Configuring Oracle Applications Adapter Connectivity Map Properties
- Configuring Oracle Applications Adapter Environment Properties

Adapter for Oracle

- About Java CAPS Adapter for Oracle
- Creating a Database OTD
- Oracle Adapter Inbound Connectivity Map Properties
- Oracle Adapter Outbound Connectivity Map Properties
- Configuring Oracle Adapter Environment Properties
- Using Oracle Operations
- Using the Oracle Wizard and JCA Adapter Tooling with an EJB Project

Adapter for PeopleSoft

- About Java CAPS Adapter for PeopleSoft
- Configuring the PeopleSoft Server for the PeopleSoft Adapter Projects
- Generating DTDs from PeopleTools 8.13
- Configuring PeopleSoft Adapter Connectivity Map Properties
- Configuring the PeopleSoft HTTP Client Adapter Environment Properties

Adapter for SAP ALE

- About Java CAPS Adapter for SAP ALE
- Installing Third-Party JAR Files for the SAP Adapters
- Creating a SAP ALE OTDs Wizard
- Configuring Secure Network Communications for SAP

Adapter for SAP BAPI

- About Java CAPS Adapter for SAP BAPI
- Installing Third-Party JAR Files for the SAP Adapters
- Creating SAP BAPI OTDs
- Configuring SAP BAPI Adapter Connectivity Map Properties
- Configuring SAP BAPI Adapter Environment Properties
- Configuring Secure Network Communications for SAP
- Configuring SAP R/3 for the SAP BAPI Adapter

Adapter for Siebel EAI

- About Java CAPS Adapter for Siebel EAI
- Installing Third-Party JAR Files for the Siebel EAI Adapter
- Creating Siebel EAI OTDs
- Siebel EAI Adapter Connectivity Map Properties
- Configuring the Siebel EAI Adapter Environment Properties
- Configuring Siebel EAI Workflows

Adapter for SNA

- About Java CAPS Adapter for SNA
- SNA Object Type Definitions (OTDs)
- Configuring SNA Inbound Adapter Connectivity Map Properties
- Configuring the SNA Adapter Environment Properties
- Importing an SNA Custom Handshake Class

Adapter for SQL Server

- About Java CAPS Adapter for SQL Server
- Creating a Database OTD
- SQL Server Adapter Inbound Connectivity Map Properties
- SQL Server Adapter Outbound Connectivity Map Properties
- Configuring SQL Server Adapter Environment Properties
- Using SQL Server Operations

Adapter for SWIFT Alliance Gateway

- About Java CAPS Adapter for SWIFT Alliance Gateway
- SWIFT Alliance Gateway Adapter OTD Features
- Configuring SWIFT Alliance Gateway Adapter Connectivity Map Properties
- Configuring the SWIFT Alliance Gateway Adapter Environment Properties
- SWIFT Alliance Gateway Adapter Environment Properties

Adapter for Sun Java System Application Server

- About Java CAPS Adapter for Sun Java System Application Server
- Creating a Web Server OTD
- Sun Application Server Adapter Connectivity Map Properties
- Configuring Sun Application Server Adapter Environment Properties
- Specifying JNDI Names with the Sun Java System Application Server Adapter

Adapter for Sybase

- About Java CAPS Adapter for Sybase
- Creating a Database OTD
- Sybase Adapter Connectivity Map Properties
- Configuring the Sybase Adapter Environment Properties
- Using Sybase Operations

Adapter for TCP/IP

- About Java CAPS Adapter for TCP/IP
- Configuring TCP/IP Adapter Inbound Connectivity Map Properties
- Configuring TCP/IP Adapter Outbound Connectivity Map Properties
- Configuring TCP/IP Adapter Environment Properties

Adapter for TCP/IP HL7

- Adapter for TCP/IP HL7 User's Guide
- Java CAPS Message Library for HL7 User's Guide

Adapter for VSAM

- About Java CAPS Adapter for VSAM
- Installing Third-Party JAR Files for the VSAM Adapter
- Creating a Database OTD
- VSAM Adapter Outbound Connectivity Map Properties
- Configuring VSAM Adapter Environment Properties
- Using VSAM Operations

Adapter for WebLogic

- [About Java CAPS Adapter for WebLogic](#)
- [WebLogic Adapter Connectivity Map Properties](#)
- [Configuring WebLogic Adapter Environment Properties](#)
- [Creating a Web Server OTD](#)
- [Specifying JNDI Names for WebLogic Adapter](#)
- [Configuring WebLogic for Asynchronous Communications](#)

Adapter for WebSphere MQ

- [About Java CAPS Adapter for WebSphere MQ](#)
- [Installing Third-Party JAR Files for the WebSphere MQ Adapter](#)
- [WebSphere MQ Adapter Connectivity Map Properties](#)
- [Configuring WebSphere MQ Adapter Environment Properties](#)
- [Creating the WebSphere MQ Queue](#)
- [Using SSL With the WebSphere MQ Adapter](#)

Message (OTD) Libraries

- [Java CAPS Message Library for HL7 User's Guide](#)
- [Java CAPS SWIFT Message Library User's Guide](#)
- [UN/EDIFACT Message Library User Guide](#)

Note – The ASC X12 and HIPAA Message Library user's guides have not been updated for the Java CAPS 6.2 release. However, the reference information continues to be relevant to the 6.2 release. You can find these documents here: <http://download.oracle.com/docs/cd/E19398-01/index.html>

Java CAPS JBI Components

Binding Components

- [Understanding the Database Binding Component \(User's Guide\)](#)
- [Using the Database Binding Component \(Tutorial\)](#)
- [Java CAPS Email Binding Component User's Guide](#)
- [Using the File Binding Component in a Project \(User's Guide\)](#)
- [Using the File Binding Component \(Tutorial\)](#)
- [Understanding the FTP Binding Component \(User's Guide\)](#)
- [Using the FTP Binding Component in a Project \(Tutorial\)](#)
- [Java CAPS HL7 Binding Component User's Guide](#)
- [Using the HTTP Binding Component \(User's Guide\)](#)
- [Processing an Order in a Purchase Order System \(HTTP BC Tutorial\)](#)
- [Using the JMS Binding Component \(User's Guide\)](#)
- [Understanding the LDAP Binding Component \(User's Guide\)](#)
- [Using the LDAP Binding Component in a Project \(Tutorial\)](#)
- [Java CAPS REST Binding Component User's Guide](#)
- [Using the Scheduler Binding Component \(User's Guide\)](#)

Administrating JBI Components

- [Administering JBI Components for Java CAPS](#)
- [Migrating from eTL to Java CAPS Data Integrator](#)

Service Engines

- [Using the BPEL Designer and Service Engine \(User's Guide\)](#)
- [Designing Data Integrator Projects](#)
- [Designing Intelligent Event Processor \(IEP\) Projects](#)
- [Java CAPS Intelligent Event Processor Service Engine Tutorial](#)
- [Using the Java EE Service Engine in a Project \(User's Guide\)](#)
- [Using the Java EE Service Engine to Create a Composite Application \(Tutorial\)](#)
- [Java CAPS POJO Service Engine User's Guide](#)
- [Java CAPS Worklist Manager Service Engine User's Guide](#)
- [Java CAPS XSLT Service Engine Tutorial](#)

JBI Wizards and Editors

- [Using the JAXB Wizard and Code-Seeder Palette \(User's Guide\)](#)
- [Using the JMS JCA Wizard \(User's Guide\)](#)
- [Using the WSDL Editor \(User's Guide\)](#)
- [Using the XSLT Editor \(User's Guide\)](#)

Designing with JBI Components

- [Custom Encoders User's Guide](#)
- [Java CAPS COBOL Copybook Encoder User's Guide](#)
- [Designing with Java CAPS JCA Adapters](#)

Java CAPS Java EE Components

Java CAPS Master Index

- Java CAPS Master Data Management Suite Primer
- Developing Java CAPS Master Indexes
- Configuring Java CAPS Master Indexes
- Maintaining Java CAPS Master Indexes
- Analyzing and Cleansing Data for a Master Index
- Loading the Initial Data Set for a Java CAPS Master Index
- Working With the Master Index Data Manager
- Understanding Java CAPS Master Index Configuration Options
- Java CAPS Master Index Processing Reference
- Understanding the Master Index Standardization Engine
- Understanding the Master Index Match Engine

- Upgrading to Java CAPS Master Index
- Broadcasting Master Index Updates to External Systems

JCA Adapters

- Designing with Java CAPS JCA Adapters
- Using the Java CAPS TCP/IP JCA Adapter
- Using Database Operations
- Using the JMS JCA Wizard
- Deploying JMSJCA on WebLogic

Using the HL7 JCA Adapter

Tools

- Using the JAXB Wizard and Code-Seeder Palette

Monitoring

- Monitoring Java EE Components

Multimedia and Training Resources

Screencasts

- Installing Java CAPS 6
- Core Repository Product Samples
- Telco-Focused Reference Architecture Using Java CAPS 6
- Java CAPS 6 Web Services Integration With ILOG JRules 6.7 (Part 1)
- Java CAPS 6 Web Services Integration with ILOG JRules 6.7 (Part 2)
- Java CAPS 6 Web Services Integration with ILOG JRules 6.7 (Part 3)
- Java CAPS 6 Web Services Integration with ILOG JRules 6.7 (Part 4)
- Introduction to GlassFish ESB

Narrated Presentations

- What's New in Java CAPS 6
- Application Configuration in Java CAPS 6

- Management and Monitoring
- Connecting Back-end Systems from Java CAPS 6 using Java Connector Architecture (JCA) Adapters

- JBI Architecture in Depth (Part 1)

- JBI Architecture in Depth (Part 2)

- JBI and SCA

Tutorials and Samples

- <http://java.net/projects/javacaps-samples/pages/Home> provides access to both repository-based and JBI-based Java CAPS sample projects.
- Java CAPS Adapter for Batch Tutorial
- Java CAPS Adapter for DB2 Tutorials
- Java CAPS Adapter for Oracle Tutorials
- Java CAPS Adapter for SQL Server Tutorials
- Getting Started With Java CAPS Master Patient Index
- Java CAPS Adapter for TCP/IP HL7 Tutorial

Additional Documentation

API Documentation

Javadocs for all Repository-based components can be viewed or downloaded from the following location:

- [Oracle Java CAPS Javadoc Library](#)

Java CAPS Wiki and Grok

A collection of official and community-created Java CAPS information and blogs.

- <https://wikis.oracle.com/display/JavaCAPS/Home>

Java CAPS 5.1.3, 5.1.2, and 5.1.1 Documentation

- <http://download.oracle.com/docs/cd/E19336-01/index.html>

Java CAPS Documentation for Prior Releases

Previous Java CAPS Documentation Collections can be found at the [Legacy Java CAPS Documentation Site](http://www.oracle.com/technetwork/documentation/java-caps-193455.html) (<http://www.oracle.com/technetwork/documentation/java-caps-193455.html>)

GlassFish ESB Documentation

Documentation for GlassFish ESB can be found at [GlassFish ESB Docs](#)

NetBeans IDE Documentation

Documentation for NetBeans IDE can be found at [NetBeans Documentation, Training, & Support](#)

GlassFish Documentation

Documentation for GlassFish Application Server can be found at [GlassFish Documentation Wiki](#)