

Day Four

❖ BPEL 2.0 Business Processes

- ❖ Introduction
- ❖ Creating XSDs
- ❖ Creating WSDLs
- ❖ Creating a BPEL 2.0 business process
- ❖ Setting persistence in a BPEL business process
- ❖ Creating composite applications
- ❖ Deploying composite applications

Day Five

❖ JBI Administration

- ❖ The GlassFish Admin console
- ❖ Working with Log Files
- ❖ Using command line tools
- ❖ Managing Composite applications, deploying and undeploying
- ❖ Managing JBI components
- ❖ Binding Components
- ❖ Service Engines

➤ Skills Gained

- Develop JCAPS 6 projects to an Intermediate level
- Develop solutions using Repository components
- Develop solutions using JBI components
- Understand Business Process Management in the Repository and JBI environments
- Gain an understanding of advanced JCAPS 6 topics
- Understand HL7
- Develop healthcare solutions using HL7

For further information or to book this course, please contact:

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**ReStart Consulting
Educational Services**



**Java CAPS 6
for
Healthcare Course**

**5 Day Instructor-led
Course**



➤ Course Description

- Java CAPS 6 for Healthcare is an intensive 5 day hands-on course.
- Students will gain a solid foundation in JCAPS 6 to an intermediate level whilst gaining an appreciation for more advanced topics.
- The course takes a very practical approach to JCAPS 6 with instructor-led demonstrations and real world exercises.
- Focuses on Repository and JBI development
- In particular the course takes an in-depth look at HL7 and JCAPS 6 healthcare solutions .
- At the end of the course Students will be able to design and develop sophisticated JCAPS 6 projects, understand HL7 and use JCAPS 6 to provide healthcare solutions.

➤ Who Can Benefit

- The course is aimed at software developers who want to gain a practical understanding of JCAPS 6 and how it can be used in healthcare.

➤ Prerequisites

- The student will have a basic understanding of Integration and Java.

Day One

❖ Overview of Java CAPS 6

- ❖ Java CAPS Products
- ❖ Java CAPS Toolset
- ❖ Overview of Development Options
- ❖ Repository
- ❖ JBI
- ❖ J2EE
- ❖ Differences between ICAN and JCaps

❖ Installation of Java CAPS

- ❖ Windows installation
- ❖ Installing Repository Components
- ❖ Installing JBI components

❖ Repository Development Project Components

- ❖ Object Type Definitions
- ❖ eWays
- ❖ Collaborations
- ❖ JMS IQ Manager
- ❖ Connectivity Maps
- ❖ Pre-built components

❖ Deploying a Repository Project

- ❖ Creating an Environment
- ❖ Logical Host
- ❖ Application Server
- ❖ JMS IQ Manager
- ❖ External Systems
- ❖ Creating a Deployment Profile
- ❖ Deploying a project

Day Two

❖ Repository Monitoring and Administrative Capabilities

- ❖ Using the Enterprise Manager
- ❖ Monitoring repository components
- ❖ Monitoring JMS queues/topics

❖ Repository Object Type Definitions

- ❖ Purpose of an OTD
- ❖ Types of OTD
- ❖ Pre-built OTDs
- ❖ Creating user-defined OTDs

❖ Repository Collaboration Definitions

- ❖ Creating Java Collaborations
- ❖ Using the Java Collaboration Editor
- ❖ Exception Handling
- ❖ Logging and alerting capabilities

Day Three

❖ Repository Database Connectivity

- ❖ Creating database OTDs
- ❖ Writing Java Collaboration rules to interact with databases
- ❖ Working with tables/views, stored procedures, prepared statements

❖ SUN Business Process Manager

- ❖ Overview of Business Processes
- ❖ Components of a business process
- ❖ Monitoring capabilities

❖ Java Business Integration

- ❖ The JBI Components
- ❖ Binding components
- ❖ Service engines
- ❖ Normalised message router
- ❖ JBI bridge

