

IMS Java for Java Programmers

IMS052

Duration: 3 Days
Type: Classroom & Exercise
Price: € 1.180
Handouts: english
Audience: Java Programmers who want to do IMS Java application programming, IMS transactions, DL/I and DB2 database access from Java



Prerequisites

- Understanding of data processing and operating systems
- Use of GUIs. Basic Java experiences
- JCL and TSO Basic knowledge would be helpful, IMS knowledge is not needed

Objectives

Learn about IMS Basics, that are required to understand IMS Java. Write IMS Transactions in Java, that access a sample DL/I Database and a sample DB2 database.

- Know where IMS is used
- Describe the basic concepts of messages, queues and logical terminals, TPIpes
- Explain different IMS program types and regions
- Understand IMS Transaction Processing
- Set up an IMS Java project with Eclipse, what is required to write and test applications
- Write an IMS Transaction program in Java
- Know the basics of a hierarchical DL/I database
- Know which steps are necessary to set up a simple IMS database
- Access an IMS Database using IMS Java
- Access a DB2 Database using IMS Java
- Know the differences between conversational and non-conversation IMS transactions
- Define an IMS System programmer what you need to write IMS transactions in Java
- Know the places in the IMS Systems that refer to IMS Java configuration
- Identify the roles of IMS Connect when accessing transactions using TCP/IP
- Find the resources required to use features, such as Java/COBOL interoperability

Content

- IMS Basics
- IMS Java Classes Overview DB/DC
- Setting up Eclipse for use with IMS Java and IMS Connector for Java
- Write a simple IMS Transaction in Java
- Test an IMS transaction from a terminal or Java program
- Create a DL/I sample database
- Access a DL/I database from IMS Java
- Access a DB2 database from IMS Java
- COBOL/Java interoperability and accessing an EJB from IMS Java (if time)

Online Registration:



education@ims-society.org

Registration Form:



www.ims-society.org