

# Java Training: Enterprise Application Data Integration (JINTEG, 4 jours)

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## Description

The course Enterprise Application Data Integration (Java Training) introduces Java programmers to Enterprise Application Integration and B2B. Starting with the basic concepts, the course provides practical, hands-on training in XML, DTD & Schemas. The training includes writing Enterprise Java Connectors that bridge legacy systems with modern application servers. You also learn about key architecture & performance considerations. Tools to assist in building, debugging and deploying integrated application are covered.

## Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### Enterprise Application Integration

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Process Overview

The Need for Enterprise Application Integration

B2B Business Integration

XML's Role

XSL's Role

XML Web Services

JEE Connectors

Bridges

The Integration Server

### Document Definitions and Transformations

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Application Integration Overview

Designing XML Schemas

Designing DTDs

Defining Data Transformations: XSL and XQuery

Using XML Beans

Using Message Format Language

Flat File Transformations: CSV, EDIFACT, TSV, positional, etc

Web Service Description Language (WSDL)

### Server Specific XML Features

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XML Components Overview

Fast Parser

XML Registry

XPath Pattern Matching

XML Editors

### Web Services

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Web Services Overview

SOAP, WSDL and UDDI

Web Services Architecture

Tools and Utilities

Creating Web Services with Java

Creating Web Services with Stateless Session Beans

Creating Web Services with the IDE

Web Services Best Practices

## Workflows

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Workflow Overview

Node Types

Event Models

User Interactions

Parallel Workflows

## Legacy Integration with JEE Connectors

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JEE Connector Architecture

Java Connector Architecture

JEE Connector Architecture and the Enterprise

Enterprise Information Systems (EIS)

B2B Applications

## The JCA

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Working with Resource Adapters

Creating Resource Adapters

Client Applications

Third Party Connectors

Implementing Security

Implementing Transactions

Web Logic JEE-CA Configuration

Connector Packaging and Deployment

## Connectors and Bridges

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SAP Java Connector (jCo)

jCOM Java/COM Bridge

The Tuxedo Connector

Using RMI-IIOP

## Application Integration Implementation

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Integration Overview

The Producer-Consumer Paradigm

Application Integration Design Console

Custom Application Views

Application View Controls

XML Messages

## B2B Interacions

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Overview of B2B Interactions

Defining Trading Partners

Binding Management

Trading Partner Certificates

ebXML and RosettaNet

## Tools and Utilities

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Debugging

About Server Administration

About Integration Administration

JMX

ANT

## Deployment

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Deployment Overview

JEE Builder: Assembling and Deploying

Scripting Tasks

Enterprise Archives

Auto-deployment