

Kabira Transaction Platform Developer Program

BENEFITS

The Kabira Transaction Platform (KTP) gives the basis for building high speed transaction based systems and is the benchmark development environment within the industry. This blended learning program enables students to build and configure flows and channels which are the heart of any KTP application and continues with details on testing, versioning and administration.

The use of Web Based Training modules is an integral part of this program with much of the fine detail of the development languages is covered using this media. All topics are considered in depth with hands-on labs to reinforce topics taught in WBT and ILT theory sessions.

Course Goals

- To create, configure, test and deploy Kabira Transaction Platform applications
- To enable Students to become useful members of a KTP implementation team

A Clear Path to Technical Excellence

Kabira Training Program 280

Audience Software Developers

Prerequisites

- Thorough understanding of Object Oriented software principles and practices
- In depth knowledge of at least one OO language such as C++, Java

Course Duration 5 days

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Training Program 280 Objectives

On completion students will be able to:

- Describe the architecture of a Kabira Transaction Platform.
- Use the Kabira Integrated Development Environment (IDE) to create KTP flows including custom Rules and Consumers
- Use UML Action Language effectively in KTP applications
- Explain and use the KTP internal message format to create custom messages
- Carry out versioning of KTP flows
- Create runsets to start and stop KTP
- Configure and version KTP using configuration files
- Use switchadmin to manage and monitor KTP
- Extend switchadmin for a specific application using plugins
- Publish and subscribe to events sent from a KTP application
- Use Unit Test, switchtest and endpointsim to test a KTP application

MAJOR TOPICS

Self-paced eLearning modules

- Runtime architecture
- OO modelling in Kabira products
- Introduction to Action Language
- Introduction to IDLos (Interface Definition Language utilisation in Kabira products)

Classroom Instructor Led Training

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| ■ Review of underlying Runtime system architecture | ■ Channels |
| ■ Review of development processes and UML modelling utilisation | ■ Admin Service - Plugins |
| ■ KTP Architecture | ■ Configuration Service |
| ■ Message Flows | ■ Event Service |
| ■ Creating Consumers/Rules and Versioning Flows | ■ Admin Service - Runsets |
| | ■ Admin Service - Security |
| | ■ Testing Framework |
| | ■ End-point (Channel) Simulators |

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