Fi Training

VF072 Fidessa Infrastructure, Java Programming on the Server (2 Days)

About the Course

This course covers the Java class libraries supplied with the Fidessa Infrastructure and is designed for people who write and support Java based processes within the Fidessa infrastructure so that they can directly access the Real-Time Database as well as use the OpenAccess calls supplied by the Java OpenAccess Library.

If not only covers how to write such classes but covers how those classes are integrated into a Fidessa server.

The course also examines the different approaches to designing customised process inside a Fidessa environment and in particular focuses on how to assess if a specific need would be best served by a Tcl or Java solution.

Course objectives

On completing the course, the delegate will be able to:

- Select the type of project in a Fidessa environment suitable for a Java solution as opposed to a Tcl solution.
- State how Java processes are configured and set up on a Fidessa CASE system
- State the difference between the invocation of a batch program and a real-time program inside a Fidessa environment
- Set up an IDE environment in order to develop Java processes for a Fidessa CASE environment
- Create a Java class based in the Fidessa Java Framework.
- Create batch programs to access and extract data from the RTD
- Create real-time programs to access and extract data from the RTD
- Make your programs read and parse standard Fidessa configuration files
- Make your programs write to the Fidessa log files
- Make your programs check the Fidessa update queues
- Build a server process in Java as part of a Fidessa environment.

Who should attend

- Support personnel
- Implementers
- Java Program Developers

Course pre-requisites

- Fidessa Infrastructure Level I (VF028)
- Fidessa Infrastructure Level II (VF029)
- Ideally, OpenAccess API (FD045)

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	MORNING			LUNCH	AFTERNOON		
Day 1	Course Start Up	Java in the Fidessa infrastructure	Create a simple Fidessa process using an IDE		Scanning the RTD in Java using database keys	Batch programs accessing the RTD	
Day 2	Parsing configuration files	Using OpenAccess calls	Writing to log files		Real-Time Applications	Creating New Server Processes	Course Wrap Up & Close

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