

Fi Training

VF043 Fidessa Infrastructure, Tcl Server Scripting (2 Days)

About the Course

All Fidessa products are based on a standard infrastructure core based around a Real time Database.

Embedded in this is an industry standard scripting language Tcl; this generic language has been extended in the Fidessa servers to directly access the Real Time Database and to interface with Fidessa OpenAccess, which is Fidessa's API.

This course is about those extensions and will enable the delegate to write programs in Tcl on the server from simple scripts to fully function processes that become part of the Fidessa product itself.

The delegate will have the knowledge to implement major changes to the Fidessa system, redesigning existing processes or designing completely new ones to match the individual business needs of the customer. Most importantly the delegate will also know when and where modification of Fidessa is appropriate and safe.

Course objectives

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

- Describe the different types of customisation possible on a Fidessa server and state where it would be appropriate to use Tcl as a customisation method
- State how a Tcl script is called from a ProcessDetails file and the reasons for the method used.
- Write programs in Tcl on a Fidessa server that directly access the RTD
- Use the Tcl configuration file parsing and logging extensions
- Write programs using the Tcl extensions to interface with the OpenAccess protocols: Request/Reply, Query, Publisher, Reliable Data Stream and Transaction protocol.
- Make a Tcl program work with the State Controller and the Update Queue
- Modify standard Fidessa Tcl-based processes to give them additional business functionality.
- Build a custom Request/Reply server and build it into a Fidessa product.

Who should attend

Fidessa system developers, implementers and support.

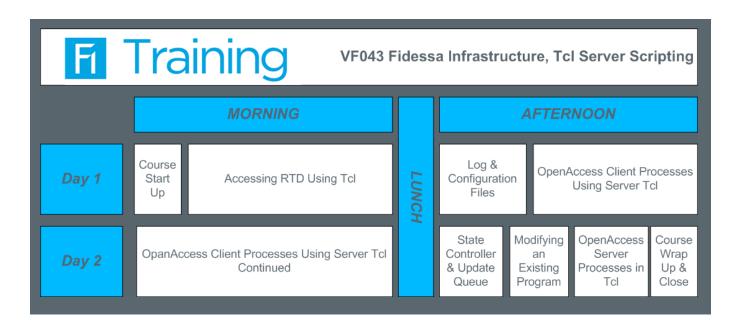
Course pre-requisites

- Fidessa Infrastructure Level I (VF028)
- Fidessa Infrastructure Level II (VF029)
- Fluency in Tcl gained by attending the "Introduction to Tcl" course or by having programmed in Tcl on other projects.
- Basic knowledge of OpenAccess gain from reading the OpenAccess Programmers Guide or by attending the OpenAccess course.





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