

F 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.



		VF043 Fidessa Infrastructure, Tcl Server Scripting				
		MORNING		AFTERNOON		
Day 1	Course Start Up	Accessing RTD Using Tcl		LUNCH	Log & Configuration Files	OpenAccess Client Processes Using Server Tcl
	Day 2	OpenAccess Client Processes Using Server Tcl Continued			State Controller & Update Queue	Modifying an Existing Program

Europe

Fidessa Training
 Dukes Court
 Duke Street
 Woking
 Surrey
 GU21 5BH
 United Kingdom

Tel: +44 (0)1483 716763
 Email: eu.training@fidessa.com

North America

Fidessa Training
 17 State Street
 41st Floor
 New York
 NY 10004-1501
 United States

Tel: + 1 212 269 9000
 Email: us.training@fidessa.com

Asia

Fidessa Training
 69th Floor
 The Center
 99 Queen's Road Central
 Central
 Hong Kong

Tel: + 852 2500 9500
 Email: ap.training@fidessa.com

Fidessa Training
 Annex 6th Floor
 Meiji Yasuda Seimei Bldg.
 2-1-1 Marunouchi
 Chiyoda-ku, Tokyo
 100-0005
 Japan

Tel: + 81 03 4550 1000
 Email: jp.training@fidessa.com