YOKOGAWA

FAST/TOOLS Architecture&Internal Structure

Objectives

System Integrators who want to get familiar with the internal structure of a FAST/TOOLS system and how to use and understand the FAST/TOOLS debuggers. Redundancy and distributed system concepts will be in the agenda as well. This lecture-based course combined with some lab exercises provides the opportunity to fully understand the architecture and internal structure of FAST/TOOLS.

Who should attend?

The course is meant for System Integrators who will tune, debug and integrate FAST/TOOLS with other systems.

Prerequisite knowledge

Good knowledge about configuring FAST/TOOLS. Good knowledge of computers and MS-Windows.

Programme

Day 1:

- The following subjects will explained: Introduction/ Relation to other tools/ Tool architecture/ Brick related information/ Functionality/ Architecture/ Process description/ Related documentation
- FAST/TOOLS overview
- FAST/CONVENTIONS
- Installation of FAST/TOOLS
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Day 2:

- BUS/FAST
- Durm connections
- DATABASE/FAST
- ITEM/FAST
- Time synchronisation
- EQUIPMENT/FAST
- HISTORY/FAST

Day 3:

- TERMINAL/FAST
- INTEGRATION
- Authorisation
- ALARM/FAST
- REPORT/FAST

Day 3:

- PROCESS/FAST
- Quick load
- COLOUR/FAST
- ACCESS/FAST
- AUDIT/FAST

Day 3:

- Redundant systems
- Distributed systems
- Error tracing
- Tuning

Duration

5 days

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