

Testing environments for embedded software - Automating the test of critical environment

ROI Guaranteed: Testing processes automation will lead to Quality cost reduction

Duration: 1 day.

The range of products that embedded software contains is quite wide, from safety critical systems (electronic interlocking, or air safety devices), industrial electronic devices (payment systems, measuring devices), to small but complex toys (Tamagochi).

This course is designed to demonstrate the existing testing methodologies, techniques and tools, and how to apply them to the embedded software field.

The course is aimed at computer professionals who work in the field of embedded software.

Course Contents

This course sets out the fundamental principles of software Testing, applied to embedded software. Delegates will be able to implement effective testing techniques in this environment.

- ✓ Special features of embedded software
- ✓ Criticality of embedded software systems. Need of Testing
- ✓ Methodologies that facilitate test automation in this environment
- ✓ Quality throughout the Product Life Cycle: Requirements Management, Design, Development, Validation, Verification, Integration and Acceptance Tests
- ✓ Real case study of Software techniques and tools

Previous Requisites: Embedded software development knowledge

Price: 370 €
Tutorial, course material and documentation included
Lunch included
VAT 16% not included