



Modeling, analysis and development methodologies

The complexity of computer systems led more and more to the use of standard tools to support their specification, design and development. These tools are based, where possible, on standard methods and languages .

Ac6-training offers training on the most common modeling language UML (*Unified Modeling Language*); these courses are tailored to the industrial and embedded systems environment and the specific needs of real-time applications.

We also offer training on management tools for the software development process, as *Eclipse*, *C8*, *Critical Systems Safety*, *Q*, and standards applicable to safety critical systems. Embedded systems are increasingly complex and therefore far less directly designed using existing schemes. This need to first create detailed architecture, control and plan their development and integration appropriately. This course will help address these phases efficiently and avoid common enterprise environment why software architecture is needed and how architecture processes can be implemented in an embedded environment. Real-time and embedded code, especially targeting multicore processors, cannot be effectively tested, it must be validated before running. This training helps you master the task and real-time by understanding, analyzing, and developing systems. RTOS designed to efficiently manage tasks in embedded applications. The Real-time Operating System course covers task scheduling, synchronization, and memory management. This course equips professionals with the skills necessary to develop reliable and efficient real-time systems. Ideal for developers with a basic understanding of real-time systems and programming. Inquiry 3 days