



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* and standards applicable to safety critical systems. Embedded systems are increasingly complex and therefore call for more directly designed using existing schemes. This need to first create a detailed architecture to control and plan their development and integration appropriately. This course will help address these phases efficiently and avoid common enterprise environment why days. Inquiry
Real-time and embedded code, especially targeting multicore processors, cannot be effectively tested, it must be validated before running. This course will help you master the task and realize your programming. One-core processors, understanding how to effectively solve problems using the primitives provided by the hardware. Operating systems, RTOS designed to efficiently manage tasks in embedded applications. This Real-time Programming and operating systems course covers task scheduling, synchronization, and memory management. This course equips professionals with the skills necessary to develop reliable and efficient real-time systems. Inquiry
enabling participants to design, implement, and debug robust embedded applications. 3 days Inquiry