



## 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 prepare for programming of real-time operating systems. RTOS designed to efficiently manage tasks in embedded applications. The Real-time Programming and essential tools 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  
Understanding of real-time systems and programming is a solid foundation in real-time OS development, enabling participants to design, implement, and debug robust embedded applications. 3 days Inquiry