Languages

Embedded and Real-Time Programming Languages

ac6-formation provides trainings on the various languages used in embedded systems. We propose courses on C, C++, Java and Python. Our coursse are tailored to the use of these languages in the embedded world context, with exercises targeting these environments.

You can see detailed course descriptions of the various trainings by using the above navigation bar. You can also click on course identifiers in the following course briefs hereafter.

oL2 - C Language for Embedded MCUs Learning how to program a Microcontroller (especially the Cortex-M based ones)
oL3 - Embedded C++ Programming The C++ Language for Embedded Systems
oL9 - Parallel programming with OpenCL Parallel programming with OpenCL-1.2
High Performance Computing (HPC) is more and more frequent in embedded systems, for graphics rendering, virtual reality of parallel computing. The OpenCL language allows to program in a more or less hardware-independent way complex parallel algorithms that will be able to run on various hardware platforms.
oL10 - Embedded Modern C++ Programming The Modern C++ Language for Embedded Systems
oL30 - Comprehensive C++ Language for Embedded Systems This course is the combination of oL3 - Embedded C++ Programming and oL10 - Embedded Modern C++ Programming course; it is intended for engineers that switch f