



## 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 course are tailored to the use of these languages in the embedded world context, with exercises targeting these environments.

STG STM32 + FreeRTOS + LWIP 5 days Inquiry  
Industrial Java 4 days Inquiry  
L2 C language for Embedded MCUs 4 days Inquiry  
Java for Android The Google Android system is becoming more prominent in the world of mobile devices and can be found both in the general public domain and in the industrial world. Programming Android applications requires a thorough knowledge of some advanced aspects of the Java language. This course covers these aspects without addressing the points not used on Android or covered in the Java language. Knowledge of issues addresses is a prerequisite for writing Android applications or to work on the source code of the Android platform.  
Real time vs a 3 days Inquiry  
OpenCL High Performance Computing OpenCL is an open standard for programming heterogeneous hardware platforms. It provides a hardware-independent way to write code that will be able to run on various hardware platforms. This course is the combination of the other two programming courses and especially targeting multi-core processors. It cannot be effectively tested, it must be validated before and embedded applications using the primitives provided by the underlying Operating System.  
V2 Advanced VHDL to FPGA 3 days Inquiry  
V3 Design With