



Porting, tailoring and programming Google's Android OS

The Android operating system, developed by Google and based on the Linux kernel, is used more and more frequently not only on smartphones but also for dedicated embedded devices, notably in the "Machine to Machine" market.

ac6-training proposes trainings on the porting of the operating system on your board and its tailoring to your specific needs, as well as creating embedded applications running on the Android system.

Installing Android on a new platform is a complex process. You need to port first the Linux kernel then install the Android system. This course will explain all the required steps, from building the kernel and the platform to creating a bootable image. It will also cover the boot process and creating test applications. This course is designed for embedded systems developers who want to port Android to a new platform. It covers the entire process, from kernel porting to application development. The course is divided into three parts: 1. Porting the Linux kernel to a new platform. 2. Installing the Android system on the new platform. 3. Creating test applications. The course is suitable for both beginners and experienced developers. It provides a deep understanding of the Android system and its components. The course is also suitable for developers who want to create custom Android applications. The course is delivered in a hands-on manner, with practical exercises and projects. The course is available in French and English. The course is 3 days long. The course is priced at 1500€.