

A blue square with a black border containing the word 'Linux' in a yellow, sans-serif font.

Installing, programming and writing drivers

Industrial applications are more and more often performed using an embedded version of Linux. In addition, the very specific environment in which run these systems sometimes make it necessary to adapt the Linux installation to the hardware environment.

Ac6-training trainings not only teach you how to build applications on embedded Linux, but also how to adapt the operating system to your hardware or environment when the need arises.

All our Linux trainings are using the integrated development environment System for Workbench Linux - Basic Edition, which is provided for free to all our students to enable them to continue, after the training, to work in a friendly, efficient and mastered environment.

We also offer (see the "[SysAdmin](#)" tab) a range of training to help you set up and administer a Linux infrastructure of workstations and servers. **oD0 - Linux User Mode Programming** Programming Embedded Applications under Linux

oD1 - Embedded Linux Installing Linux on Embedded Systems
Building and installing an embedded Linux platform

oD1Y - Embedded Linux using Yocto

This course is the combination of the [oD1 - Embedded Linux](#) course and [oY1 - Yocto Project Development](#) course, to learn what is an embedded linux system and how to create it with Yocto

oD3 - Linux Drivers (online Training) Writing Linux Drivers

This course covers the various techniques needed to write Linux (2.6 and 3.x) drivers, bus management (PCI. ..), hot-plug and auto-configuration of devices as well as the specific problems due to multi-core and advanced processors.

oY1 - Yocto Project Development Building a Linux Embedded image using Yocto
This course expects that you already are used to embedded Linux systems.

oY2 - Yocto Project Expert Advanced Yocto Project usage and adaptation

This course expects you to already know how to build a Linux platform using Yocto (see our [oY1 - Yocto Project Development](#) course)

oY12 - Comprehensive Yocto Project Usage

This course is the combination of the [oY1 - Yocto Project Development](#) course and [oY2 - Yocto Project Expert](#) course; it is intended for engineers that need to fully understand the Yocto build environment and be able to tailor it to their needs.