Drivers

Ecriture de drivers pour les OS embarqués et temps réel

L'écriture de drivers (ou pilotes de périphériques) est une activité très importante, et souvent critique, en environnement embarqué.

Nous proposons des cours adaptés aux spécificités du développement de drivers en environnement embarqué, avec des exercices utilisant, chaque fois que nécessaire, des environnement de développement croisés et des cartes cibles industrielles. D3 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. 4 days **Inquiry** D7 Power Management in Linux Drivers This course delves into the concepts of Linux drivers interaction with power management features of the Linux kernel. 2 days **Inquiry** D8 USB Linux Drivers This course details the Linux driver model, the USB hotplug and power management architecture to write USB host (client) drivers as well as gadget drivers. 3 days **Inquiry** SW1 System Workbench for Linux Installing Linux on an embedded system is a common yet often difficult task. Ac6 System Workbench was designed to make things easier and to be easily extended. This training presents you the architecture of Ac6 System Workbench and how to parameterize it to fit your needs. 1 day **Inquiry**