

Project PDSCE

The **PDSCE Project** (Embedded System Development Platform) aims to automate the development of embedded systems, allowing developers to concentrate on what matters, their applications. This project is based on the ADESD methodology proposed by Fröhlich to implement hardware and software components that can be automatically selected, adapted and plugged into an application-specific framework, thus ensuring the automatic generation of an application-oriented system. This system consists of a hardware platform implemented in terms of programmable logic and their support system run time (run-time support system) implemented in software (ie abstractions, hardware mediators, scenario adapters and aspects), as well as a set of tools to guide the automated system generation.