

Projectfiche

Projecttitel: APS4ES: Applications for Embedded Systems

Abstract

One of the spearheads of the Enterprise Programming research group focuses on Test-Driven Development of the software component for embedded systems (IWT / Tetra 090191). During several TDD4ES meetings with the EP-knowledge partners the need appeared for a reliable foundation for structural design of industrial relevant embedded systems. More specifically, the general in-practice development process does no longer meet the increased complexity of embedded systems. During the elaboration phase of this project, a couple of practical applications of embedded systems are realized, with all necessary attention towards documentation and quality assurance.

This way, manuals, best-practice procedures and bottlenecks are indicated when building and realizing embedded systems. Finally the concrete applications and manuals will form a base for support and development of course materials for the professional bachelor courses of Electronics-ICT and Electromechanics-Automation. In the scientific domain, this project is supported by FMTC (Flander’s Mechatronic Technology Centre), who supplies the definition of industrial relevant applications. FMTC represents the leading companies in the mechatronic industry in Flanders. Furthermore, the valorization partner, DSP Valley, supports the dissemination of the project results in their technology network.

Administratieve gegevens

Kennisinstelling / Departement	EP research group - KHBO Dept IW&T
Type project	KHBO/PWO (Projectmatig Wetenschappelijk Onderzoek)
Start datum	01/10/2010
Duur	24 maanden
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X Via presentatie

X Via poster