Spices project

Presentation of the Spices project

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Overview

- SPICES = Support for Predictable Integration of mission Critical Embedded Systems
- Context: European ITEA project
- Duration: 3 years
- Start: September 2006
Consortium

- France
  - Airbus (+ Ellidiss)
  - Axlog
  - CEA
  - Féria
  - Lester
  - Thales Avionics
  - Thales Com.
  - Verimag
- Belgium
  - Barco
  - Cetic
  - K. U. Leuven
  - Rhea
- Spain
  - Deimos
  - SQS
  - U. Cantabria
  - U. P. Madrid
- Israel
  - IAI
Workpackages (1/2)

- WP1: Multi-domain extended AADL
- WP2: Verification and validation techniques
- WP3: Component execution support
- WP4: Demonstration
- WP5: Dissemination and standardisation
Workpackages (2/2)

WP1: EXTENDED AADL

WP2: AADL MODELLING TOOL
- Component Descriptors (IDL3 & XML)
- Containers Code
- DEV TOOLS (Compiler / Link Edit)

WP3: Deployment Descriptors (XML)
- Application Codes (components)

AADL MODELLING TOOL
- Containers Code
- Deployment Descriptors (XML)

VALIDATION & VERIFICATION TOOLS

SYSTEMC GENERATOR
- SystemC Codes (components)

ADMINISTRATION

EXECUTION