THE VARIES PLATFORM - A PLATFORM FOR VARIABILITY IN SAFETY-CRITICAL EMBEDDED SYSTEMS

GOALS OF VARIES

VARIES aims to boost the competitiveness of the European ES industry through:

– Discovering what drives variability decisions
– Enabling variability information to be described and exchanged
– Improving variability management in safety-critical ES across the entire lifecycle

INDUSTRIAL OBJECTIVES

– Reusability by combining product lines and variability management
– More predictable and shorter time to market
– Improved productivity through reuse strategies adapted for ES
– Reduction of product engineering effort while delivering the functionality required and

REQUIREMENTS

– The existing normal development process needs to be supported
– Support for variability management needs to be added over all process phases
– Traceability needs to be supported
– Help for maintaining and assessing consistency needs to be supported

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