An ITEA Smart engineering project

BUMBLE

Next Generation Model-Driven Engineering across all domains

Project summary

Through the automatic generation and management of blended modelling environments from Domain-Specific Modelling Languages, BUMBLE (Blended Modelling for Enhanced Software and Systems Engineering) will enable seamless textual and graphical collaborative modelling, improving the development of complex multi-domain systems in intricate system evolution.

Consortium

Project duration

November 2019 - May 2023

Key results / Unique advantages

› Technology-agnostic engine for providing a cross-platform and language-independent real-time collaborative capabilities for already existing language and modeling workbenches

› HoTs for generation of synchronization/migration transformations

› DclareForMPS - Improved Dclare with BUMBLE functionalities in terms of collaboration features and blending capabilities.

Bumble technology with XTEXT and Safety Automotive CPS development

Contact

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