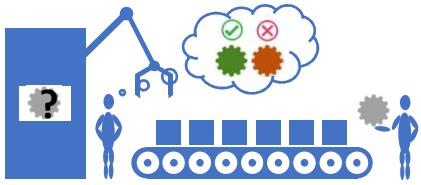
SafeCC4Robot

Safety Component Compositions for Robot

SafeCC4Robot aims at creating a methodology and tool support for creating components for robotics, ensuring safety at system level when those components are integrated.

Safety Component Contracts

Design of safe-aware compositional robotic systems



Extend the component development view with a contract-based approach to perform formal specification, validation and refinement of assumptions and guarantees under the compositional paradigm.

Safety Compositional Methodology

Safety compliance robotic systems methodology

Integrate safety methodology guidance into RobMoSys robotics development platform. It will allow to gather information from subsystems to correctly describe the compositional context and improve safety and standards compliance.

The SafeCC4Robot project is one of the Integrated Technical Projects (ITPs) that has been selected from the **RobMoSys** second open call.

RobMoSys
towards an EU Digital Industrial Platform for Robotics

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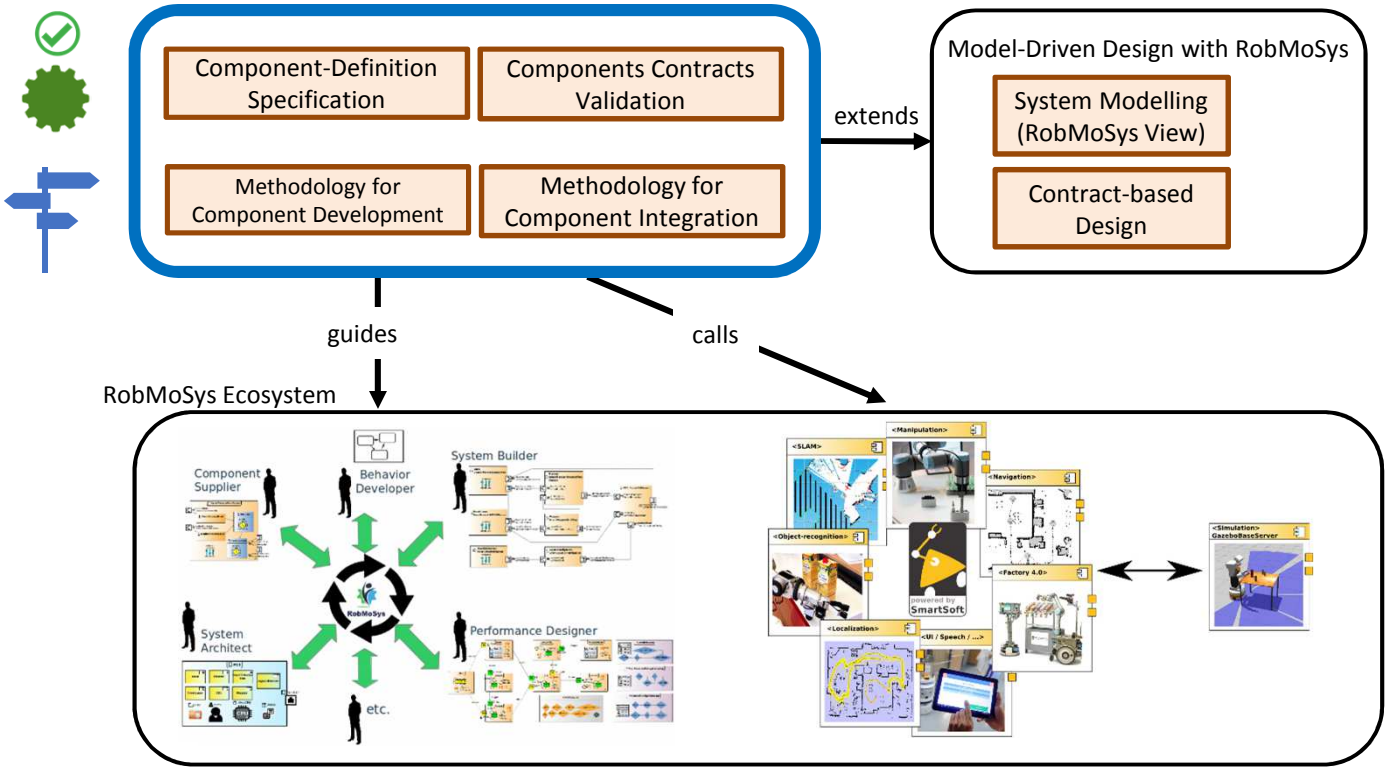
Overview



Tool-support

Compatible with Papyrus4Robotics

Methodology dashboard

Contract view

Contract definition and validation

Eclipse OpenCert for compliance monitoring

https://robmosys.eu/itp-2-2

@S4robot

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SafeCC4Robot
RobMoSys ITP
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