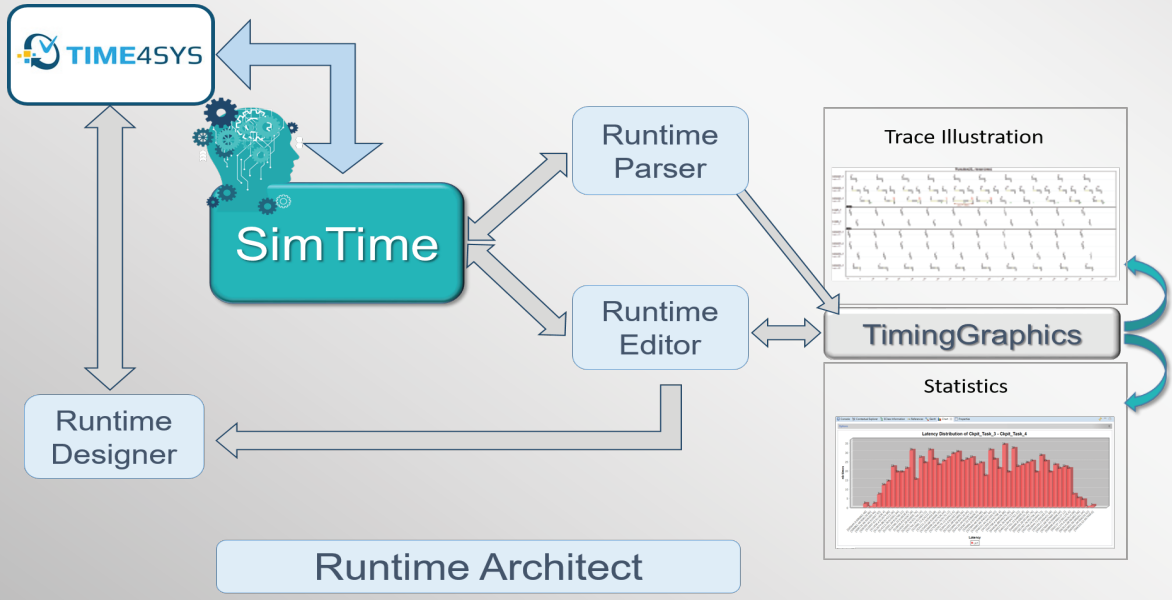
LINK SOFTWARE
INNOVATIVE IT SOLUTIONS

SimTime, a timing analysis and simulation solution for planning, optimizing and verifying the performance of real-time systems.

With SimTime, Link Software provides a tool to determine safe and precise timing bounds based on TIME4SYS models. SimTime facilitates timing design, optimization and verification for integrated control units, communication protocols and networked systems. The full potential of SimTime is obtained in combination with the Link Software tools, TimingGraphics and RunTime Architect. The seemless interfaces between the three tools offers capabilities for displaying and editing of runtime traces enabling developers and integrators to debug and verify their software and validate their timing models.



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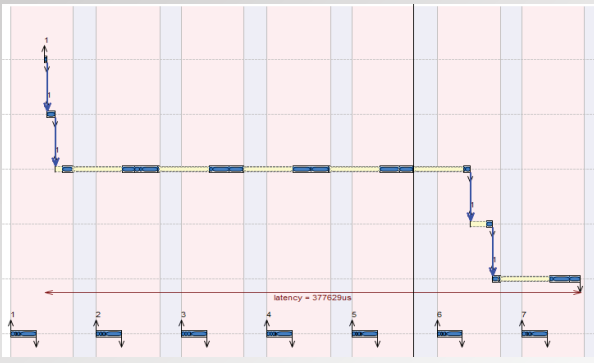
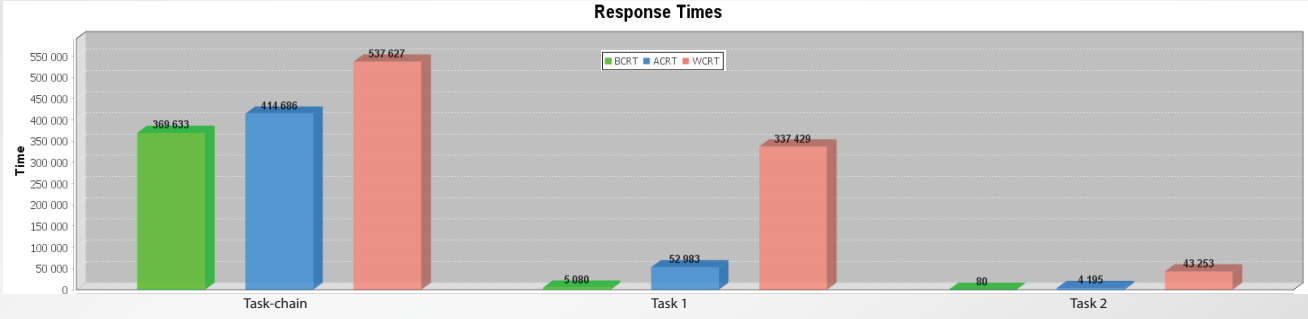
The SimTime capabilities have been proven in many timing and safety-critical projects in various industrial domains.

From system-concepts and early testing to timing debugging and verification, from software applications to complete systems, with SimTime you master real-time challenges throughout the development cycle.



SimTime computes safe upper bounds on the worst-case response times of tasks and end-to-end latencies of task chains precisely taking into account the processor architecture. It supports the architecture through all designand exploration phases.



Main features :

•Scheduling analysis and simulation, timing design for complex processor and network architectures.

•Visualisation, analysis, editing and replaying of runtime traces through the seamless integration with Timing Graphics and RunTime Architect.

You can develop your own analysis and simulation libraries and plug them to the analysis and simulation engines in SimTime to benefit from its capabilities to visualise, analyse, optimize and edit the resulting traces.

Written in JAVA

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