The Thin Kieler SyncCharts Editor (ThinKCharts)

Project Overview

Project Status:

- **CURRENTLY NOT UNDER ACTIVE DEVELOPMENT**
- **Successor Project: SCCharts (pre 1.0)**

Related Theses:

- Matthias Schmeling, *ThinKCharts – The Thin KIELER SyncCharts Editor*, September 2009 (pdf)

The Thin Kieler SyncCharts Editor (ThinKCharts) is an Eclipse-based SyncCharts modeling environment with advanced features such as structure-based editing, automatic layout and dynamic simulation visualization.

- SyncCharts Editor User Guide
- Simulation of SyncCharts using KlePto
- Customization of Automatic Layout

- ThinKCharts Implementation Internals
- Metamodels behind SyncCharts
- API documentation
  - especially see these packages for more documentation of the metamodels:
  - de.cau.cs.kieler.synccharts
  - de.cau.cs.kieler.core.annotations
  - de.cau.cs.kieler.core.expressions

- Downloads
  - Start with the KIELER Rich Client Application (RCA) Release 0.3. With this standalone application you can play with SyncCharts and get familiar with them.
  - Later, you can download Eclipse 3.6 and get the KIELER plugins into that via our update site. There you can then start to programmatically interface with KIELER.

KIELER ThinKCharts Editor in Simulation with KlePto

General

- **Documentation of SyncCharts:** C. ANDRÉ: Semantics of SyncCharts, Technical Report RR2003-24, ISRN I3S/RR-2003-24-FR, I3S, Sophia Antipolis, April 2003, 76 pages. http://www.i3s.unice.fr/%7Eandre/CA%20Publis/SSM03/RR200324.pdf
- **Documentation of Eclipse:** http://help.eclipse.org