

# Project Progress: A SyncChart-Editor based on Yakindu

## Agenda

- Get familiar with Yakindu SCT
- A comparison between KIELER SyncCharts and YAKINDU SCT (graphical representation)
- First Itemis Meeting
- A comparison between KIELER SyncCharts and YAKINDU SCT (textual description language)
- Second Itemis Meeting

## Get familiar with Yakindu SCT

**Start:** September 2012

**wah:** Reverse Engineering

## A comparison between KIELER SyncCharts and YAKINDU SCT (graphical representation)

**Start:** October 2012

- Generating a comparison table to show the difference between the KIELER SyncCharts and YAKINDU SCT graphical representation.  
See the wiki [Comparison of the graphical representation](#).
- Experimental source code changes on the YAKINDU SCT ([adapting the transition types](#) and [adding the initial and the final state option](#)).

**Presented at:**

- [Synchronous Meeting 10.10.2012](#) (bdu, cmot, ssm, wah)
- [Synchronous Meeting 15.10.2012](#) (bdu, cmot, ssm, wah)
- Tea Meeting 19.10.2012
- [Synchronous Meeting 22.10.2012](#) (cmot, ssm, wah)

## First Itemis Meeting

**Date:** 24.10.2012

**Participants:**

- cmot
- wah
- ssm
- anm (Itemis)
- axt (Itemis)

See [Meeting Protocol](#)

- **cmot:** KIELER SyncCharts
- **wah:** A comparison between KIELER SyncCharts and YAKINDU SCT (graphical representation) and experimental source code changes on the YAKINDU SCT ([adapting the transition types](#) and [adding the initial and the final state option](#))
- **cmot/itemis:** Wiki list of differences
- **itemis:**
  - How are valued signals defined? (next meeting)
  - Two possible ways to adapt the YAKINDU SCT Editor:
    - currently favored: dependency injection
    - alternatively: derived editor (old variant)
  - Time table will be evaluated (next meeting)

## A comparison between KIELER SyncCharts and YAKINDU SCT (textual description language)

**Start:** October/November 2012

- Generating a comparison table to show the difference between the KIELER SyncCharts and YAKINDU SCT textual description language.  
See the wiki [Comparison of the textual description language](#).

**Presented at:**

- [Synchronous Meeting 30.10.2012](#) (bdu, cmot, ssm, ima, wah)

## Second Itemis Meeting

**Date:** 02.11.2012

**Participants:**

- cmot
- wah
- bdu
- ssm
- ima
- anm (Itemis)
- axt (Itemis)

See [Meeting Protocol](#)

- **cmot:** Revision of the last meeting + Expression Examples
- **wah:** [A comparison between KIELER SyncCharts and YAKINDU SCT](#) (textual description language)
- **Itemis:**
  - Provided a pdf guide about the creation of a derived editor
  - Adaption of the SGraph: 6 Weeks (4 weeks at best)
  - Adaption of the expressions: a short period, because a framework is present