

2019-03-08 Semantics Meeting (als)

Meeting Details

- Moderator: ssm
- Minutes: als
- Attendees:
 - rvh
 - ssm
 - als
 - lgr
 - nre
 - cds
 - sdo
- Start: 9:41
- End: 10:54

Agenda

- [The Old C Stuff \(ssm\)](#)
- [KIELER Release \(als\)](#)

The Old C Stuff (ssm)

- Reactivated the (old) C code to SCCharts transformation
 - Adaptation to new infrastructure
 - New compilation system for C
 - State of 2016 Isola
- Separated C parsing and SCCharts transformation into processors
- Diagram synthesis for the C AST
- cds: Try Mr.Tree layout algorithm
- rvh enjoys the AST
- rvh: Investigate dataflow view/transformation of these programs, especially focusing on sequential dataflow
- Live testing of dataflow capabilities

KIELER Release (als)

- Keep both sct and sctx for downwards compatibility
- Keep alternatives for regions and transition orders for convenience
- Add Xtext grammar to SCCharts documentation
 - Additional hints
 - Imports reference other meta-models referenced in this grammar
 - Explain some rules to give general understating for the xtext grammar (first three rules)