

2021-01-29 KMeeting (als)

Meeting Details

- Moderator: als
- Protocol: als
- Attendees:
 - als
 - lgr
 - nre
 - rvh
 - ssm
 - dlu
 - David
- Start: 9:55
- End: 10:55

Agenda

- [Blech SCCharts \(dlu\)](#)
- [Google Maps for Models \(David\)](#)

Blech SCCharts (dlu)

- SCCharts are first generated structurally from the (potentially) stateful structures in the Blech program
- Example Stopwatch
- Now, optimizations are implemented:
 - 1. Hierarchy is flattened
 - Hierarchy of activities and cobegin currently still remains
 - 2. Immediate transient states are removed
- Still some minor bugs present (transition types, missing expressions)
- State labels should also be considered since they might be affected by optimization
- Planned improvements
 - Dead code, false transitions
 - State labels

Google Maps for Models (David)

- Automatic hiding of elements based on zoom
- Text is replaced by simple lines
 - The text color is not yet applied to the line
- Region names are enlarged
- Planned feature
 - Double click to fit selection to screen (rvh: low priority)
 - Fade effect when content is displayed
- rvh: Thresholds and other parameters should be configurable for the user
- nre: Added render options to disable google maps features to enable proper diagram export
- Scaling labels and hiding/replacing text is semantic dependent and cannot always be inferred
 - als: Klighd should provide a property to mark KTexts as node labels
- Performance issues with Sprotty rendering
 - rvh; this should have high priority