

Meeting Memo

Dependency analysis for Kactus2

Team meeting

Date: 13.2.2013, 12:30 – 13:15

Number of meeting: team meeting 5/2013

Place: Tampere University of Technology, Korkeakoulunkatu 1, room TB223

Participants: Joni-Matti Määttä (Project manager)
Mikko Honkonen (Project team member)
Tommi Korhonen (Project team member)

Meeting

1. Milestone meeting arranged with the assistant, tomorrow 14.2. at 13:00.
2. Current plugin interface is using a 64-bit integer for returning the hash value. SHA-1 algorithm produces a 160-bit value, so this is not suitable. The return value will need to be changed to Qstring. Otherwise hash calculation and dependency parsing is now done for C/C++.
3. Source directory dialog now opens and directories can be added and removed. No communication with the data model yet, this will need to be added.
4. Mikko will start work on the VHDL hash calculation and dependency scan. Hash calculation should be easy since most of the implementation can be copied from the C/C++ version (and even simplified), but dependency scan will be more difficult. Only entity name will be known, and entities of same name can be defined in multiple files.
5. Should all files be added to filesets when scanning? This could lead to unwanted files in the filesets. Perhaps an option to easily remove unwanted files if they are added. Discussion needed with the client.
6. More work will be required on the data model before work can start on the actual dependency graph. Joni-Matti will handle this.
7. Client meeting should be arranged for next week. Team meeting likely before or after the client meeting.

Decisions made

1. Behavior of adding files to filesets when scanning should be discussed with the client.

Actions to follow

1. Milestone meeting with assistant tomorrow at 13:00.
2. Plugin interface to be changed to return hash as a string instead of integer.
3. Data model implementation should be a priority to allow further work on the dependency graph.
4. Mikko will start implementing VHDL scanning algorithms.
5. Tommi will continue working on the source directory dialog.
6. Client meeting to be arranged for next week, team meeting likely on the same day.