

Meeting Minutes

Dependency analysis for Kactus2

Client meeting

Date: 22.2.2013, 12:30 – 13:15

Number of meeting: client meeting 1/2013

Place: Tampere University of Technology, Korkeakoulunkatu 1, room TH211

Participants: Timo D. Hämäläinen (Client)
Joni-Matti Määttä (Project manager)
Mikko Honkonen (Secretary)
Tommi Korhonen (Project team member)

Meeting

1. Reviewed current status of the project. Implementation is well underway and no problems encountered at this point.
2. Should all scanned files be added to filesets? This would lead to files such as automatically generated files, copies etc. being added to filesets, which isn't wanted. Most suitable approach would seem to be not adding files to filesets but providing that functionality otherwise.
3. What should be done with files that are in a fileset but not added in the source directories? These are currently ignored and will be left as such, but another approach could be implemented as future development.
4. Working hours are quite a lot lower than planned. However, this is more due to bad time estimates rather than lack of progress.
5. VHDL dependency parsing is a fairly complicated process. Client mentions there might be some script available at TUT for doing that which could at least be used as an example of the process. Joni-Matti will try to get hold of the script.
6. Discussion about the dependency scan process: Adding files should be done sequentially, after this the actual scan can start as a multithreaded process. Adding files should be a blocking process (preventing any other actions), scanning the dependencies should not.
7. The current state of the software demoed to the client, seems to be a good start for the software.
8. An idea for future development, or possibly for this project if time is left: Showing dependencies only from/to selected file (and any dependencies that chain through other files).
9. Meeting finished, next meeting as required. Likely in 2-3 weeks.

Decisions made

1. Files in filesets but not in source directories will not be scanned.
2. Dependency scan in two stages: sequentially adding files, then concurrent dependency scan.

Actions to follow

1. Work will continue on implementation.
2. Joni-Matti will try to get hold of VHDL dependency script to help with automatic VHDL dependency scan.
3. Feasibility of implementing filter for only showing dependencies from/to selected file should be researched.
4. No date set for the next meeting, this will need to be arranged later.