

Meeting Minutes



Focused Technical Project: CAD to ROS Milestone 1

Meeting Time: Wednesday, April 6, 2016

Meeting Venue: Teleconference

Attendees: Nicole Williams, Gijs van der Hoorn (TU Delft), Paul Hvass (SwRI), Patrick Beeson and Stephen Hart (TRACLabs), Shawn Schaerer (ModBot), Andrew Zelenak (UT NRG), John Michaloski (NIST)

Agenda:

- Intro to NIST – John
- Review meeting minutes from last week
- Discuss issue assignment(s) for NIST
- Discuss pull requests
- Discuss recruitment
- Open Discussion

Introduction to NIST - John Michaloski: At the suggestion of Fred Proctor, John Michaloski from NIST joined the call this week to represent NIST on the topic of STEP file conversion. John is a Computer Scientist with past STEP experience. Here is a [link to his NIST page](#).

Review meeting minutes: An incomplete sentence was noted in the previous minutes.

Discuss Issue Assignment for NIST: We proposed that NIST support issue #35, *Add support for loading STEP*. There was some discussion about which AP standard STEP files (203, 214, 238 (STEP NC), and 242) we would translate from. Gijs also provided a proposed set of algorithmic steps that could be taken to complete the assignment. John seemed committed to support this issue. Paul/Gijs offered to provide this [link to the webpage](#) that compares URDF/SDF/Collada.

Discuss Pull Requests: Over the previous period we began to see a higher rate of activity on the project with 6 commits during the previous period. There was hope that continued higher levels of activity could complete the open issues by the end of April. The group discussed whether to start implementing the generic back-end graph to replace URDF_dom. Gijs brought up some difficulties representing certain features of URDF in the generic graph. That task has been postponed in favor of near-term Milestone 1 objectives.

Action Items [open]: Request review of Gijs' PRs from Levi Armstrong.

Recruitment: Paul Hvass and Mirko Bordinon have responsibility to recruit programmers to help with the CAD to ROS project.

Action Items [open]: Hvass to invite students who are attending the April 6-8 training class to help with CAD to ROS.

Action Item [open]: Receive an update from Mirko about interested RIC-EU members.

Discussion: No additional discussion noted.