

Science Working Group Steering Committee Meeting - 20150617

Attendees: Jay Jay Billings (ORNL), Torkild Resheim (Itema), Andrew Ross (Eclipse Foundation), Greg Watson (IBM)

Absentees: Matt Gerring (DIAMOND Light Source)

1. Chair and Secretary Election

Discussion deferred until all steering committee members are present.

2. New Project Update

HDF-Java is partially approved pending a provenance check.

https://dev.eclipse.org/ipzilla/show_bug.cgi?id=8943 This only includes the parts of HDF-Java required by ICE, not the whole library, and it has been approved for check-in as part of the parallel IP process. There are currently no plans to submit this to Orbit since ideally the entire library would go into Orbit.

Chemclipse - On track.

Unnamed Viz Project ("Project Andrew") - Proposal soon. Could JAI-Ext play here?
(<https://github.com/geosolutions-it/jai-ext>)

Triquetrum - Brief update by Jay. Suggestion by Greg to get more of the workflow community involved. Get them involved during the proposal process.

3. IP Status for Existing Projects

ICE - On ORNL at this point. Need to remove JMonkeyEngine3 dependency. Also need to submit dual license (EPL/BSD) information to Technology PMC and the Board for C++ components.

Currently talking to L33TLabs about a JavaFX based replacement for JMonkeyEngine3. Alternatively, could provide an alternative update site where users can install the ICE Dependencies bundle after the fact. This will probably be needed anyway since ICE is going to start using Jython with EASE and numpy access in Jython is handled through a third party jar, JyNI. Both Jython and JyNI would not make it through the CQ process. Nor would PyDev.

This seems to be regular. Greg suggested that the broadness of Science is going to make this a constant problem.

What are the long term solutions to this problem? A streamlined Eclipse IP process? An Eclipse marketplace-style framework for 3D party dependencies? A separate forge?

DAWNSci - Andrew took a look at outstanding CQs. Also needs to talk to Matt Gerring about the plan going forward.

4. Website Updates

Gael Blondelle requested some screenshots or a gallery for Science projects. Andrew suggests that a project landing page would be better than just a gallery or set of screenshot. This is really valuable when getting people to check out the website.

- Maybe use a suitable gallery format with title, owner, screenshot(s) and link.
- Standardized size and format of screenshot to make it look better.

5. Recap of SNL Discussion

Mostly focused on issues surrounding joining the Foundation, creating projects, etc. Also discussed need for Eclipse Workflow project and getting involved on Triquetrum.

6. Top-Level Science Project

Waiting on Andrew to generate initial text. Need to get this done because of projects coming mature.

Workshop Update

Proposal for a “Workshop on Software Development Environments for High-Performance Computing” (<http://dehpc.org>) was accepted by PACT 2015. Conference information here: <https://sites.google.com/a/lbl.gov/pact2015>