Mantid PMB Meeting  
Minutes of Meeting 8  
29th May 2015, 1000-1200

Present from SNS: Garrett Granroth, Thomas Proffen (TP), Timmy Ramirez-Cuesta and Wenduo Zhou (secretary)

Present from ISIS: Ross Stewart, Toby Perring (TGP) (Chair), Debbie Greenfield, Nick Draper (PM) and Anders Markvardsen (TSC chair)

Present from ESS: Jon Taylor

# Links to reports

[www.github.com](http://www.github.com) is used for version control of documents. Note that when clicking on a link to a Word document, in most browsers, you will then need to download the document by clicking the ‘Raw’ button to the left of the ‘History’ button.

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| Minutes from last meeting | [https://github.com/mantidproject/documents/blob/master/Project-Management/PMB/Minutes/PMBMinutes29thJan15.docx](https://github.com/mantidproject/documents/blob/master/Project-Management/PMB/Minutes/PMBMinutes29thJan15.docx?raw=true) |
| PM report | <https://github.com/mantidproject/documents/blob/master/Project-Management/PMB/PM%20report%20to%20the%20PMB%2029%20May%202015.doc?raw=true> |
| Technical Steering Committee (TSC) report | <https://github.com/mantidproject/documents/blob/master/Project-Management/TechnicalSteeringCommittee/meetings/2015/TSC-meeting-2015-05-26.md> |

# Changes to the PMB

Wenduo Zhou replaced Anders Markvardsen as the secretary for the PMB.

# Minutes from the last meeting

PMB members agreed on the minutes from the last meeting, see the link above.

Some actions were confirmed to be complete, including 8.1, 8.2, part of 8.3, 8.5 and 8.6.

The status of the ongoing actions was updated and discussed as well.

**8.3 Distribute SNS and ESS requirement before next PMB**

See section *Facility Strategy* Discussion below.

**8.5 Determine what code in Mantid needs validation by scientific expert**

AM addressed this issue in TSC report.

**8.6 Create a user example for how to integrate non Mantid Code with Mantid**

AM addressed this issue in TSC report.

**8.7 Drive the adding of Mantid training material for direct inelastic scattering**

RS stated that the training material should get converged between SNS and ISIS.

**8.8 Drive the adding of Mantid training material for powder diffraction.**

TP reported that the training material would be ready in 2 to 3 months and be published on web.

**8.9 Have a Mantid forum in use a month before the next PMB**

ND reported that there were several issues that were encountered during the work on this task. More time was required to solve these issues.

# PM report

ND presented the PM report to PMB. The full PM report can be found via the link listed above.

ND went over the PM report including the minor change for design on Mantid, Mantid training, Jenkins, the status and issue of Windows build server, new build server in ESS, new Mantid release (3.4) and the migration from trac to Github issue before next release.

PMB endorsed the PM report.

# Technical Steering Committee (TSC) report

AM presented the latest TSC report to PMB, see the link above. He reported that ParaView4.3 was in release 3.4 and the support for OSX 10.8 was stopped. He informed PMB about the plan to change the Windows compiler to VS2015 (free community edition) and upgrade to Qt5 because the next release of ParaView only supports Qt5. He also talked about the new github workflow including pull request and GitHub Issues. Pull request is already in use. And it has been agreed on to replace [Mantid trac](http://trac.mantidproject.org/mantid/) by [Issue](https://guides.github.com/features/issues/)s, which is Github’s tracker to keep track of tasks, enhancements, and bugs for projects.

PMB pointed out that there was an urgent need to move to Github issue from trac and agreed that the moving should be started in 1 or 2 weeks in order to wait for report from ND.

**Complete actions from last minutes**

AM reported the status of actions 8.5 (determine what code in Mantid needs validation by scientific expert) and 8.6 (create a user example for how to integrate non Mantid code with Mantid). PMB agreed that these two actions were completed.

# Other facility news

There was no news from other facilities.

# Facility Strategy Discussion

**SNS Mantid Priority**

GG reported SNS’s Mantid priority. Its final version will be ready in 4 months after a global ORNL neutron scattering prioritization exercise. GG presented the short-term tasks that include QuickNXS and auto-reduction for liquids reflectometry, fixing NOMAD issues, support of HFIR instruments (SANS, HB2A, HB2B and HB3A), tools for DGS (Mslice replacement tool, planning tool and resolution tool), folding and symmetrisation for MD and utilizing parallel backend for VSI/ParaView. GG also mentioned the expected long term tasks from SNS.

**ESS Mantid Priority**

JT reported ESS’s priority on Mantid. The requirements of ESS from Mantid include ‘live’ reduction and ‘live’ visualization, analysis of 4D datasets from direct chopper instruments (and better name for VSI!). JT mentioned that it is still under discussion whether Mantid will be used to support data analysis in ESS. The needs with highest priority in ESS are core event mode performance, instrument geometry optimization in data management and integration with experiment control and data acquisition. JT also presented the spread sheet showing the data treatment schedule within the ESS’s construction phases.

# Support of Imaging

Instrument scientists of Imaging among three facilities should have a tele-conference to touch base and discuss their requests for data reduction by Mantid. ND will coordinate this effort. Federico from ISIS and Jean from SNS should attend the meeting.

# Next generation of IDF

The next generation of IDF file should be compatible with McStas. Stuart Campbell and Peter Willendrup should be involved in scoping the work.

# AOB

None

# Next Meeting

Towards Oct 23th.

# New and Ongoing Actions

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| 8.3 | Distribute SNS and ESS requirement reports in August | GG, JT |
| 8.4 | Ensure that a discussion of facilities strategies in the light of the ISIS, SNS and ESS requirements reports is an agenda item for the next PMB | WZ |
| 8.7 | Drive the adding of Mantid training material for direct inelastic scattering | RS, TGP |
| 8.8 | Drive the adding of Mantid training material for powder diffraction in 2-3 months. The training material will be published on web. | GG, TP |
| 8.9 | Have a Mantid forum in use. There are still issues to solve. | ND |
| 9.1 | Windows compiler will be moved to VS2015 free community edition. Will take four working weeks and cannot be started before September 2015. | ND |
| 9.2 | Move to Github issue in 1 or 2 weeks after PMB meeting | ND |
| 9.3 | Upgrade to Qt5 after next release of ParaView | ND |
| 9.4 | Coordinate a teleconference among Imaging instrument scientists from SNS, ISIS and ESS. | ND |
| 9.5 | Look into next generation of IDF | Stuart Campbell |

# Completed Actions

Completed actions will remain in this list for one meeting then will be removed.

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| 8.1 | Circulate the PM report within 1-2 weeks | ND |
| 8.2 | Distribute ISIS requirement report | RS |
| 8.3.1 | Distribute ESS requirement reports before the next PMB | JT |
| 8.5 | Determine what code in Mantid needs validation by scientific expert | TSC |
| 8.6 | Create a user example for how to integrate none Mantid code with Mantid | TSC |