Mantid PMB Meeting  
Minutes of Meeting 10  
22rd Jan 2016, 0930-1200

Present from SNS: Garrett Granroth (GG), Peter Peterson (PP) (TSC chair), Thomas Proffen (TProffen), Timmy Ramirez-Cuesta, and Wenduo Zhou (secretary)

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

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/PMBMinutes29thMay15.docx |
| PM report | [https://github.com/mantidproject/documents/blob/master/Project-Management/PMB/PM report to the PMB 22 January 2016.doc](https://github.com/mantidproject/documents/blob/master/Project-Management/PMB/PM%20report%20to%20the%20PMB%2022%20January%202016.doc) |
| Technical Steering Committee (TSC) report | https://github.com/mantidproject/documents/blob/master/Project-Management/TechnicalSteeringCommittee/reports/TSC-PMB-report-2016-01-22.md |

# Changes to the PMB

There is no change to PMB.

The PMB chair will be elected in the next PMB meeting because TGP has been PMB chair for a year. A new PMB sectary shall be selected from facility other than SNS, as PP is the TSC chair. The nominations for these 2 positions will be collected by the next PMB meeting.

# 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 8.7, 8.8, and 9.3.

The status of the on-going actions was updated and discussed as well.

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

This task is completed. ISIS Excitations Group has started a web page for collecting information. It will grow steadily.

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

GG and TProffen are working with instrument scientists for it.

**9.3 Upgrade to Qt5 after next release of ParaView**

The work related to upgrade QTable from Qt3 to Qt5 is non-trivial. The work will be planned and assigned to selected developers.

# PM Report

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

ND reported the statistics on the usage of Mantid. The usage of Mantid is satisfying. A question was raised about how to support Mantid on the least popular operating systems.

PMB agreed to review the constitution regarding how the Mantid PMB should consider accepting a new partner, as ND reported that JET showed interest to join Mantid project. One suggested guideline is that Mantid is to be advertised as being for data reduction and analysis for material science. ND will look into it. However, we felt that we did not want to put in any effort to help JET.

ND pointed out that it is important to consider the new risk of insufficient support from the ESS computing group. JT also mentioned the increasing risk of code debt.

ND reminded the PMB that the communication among facilities includes weekly teleconferencing and daily slack channel (TGP: what is a slack channel?).

PMB agrees that July 6th, 2016 will the next release of Mantid.

# Technical Steering Committee (TSC) report

PP presented the latest TSC report to PMB. The full report can be found via the link listed above. He introduced the change of members of TSC, ParaView 5.0, the Mantid web interface, external dependencies, instrument geometry and documentation.

PP points out that the old IDF will be valid even after the new IDF is implemented.

# Other facility news

ILL will hire developers for Mantid.

# Long-term plan meeting

The long-term plan meeting, whose purpose is to make the long-term strategic and philosophical plan for Mantid, was held on January 19th. PP presented the outcome of this meeting.

In summary, the long-term plan for Mantid includes evolving Mantid to scipy-styled package, implementing wiki-styled documentation, enabling units to support reactor-based instrument, improving workspace design, enhancing advanced visualization with ParaView, and experiment steering. The improved workspace should reflect science and be more accessible for users. Customized GUI based on Mantid scipy-styled library is also advised from SSC.

ISIS will have a further discussion on the outcome of the long-term plan meeting after PMB meeting. PMB members agree with the outcome of the plan meeting. The progress from the outcome of this long-term plan meeting should be reviewed in future PMB meetings.

# Scientific steering committee meeting

The SSC advises on medium and short-term requirements for Mantid. The outcome of SSC will be in the agenda for discussion of the next PMB meeting in 4 weeks.

PMB agrees to elect an SSC chair to formalize the government strategy to guide the project for end users. The SSC chair should be one of the PMB members. In future, the SSC chair can be elected at the SSC; the nomination of an SSC chair at this point is an expedient to ensure that.

JT, GG and RS are going to propose membership of SSC from the ESS, SNS and ISIS respectively.

# External review

PMB agrees that Mantid should have an external review. PMB discussed about the scope and the time for external review, the rule to choose external reviewer, and the candidates for reviewers. JT will work on this.

# AOB

None

# Next Meeting

Four weeks from January 22nd, 2016.

# New and On-going Actions

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| 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 |
| 9.3 | Upgrade to Qt5 after next release of ParaView | ND |
| 9.5 | Look into next generation of IDF | Stuart Campbell |
| 10.1 | Add to agenda of next PMB the election of a new PMB chair in the next PMB meeting | WZ |
| 10.2 | Add to agenda of next PMB the election of a new PMB sectary from facilities other than SNS before the next PMB meeting | WZ |
| 10.3 | Add to next PMB’s agenda to elect interim SSC chair among PMB members | WZ |
| 10.4 | Add to next PMB’s agenda to decide external reviewers | WZ |
| 10.5 | Constitution of Mantid | ND |
| 10.6 | Organize next PMB around February 20th. | WZ |
| 10.7 | ISIS will look into SSC reports | RS, TGP |
| 10.8 | Research how to do external review | Debbie, JT |

# Completed Actions

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

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| 8.7 | Drive the addition of Mantid training material for direct inelastic scattering | RS, TGP |