IN16B Reduction

Status Report

09.08.16

Gagik & Verena

Status of IndirectILLReduction

- QENS reduction close to complete
- All Unmirror Options in place
- Calibration implemented
- MultipleFile, debug mode in place
- First draft documentation written
- GUI nearly ready
- FWS to follow next week
  - ideally would like to *freeze* the QENS part before extending
- System test to be written
- To compare again with LAMP

General PRs closed

- Removed TOF validator from FindEPP

- MaskBins replaces also NaN and Inf with 0

  - What should happen with partial weight masking, is not concluded

- MultipleFile loading

  - Follow up the bug with the case when the extension (.nxs) is not specified

- Masked detectors will be highlighted with gray, masked bins won't yet

This sprint:

Tasks	Description	
1	**_shift_spectra** static method: • fix the bin masking • think of ways to preserve the metadata (for Unmirror=5,7 sample logs are gone!) • add a new unit test for the method • possibly will create a new separate algorithm for this • (but this is not high priority now)	Verena
2	__ prefix for temporary (hidden) workspaces	Verena
3	Fix **graphviz** installation, and produce new flowchart for documentation	Gagik
4	Implement some *caching* for VanadiumRun loading for multiple files	Gagik
5	Get rid of debug mode by introducing *workspace logging*? (at least move left and right workspaces to debug mode for the moment)	Gagik
6	Think about elegant solution with VanadiumRun and calibration	Miguel ?
7	Final tweaks in GUI (fix UnmirrorOption validation, add VanadiumRun) corresponding to **6**	Gagik