

Pull Request Reviews

[mantidproject / mantid](#)

Unwatch 49Star 47Fork 36

[Code](#)[Issues 1,565](#)[Pull requests 79](#)[Wiki](#)[Pulse](#)[Graphs](#)

Filters

LabelsMilestones

New pull request

Clear current search query, filters, and sorts

☐ 0 Open ☒ 4 Closed

Author ▾Labels ▾Milestones ▾Assignee ▾Sort ▾

<input type="checkbox"/>		Extend getLogAsSingleValue for other numeric types ✓ Component: Framework		3
#17105 by tom-perkins was merged 18 days ago Release 3.8 3 of 9				
<input type="checkbox"/>		Indirect System test - OSIRISqtAndIqtFitMulti ✓ Component: Indirect Inelastic Quality: System Tests		2
#16813 by ElliotAOram was merged on Jul 18 Release 3.8 0 of 9				
<input type="checkbox"/>		Update Qt library names in the OS X packaging script. ✗ Priority: High		9
#16383 by quantumsteve was merged on May 27 Release 3.7 0 of 9				
<input type="checkbox"/>		New algorithm to correct TOF according to the fitted EPP ✓ Component: Direct Inelastic		7
#16055 by mganeva was merged on May 11 Release 3.7 7 of 9				

IN6/ToF Updates & Recap

Sprint Review Meeting 23/08/2016

Recap

- $S(\varphi, E)$ plots for IN6 look good
- IN6 IDF and loader updates are committed, still awaiting review
- Upper/lower bank angles of $\pm 11.5^\circ$ to be checked by Michael Koza
- Detector Efficiency Corrections still to do
- Ticket to create `SeparateMonitorSpectra` algorithm for separate monitors (can not be done in `Load`)

MergeRuns Extension

- Behaviors now implemented and tested:
 - Numeric – Average, Min, Max, Sum
 - List – add sample log as 'name' + '_list'
 - Warn – run is merged, warning logged
 - Fail – run is not merged, error logged
- Also look into option of building Time Series Data from runs



Ubuntu 0 B /t U x² x₂ aß r j

Results Log

MergeRuns started

Item "end_time" has different values in files! Found: 2013-06-25T12:59:16 in file 164193 but value in first file value was: 2013-06-25T11:59:15.

MergeRuns successful, Duration 0.06 seconds

Workspaces

Load Delete Group Sort Save

MantidPlot - ws sample logs				
Name	Type	Value	Units	
Rot.value	numeric	-0.008999999612569809	degree	
run_number	numeric	164192		
run_number_list	string	164192, 164193		
sample.chemical_formula	string	Zn4Sb3		
sample.date_of_preparation	string	1.04.2013		
sample.density	numeric	1		
sample.description	string	HAT6		
sample.mass	numeric	1000		
sample.path_length_windows	numeric	0.10000000149011612		
sample.pressure	numeric	0		
sample.regulation_temperature	numeric	223.08399963378906		
sample.scattering_length_density	numeric	1		
sample.setpoint_pressure	numeric	0		
sample.setpoint_temperature	numeric	100		
sample.temperature	numeric	219.45549800000001		
sample.type_install	string	Cryostat		
sample.unit_cell_class	string	powder		
sample.volume_unit_cell	numeric	666		
start_time	string	2013-06-25T10:59:15		
Suppressor.distance	numeric	777.7769775390625	meter	
Suppressor.guide_height	numeric	777.7769775390625	meter	
Suppressor.phase	numeric	89.999000549316406	degree	

Import selected log

Close

Filter log values by

- ☐ None
- ☐ Status
- ☐ Period
- ☒ Status + Period

Log Statistics

Min:

Max:

Mean:

Time Avg:

Median:

Std Dev:

Duration:

- ▶ Examples
- ▶ Inelastic
- ▶ MDAlgorithms
- ▶ Muon
- ▶ Optimization
- ▶ Reflectometry

Details

Script Interpreter

object? -> Details about 'object', use 'object??' for extra details.
%gui ref -> A brief reference about the graphical user interface.

In [1]:

MergeRuns Extension

MantidPlot - INTER00013460 sample logs

Name	Type	Value	Units
S1_VG	num. series	(11 entries)	mm
S2_HG	num. series	(11 entries)	mm
S2_VG	num. series	(68 entries)	mm
S3_HG	num. series	(11 entries)	mm
S3_NORTH	num. series	(11 entries)	mm
S3_SOUTH	num. series	(21 entries)	mm
S4_HG	num. series	(11 entries)	mm
S4_VG	num. series	(17 entries)	mm
S5_HG	num. series	(11 entries)	mm
S5_VG	num. series	(11 entries)	mm
SAMPLE_TRANS	num. series	(11 entries)	mm
SM_angle	num. series	(11 entries)	deg
SM_ht	num. series	(11 entries)	mm
SM_in	str. series	(5 entries)	
start_time	string	2011-12-15T1...	
Status	str. series	(120 entries)	
Supermirror	num. series	(11 entries)	deg
Theta	num. series	(15 entries)	deg
tot_prtn_chrg	numeric	15.006684303...	
total_counts	num. series	(85 entries)	counts
TS2_Beam	num. series	(68 entries)	uA

Import selected log Close

Filter log values by

☐ None

☐ Status

☐ Period

☒ Status + Period

Log Statistics

Min: -8.557e-06

Max: 0.70002

Mean: 0.414731

Time Avg: 0.524951

Median: 0.509144

Std Dev: 0.286564

Duration: 1271

MergeRuns Extension

- List of IN4/6 Sample Logs –
<https://goo.gl/d4uBTf>
- Outstanding work on XML format, and tolerance from this

Instrument Parameter File

```
<?xml version="1.0" encoding="UTF-8" ?>
<parameter-file instrument="IN6" valid-from="2012-10-01T00:00:00">

  <component-link name="IN6">

    <!-- Option 1 -->

    <parameter name="sample_logs_average" type="string">
      <value val="sample.temperature, sample.pressure" />
    </parameter>

    <parameter name="sample_logs_warn" type="string">
      <value val="sample.temperature=10.0, sample.pressure=1.0" />
    </parameter>

    <!-- Option 2 -->

    <parameter name="sample_logs_average" type="samplelogmerge">
      <value val="average" />
      <samplelogmerge sample-log="sample.temperature" />
      <samplelogmerge sample-log="sample.pressure" />
    </parameter>

    <parameter name="sample_logs_warn" type="samplelogmerge">
      <value val="warn" />
      <samplelogmerge sample-log="sample.temperature" sample-log-delta="10.0"/>
      <samplelogmerge sample-log="sample.pressure" sample-log-delta="1.0"/>
    </parameter>

  </component-link>

</parameter-file>
```


Work to Do for Next Week

- Finish Merge Runs
- Review some PRs