

Workflow Helper Algorithms

Sprint Review Meeting 13/09/2016

MergeRuns

- Merging files, then merging merged files now fully supported
- PR Opened

Combines the data contained in an arbitrary number of input workspaces.




InputWorkspaces	<input type="text"/>	*
OutputWorkspace	<input type="text"/>	*
SampleLogsTimeSeries	<input type="text"/>	
SampleLogsList	<input type="text"/>	
SampleLogsWarn	<input type="text"/>	
SampleLogsWarnTolerances	<input type="text"/>	
SampleLogsFail	<input type="text"/>	
SampleLogsFailTolerances	<input type="text"/>	

? Keep Open ☐ Run Close

SeparateMonitorWorkspace

- Extract detectors and monitors into separate workspaces, making ToF workflow easier

Separates the monitors and/or detectors into separate workspaces.

InputWorkspace	<input type="text"/>	
DetectorWorkspace	<input type="text"/>	
MonitorWorkspace	<input type="text"/>	

Keep Open ☐

CreateSampleWorkspace

- Algorithm can now also create monitors, to unit test SeparateMonitorWorkspace
- PR open for this



Creates sample workspaces for usage examples and other situations.

OutputWorkspace	<input type="text"/>
WorkspaceType	Histogram
Function	One Peak
UserDefinedFunction	<input type="text"/>
NumBanks	2
NumMonitors	0
BankPixelWidth	10
NumEvents	1000
	<input type="checkbox"/> Random
XUnit	TOF
XMin	0
XMax	20000
BinWidth	200
PixelSpacing	0.008
BankDistanceFromSample	5
SourceDistanceFromSample	10

? Keep Open ☐ Run Close

Work to Do for Next Week

- MergeRuns to work for a single workspace
- ToF workflow test
 - Test for IN6
 - GetEiMonDet parameter calculated in load
 - Documentation, tests, refactoring