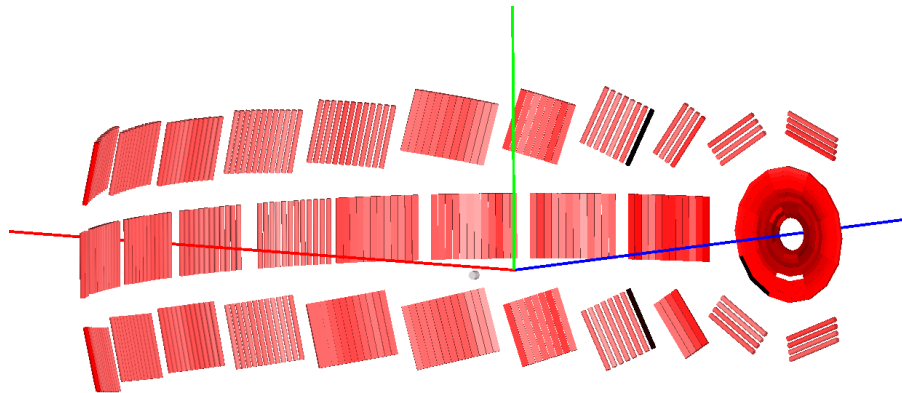


Current status

- ▶ PR open for `BinWidthAtX`, `MedianBinWidth`.
- ▶ PR open for `GetEiMonDet`.
- ▶ Fixed an issue in `CalculateFlatBackground`.
- ▶ Changes & refactoring for `DirectILLReduction` (used to be `DGSReductionILL`)
 - ▶ Handle temporary workspaces.
 - ▶ Improved detector diagnostics.
 - ▶ ...
- ▶ PR review in progress: *AppendSpectra now properly sets the values of TextAxis and NumericAxis.*

IN4 IDF update



Thoughts on TOF GUI

Global options

Hard detector mask

Normalization

Incident energy calibration

IndexType

Monitor

Detectors

Reductions

ID	Type	Inputs	Cd	EC	Vana	EPPTable	MonEPPTable	FlatBkg	FlatBkg scale	FlatBkg window	Transmission	Binning in W
1	Vana	016821							0.9			
2	EC	92-017							0.9			
3	Sam	82-017	2	1	1	1			0.9		0.91	
4	Sam	34-018	2	1	1	1		3	0.95		0.88	-10,0.05,25

Property editor

Cd	<input type="text" value=""/>
EC	<input type="text" value="2"/>
Vana	<input type="text" value="1"/>
EPPTable	<input type="text" value="1"/>
FlatBkg	<input type="text" value="3"/>
FlatBkg scale	<input type="text" value="0.95"/>
FlatBkg window	<input type="text" value=""/>
Transmission	<input type="text" value="0.88"/>
Binning in W	<input type="text" value="-10,0.05,25"/>

- ▶ Use DataProcessor* framework in Mantid.
- ▶ PyQt.

Futures

- ▶ Concentrate on `DirectILLReduction`.
 - ▶ Validate and open a PR for IN4 IDF.
 - ▶ Write and show demo scripts.
 - ▶ Design & implement comprehensive unit testing.
 - ▶ *PyExec* is more than 300 lines of code: testability vs. linearity?