

Taurus_pyqtgraph

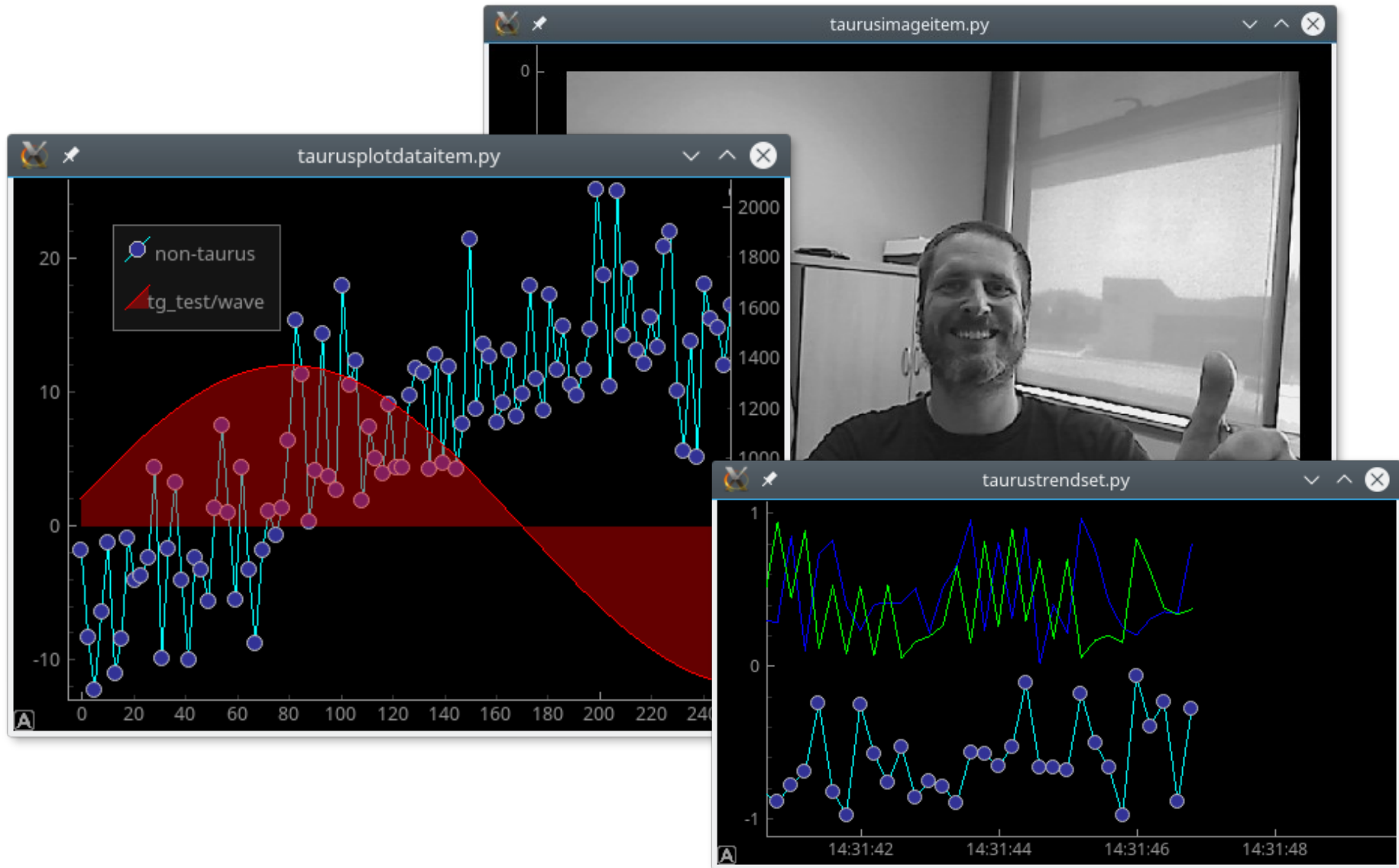
- TEP17 (<https://github.com/taurus-org/taurus/pull/452>). Goal: provide pyqtgraph, tool-based replacement for:
 - TaurusPlot (PyQwt)
 - TaurusTrend (PyQwt)
 - TaurusImageDialog (guiqwt)
 - TaurusTrend2DDialog (guiqwt)
- Planned for release **Jan18** but stalled
- Implemented as a **plugin for taurus:**

http://github.com/taurus-org/taurus_pyqtgraph

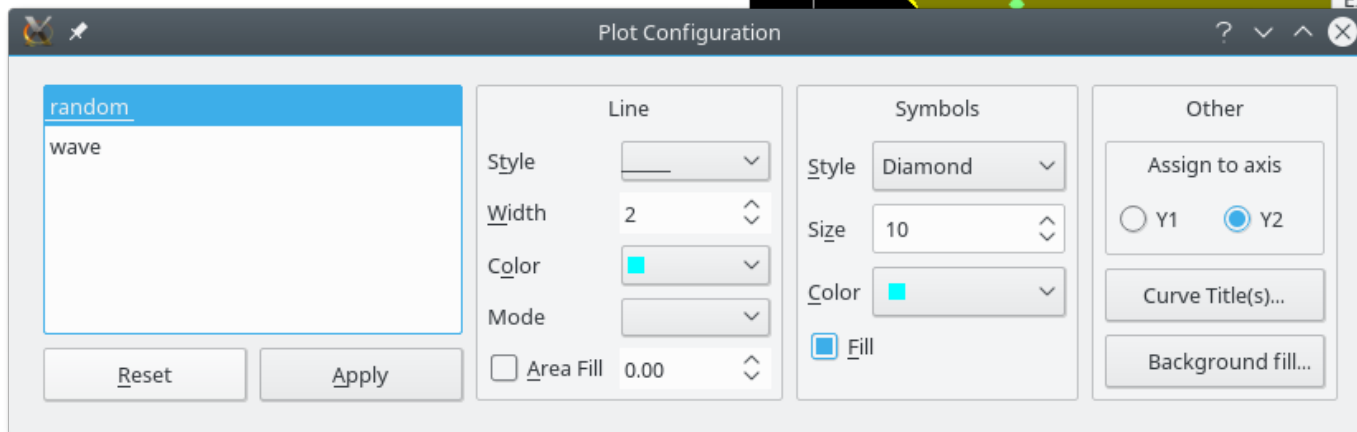
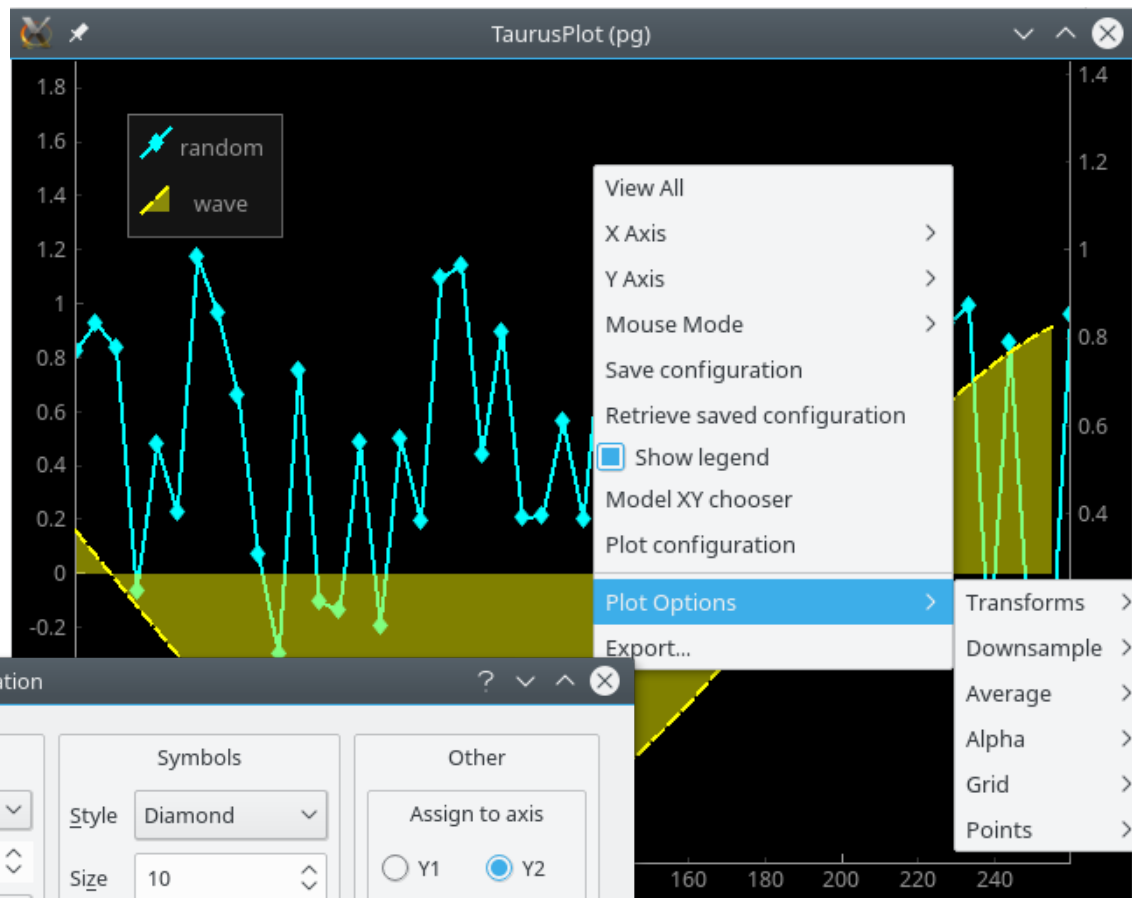
Taurus_pyqtgraph (done)

- Taurus data items (taurus-aware data items attachable to generic pyqtgraph plots):
 - **TaurusPlotDataItem**
 - **TaurusTrendSet**
 - **TaurusImageItem**
- Tools (independent “tools” attachable to generic pyqtgraph plots to extend them)
 - **Model Chooser Tools** (allow the user to select taurus models):
 - **TaurusModelChooserTool**, (for selecting a list of models)
 - **TaurusImageModelChooserTool**, (for selecting a single model)
 - **TaurusXYModelChooserTool** (for selecting a list of X and Y models + titles)
 - **DateAxisItem** (provides an axis that supports date/time)
 - **Y2ViewBox** (provides a secondary Y axis)
 - **CurvesPropertiesTool** (allows the user to change curve color, symbol, width,...)
 - **AutoPanTool** (provides “oscilloscope mode” auto-panning for trends)
 - **ForcedReadTool** (provides user-selectable client-side polling)
 - **PlotLegendTool** (allows the user to show/hide a legend)
- High-level widgets (stand-alone, taurus-aware, save/restore config support,...):
 - **TaurusPlot**
 - **TaurusTrend** (WIP)

Taurus_pyqtgraph



Taurus_pyqtgraph (done)



Taurus_pyqtgraph (missing)

- 1D trends
 - add/remove trends in high-level widget is still buggy
 - archiving support (should be provided by archiving-scheme)
- 2D plots
 - high-level widget not started
- 2D trends
 - not started



(See complete feature list in [taurus_pyqtgraph README](#))