


CS-Studio: Data Browser

Data Browser

- Display “live” and historic values of process variables.

Data Browser - Getting Started


- Running Data Browser
 - Menu:
CSS → Trends →  Data Browser
 - Toolbar:

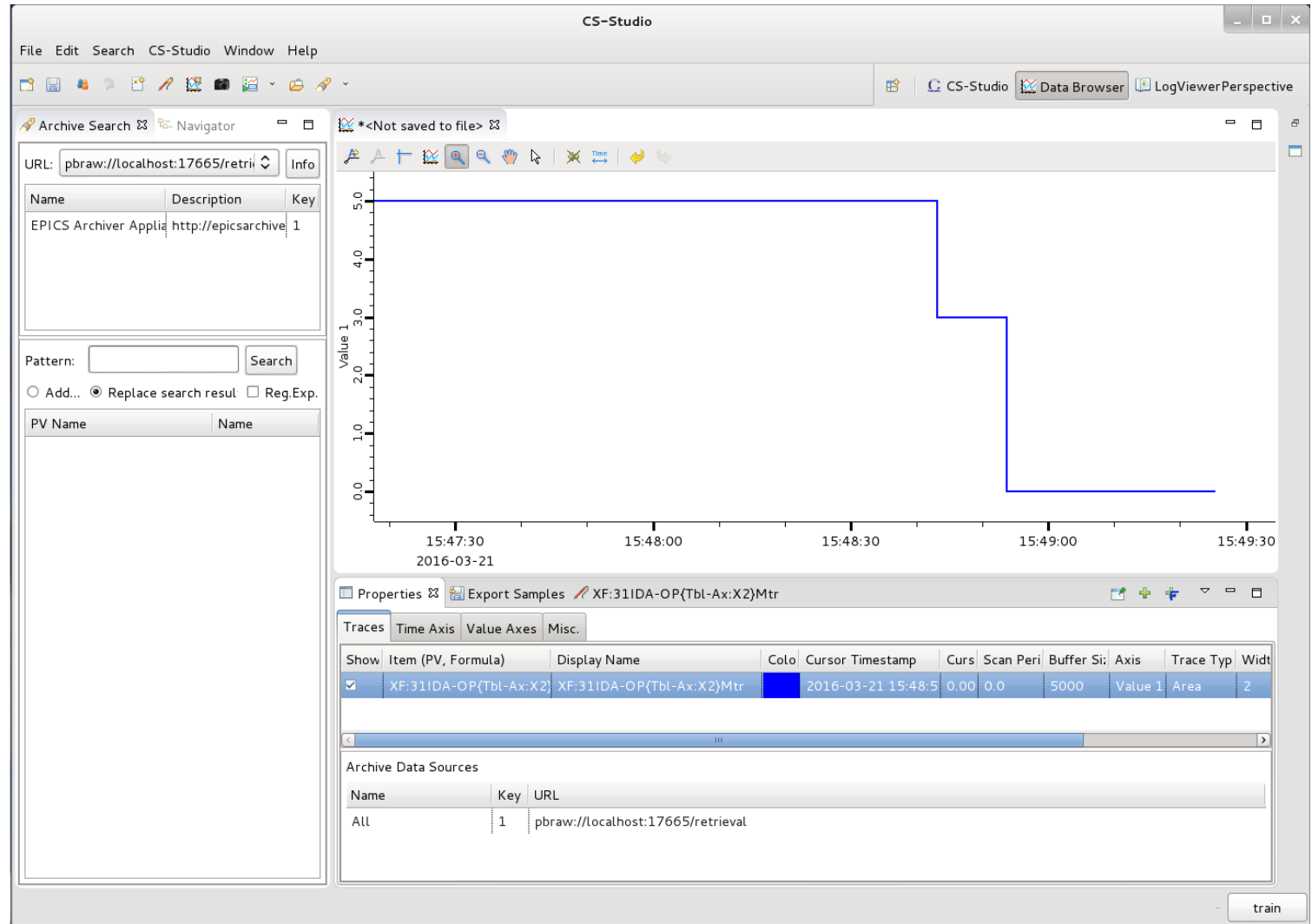


click on the open “Open New Data Browser Plot” icon in the toolbar

- Context Menu*:
Process Variable → Data Browser

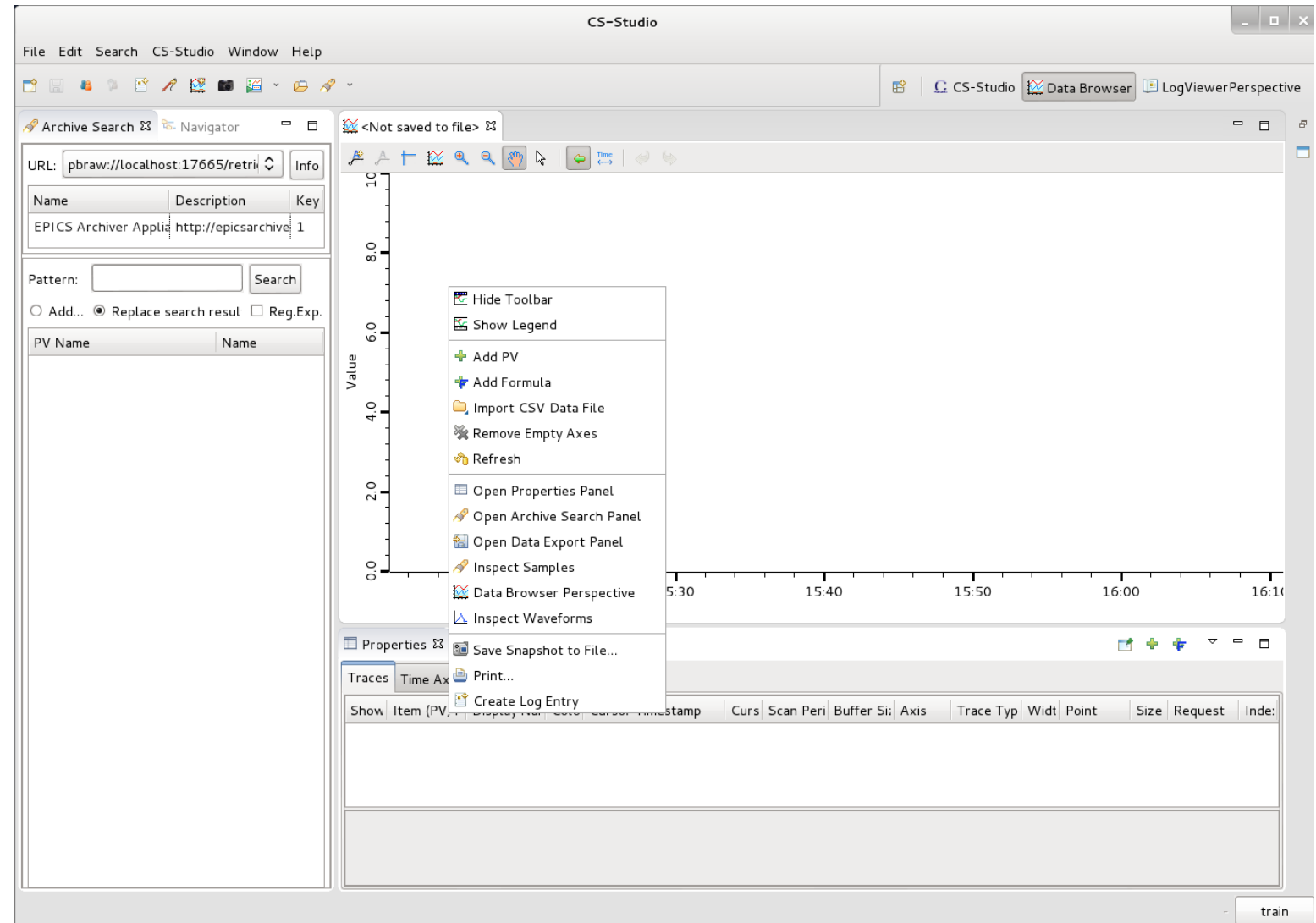
Data Browser Perspective

- Open from context menu
- Window→Open Perspective→Other
 Databrowser Perspective
- Plot
- Archive Search View
- Properties View
 - Traces
 - Time Axis
 - Value Axis
 - Misc
- Export Samples View



Adding PV's

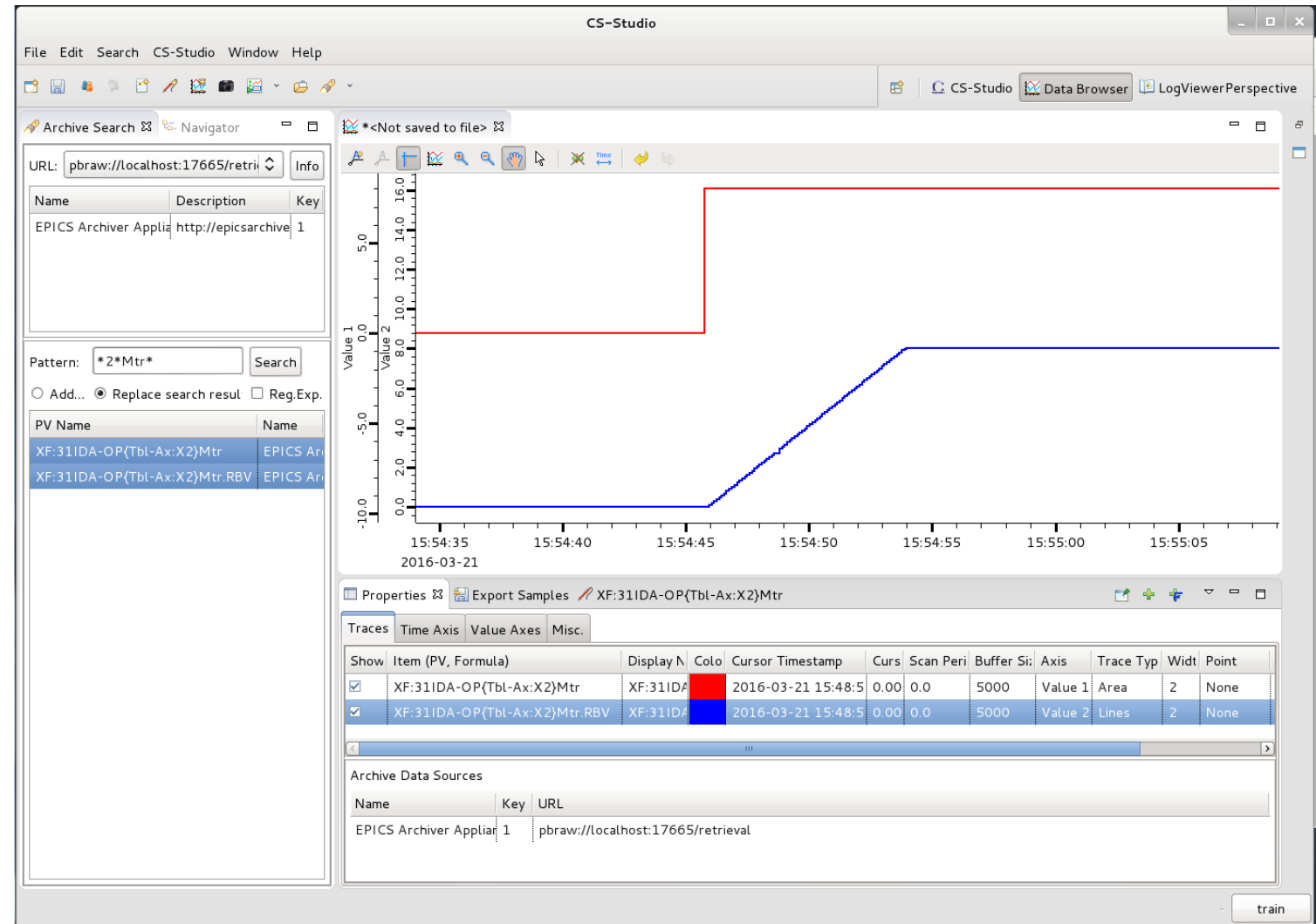
- Right click → Add PV
Name:
XF:31IDA-OP{Tbl-Ax:X2}Mtr



Searching for PV's

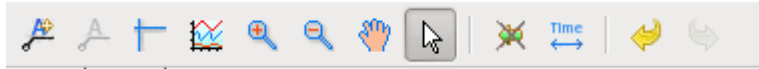
Archive search view

- Select Archive: *default/current*
- Pattern : **2*Mtr**
- Right click (open context menu)
 - Process Variable
 - Data Browser



Data Browser Details

- Plot Toolbar



zoom in and out, rubber band zoom, scroll back and forth in time,....

- Traces View

List of PV's being displayed, the Visual characteristics of the traces associated with the PV's, and list of Data sources

- Time Axis View

Define start and end time of the plot in either relative or absolute terms

- Value Axis View

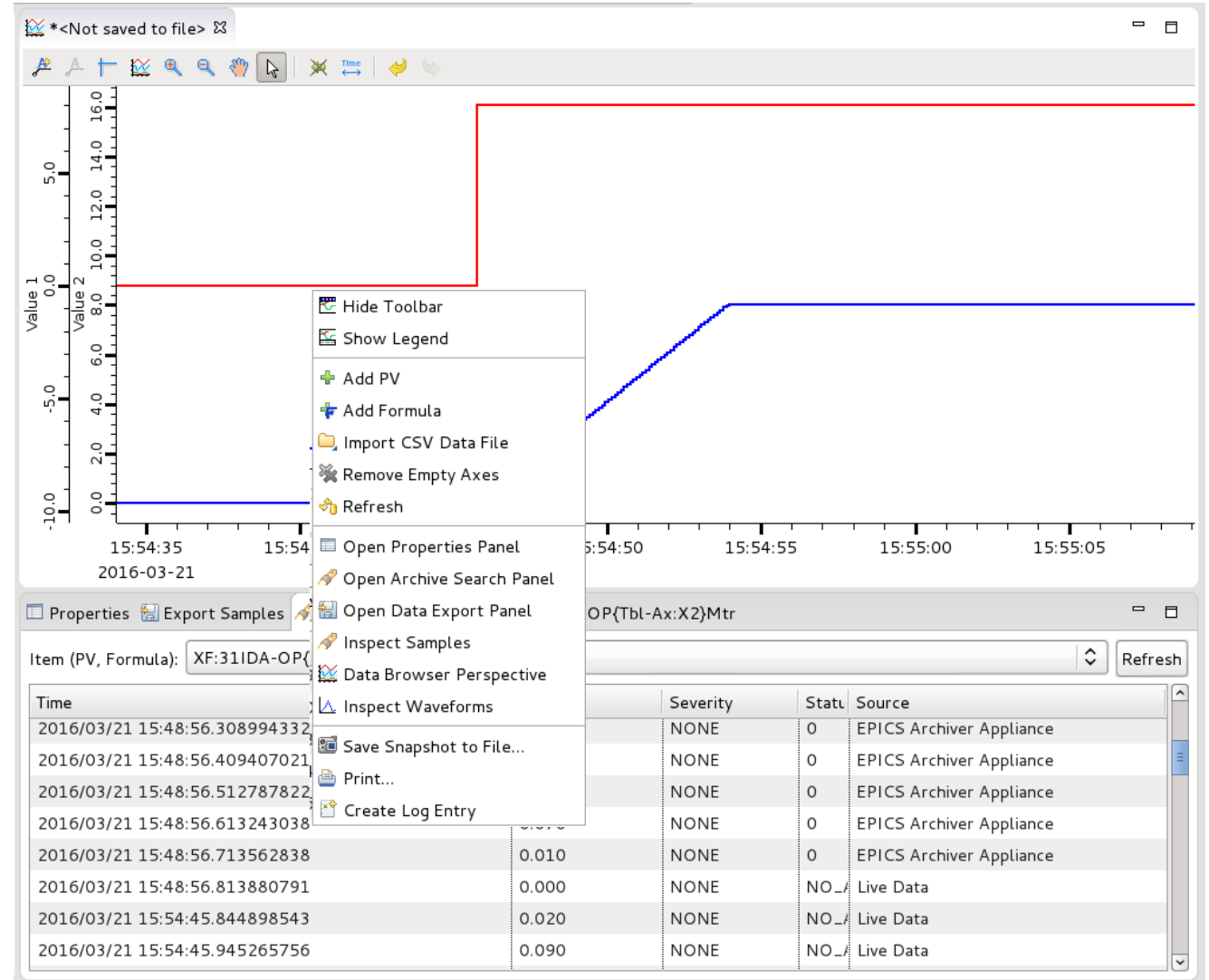
Manage the Y Axis/Axes, i.e. colour, range,....

Data Browser

Inspect samples

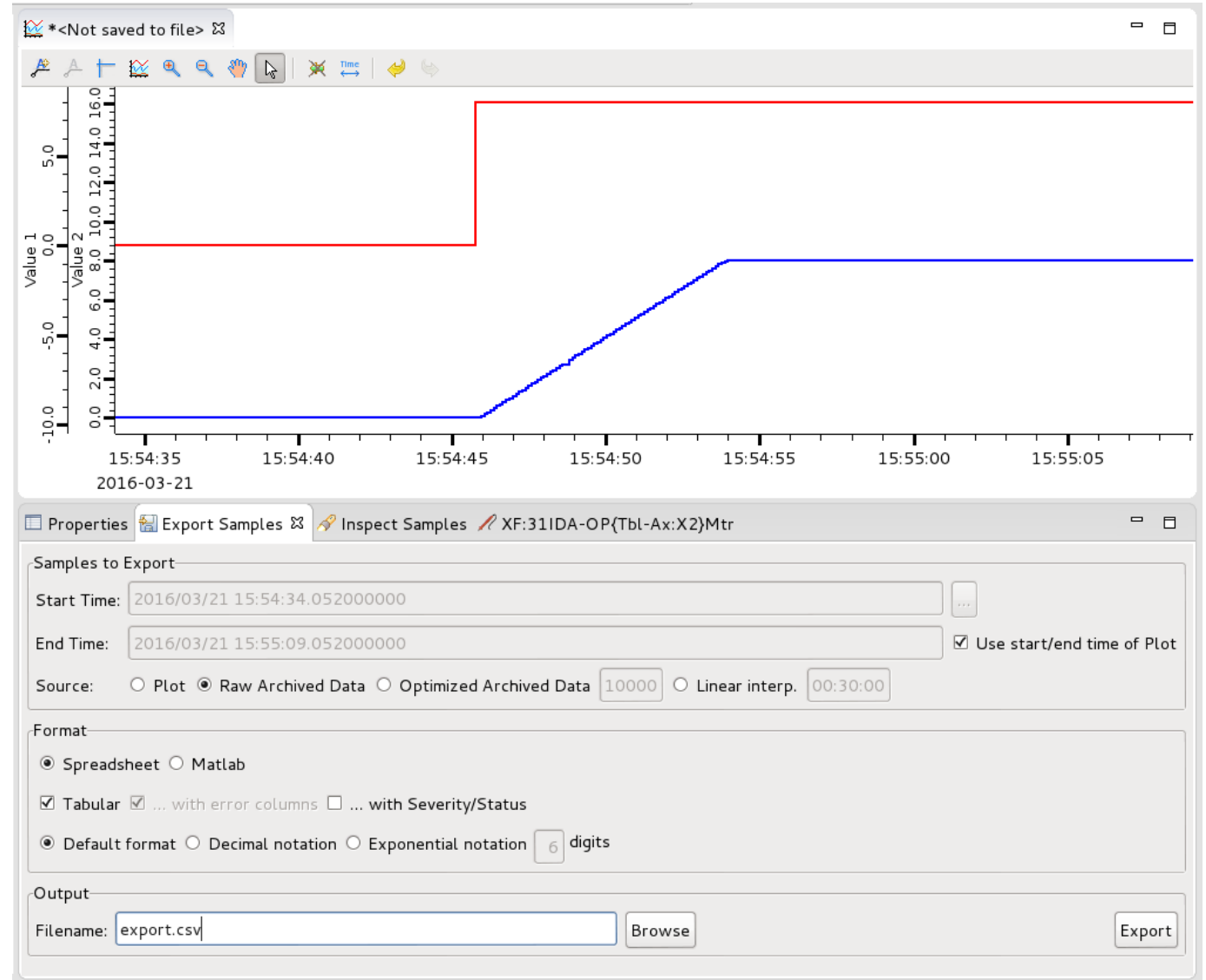
Allows inspection of pv values being plotted.

- Context Menu → Inspect Samples




Data Browser Export

- **Samples to Export:**
Define the amount and the source of the data to be exported.
- **Format:**
Select the output format exported for the data.
- **Output:**
Select the output file.



Create log entry

Context menu (right click) →

 Create log entry

A log Entry dialog pre populated with appropriate data depending on which application you are making the log entry from

Username:

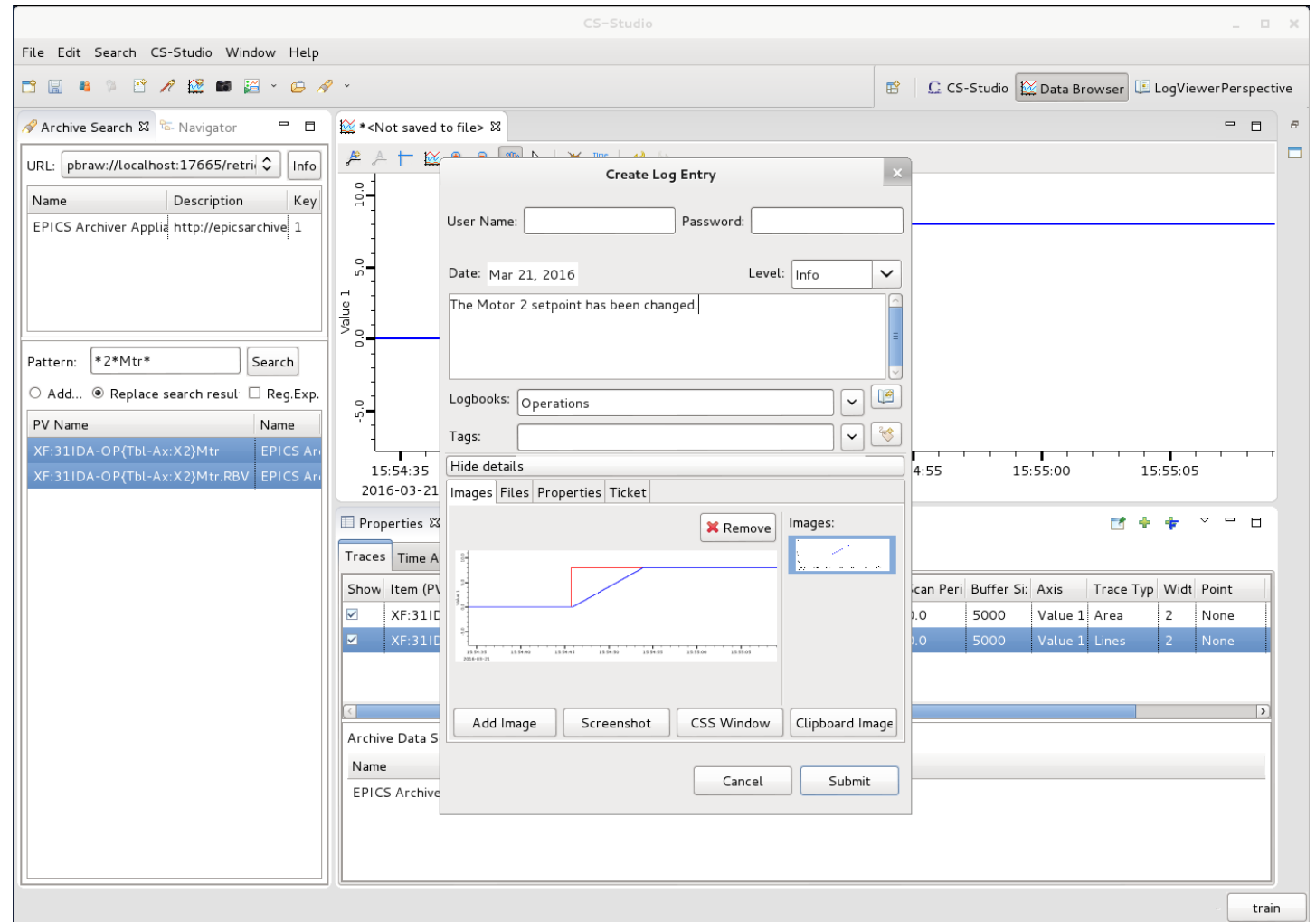
password:

Exercise:

Create a log entry, with some text and plot

Exercise:

Create a log entry with – text, plot and .plt file



More Information

- Help

Help → Help Contents → CSS Applications → Data Browser