

Remote access testing instructions. Depending on your connection it can take several seconds to see an update, **be patient and avoid over clicking.**

NB: in-situ access: ideally there would a backed-up computer at the counting house with the cs-studio icon at desktop that the shifter/expert can just launch with a click.

**//Sign to gat1**

```
>kinit username@FNAL.GOV
```

**//ssh to gat1 e1039**

```
>ssh -X username@e1039gat1.fnal.gov
```

**//execute this temporary environment fix**

**// otherwise you will get errors of the type :Critical gtk\_box\_gadget\_distribute: etc etc**

```
>export SWT_GTK3=0;
```

**//cd to test directory**

```
>cd/seaquest/users/morreale/Work/archiverTest/WorkspaceTest/
```

**//check**

```
>ls
```

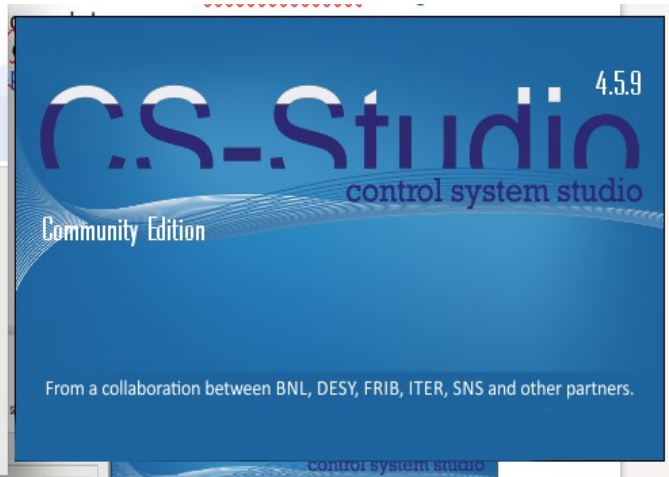
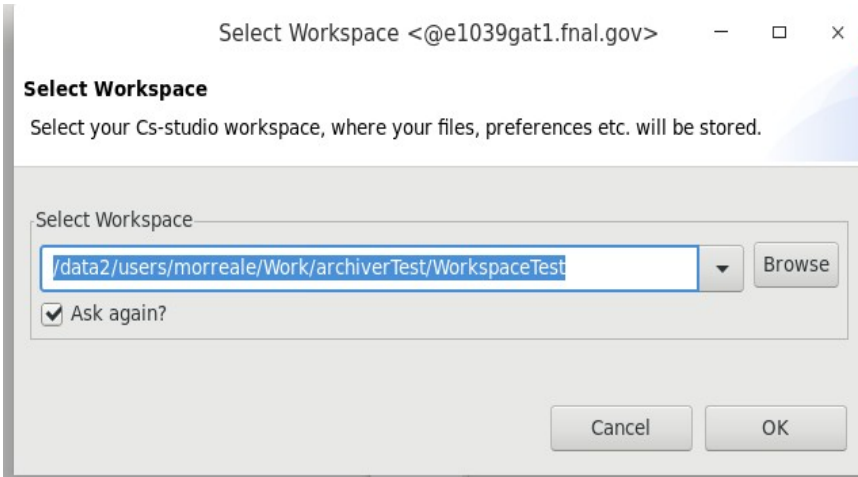
```
ls
```

```
CSS  cs-studio  logs.0  logs.1
```

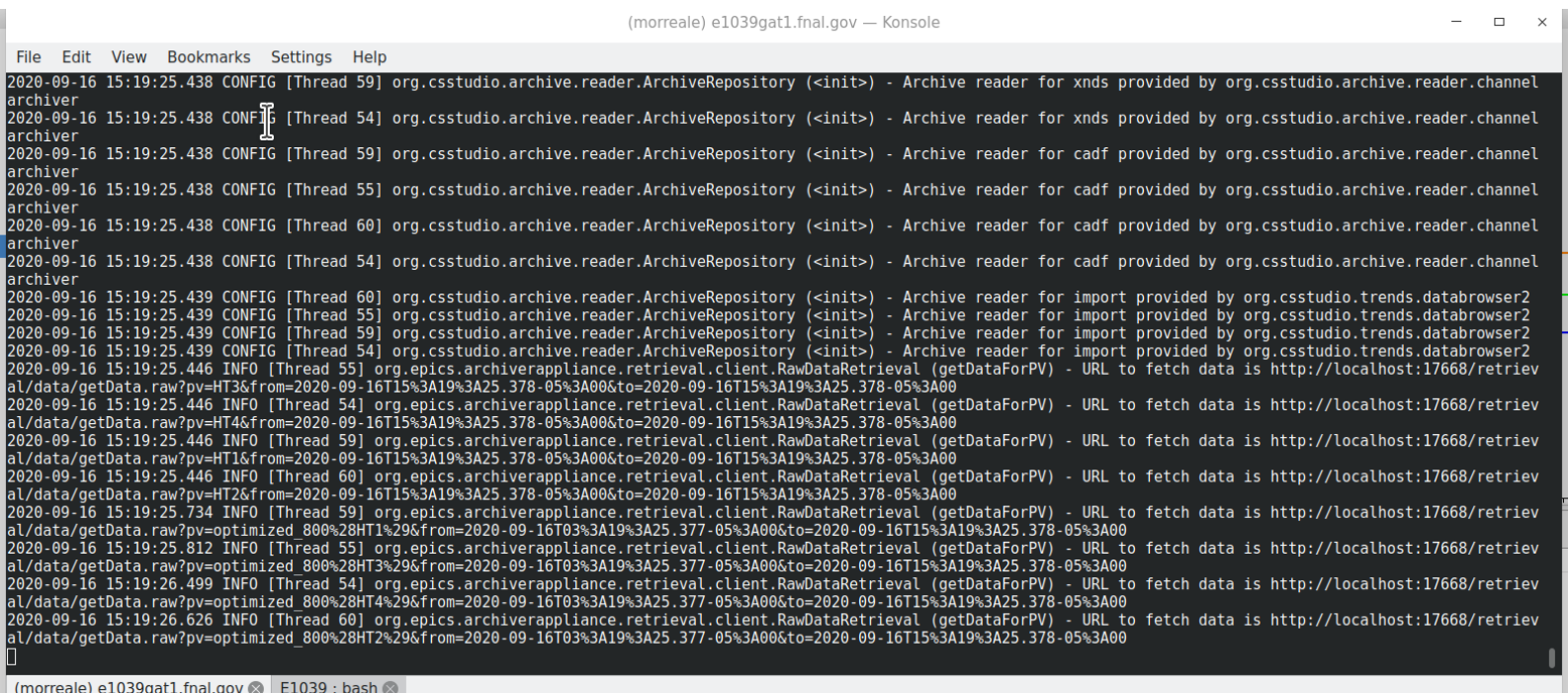
**//launch application**

```
>./cs-studio &
```

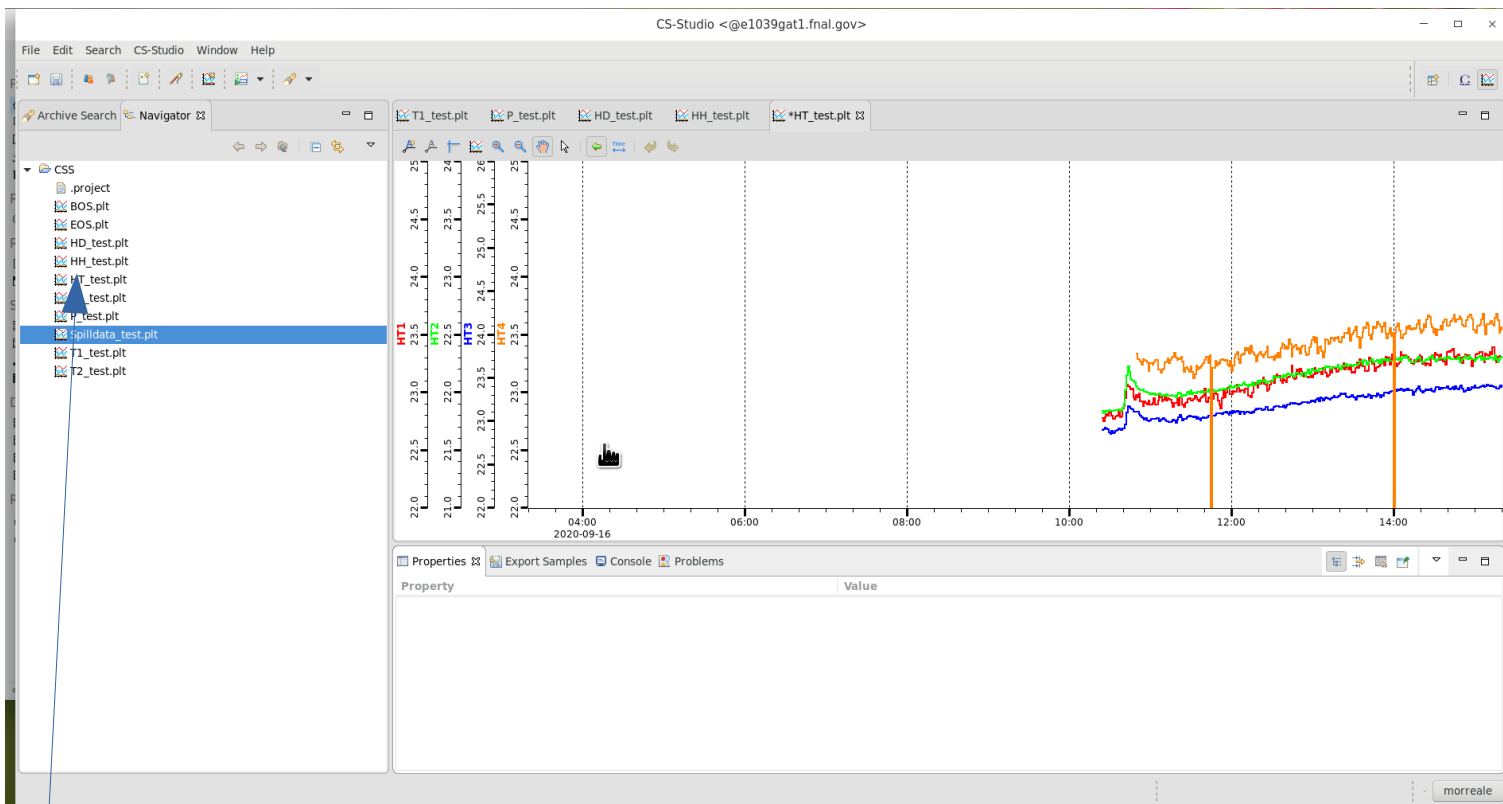
**//a directory screen will pop up, navigate to the directory as in the image below or if the directory is listed as default just click yes. (NB: ultimately there should be a directory for each detector group that each expert can modify if they see fit/useful)**



**//your terminal should look like this no critical warnings nor errors (typically color coded depending on your bash settings):**



**//now you are ready to browse:  
//by default I have set the following screen below**



//if this is not the case on the left there are a few projects that can be browsed . For the hall temperatures one can look at :

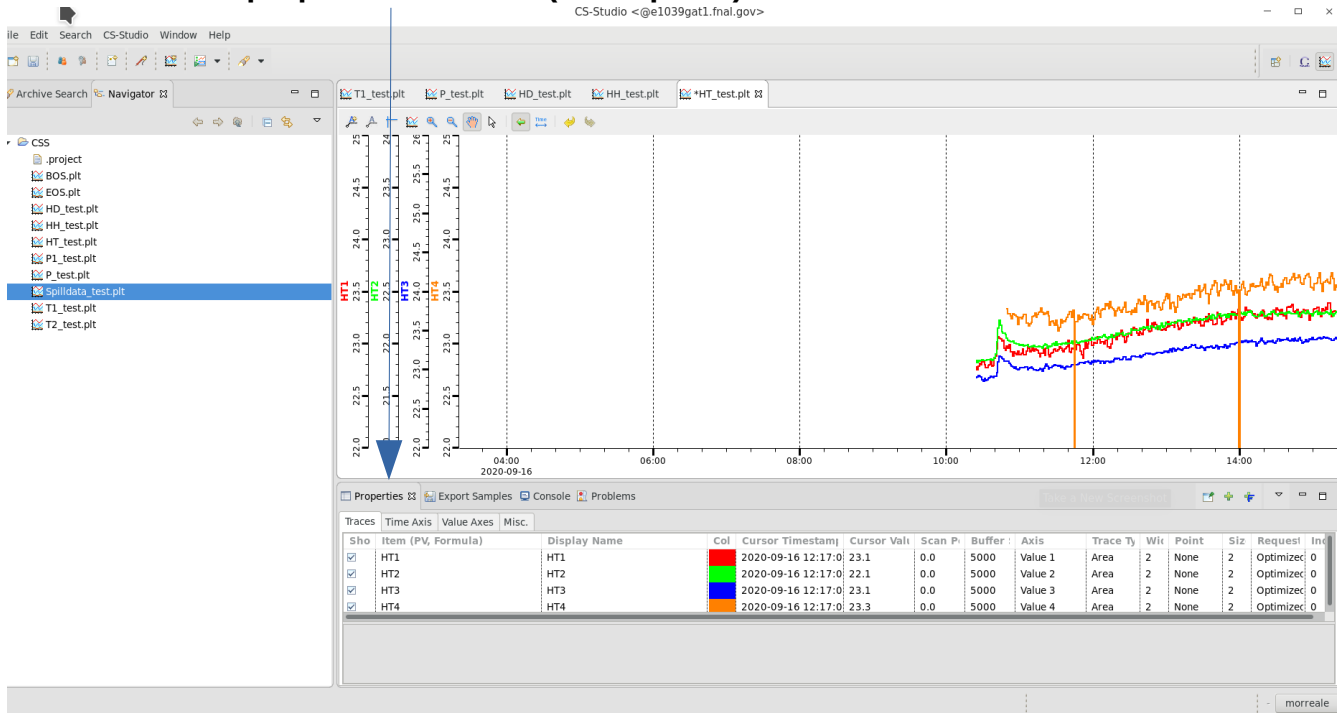
- HD\_test.plt
- HH\_test.plt
- HT\_test.plt
- P\_test.plt
- T1\_test.plt

to see them in a plot:

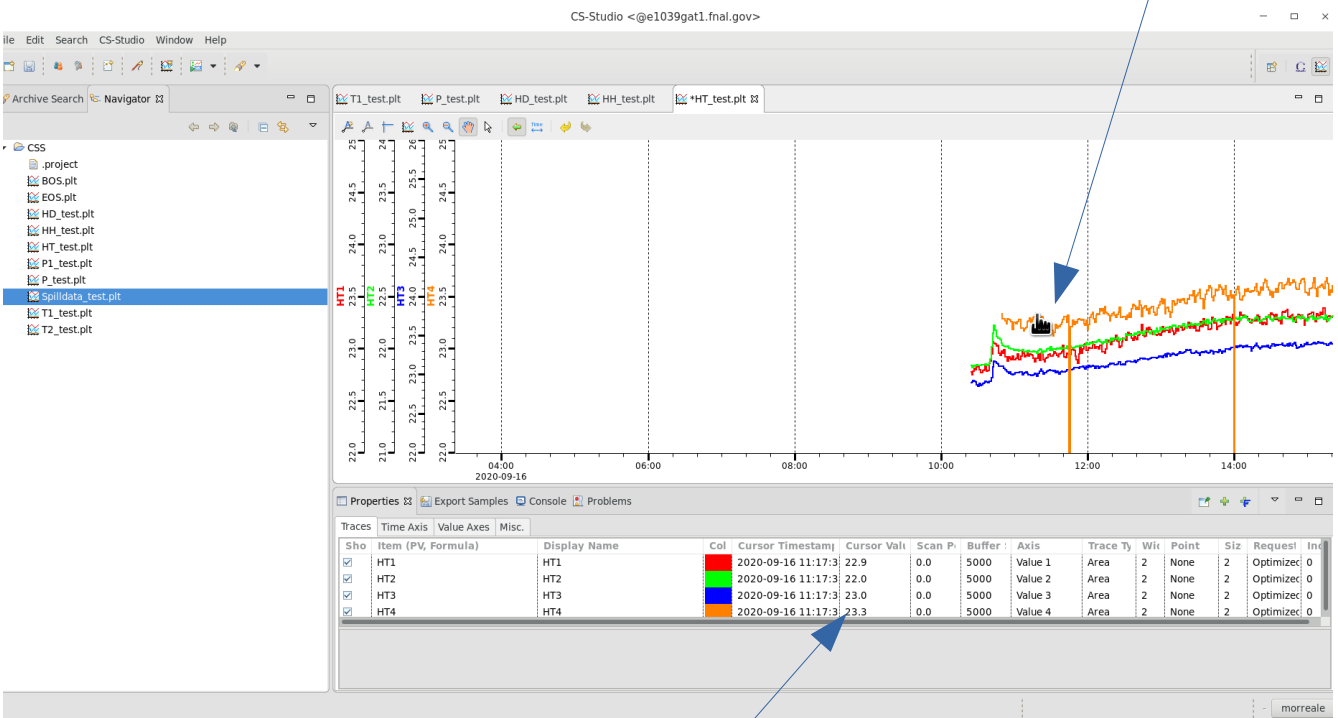
1. Left click on the any of the above → plot should come up on the right window.

//to check the information click anywhere on the main canvas.

//Then click on properties → traces (lower panel)

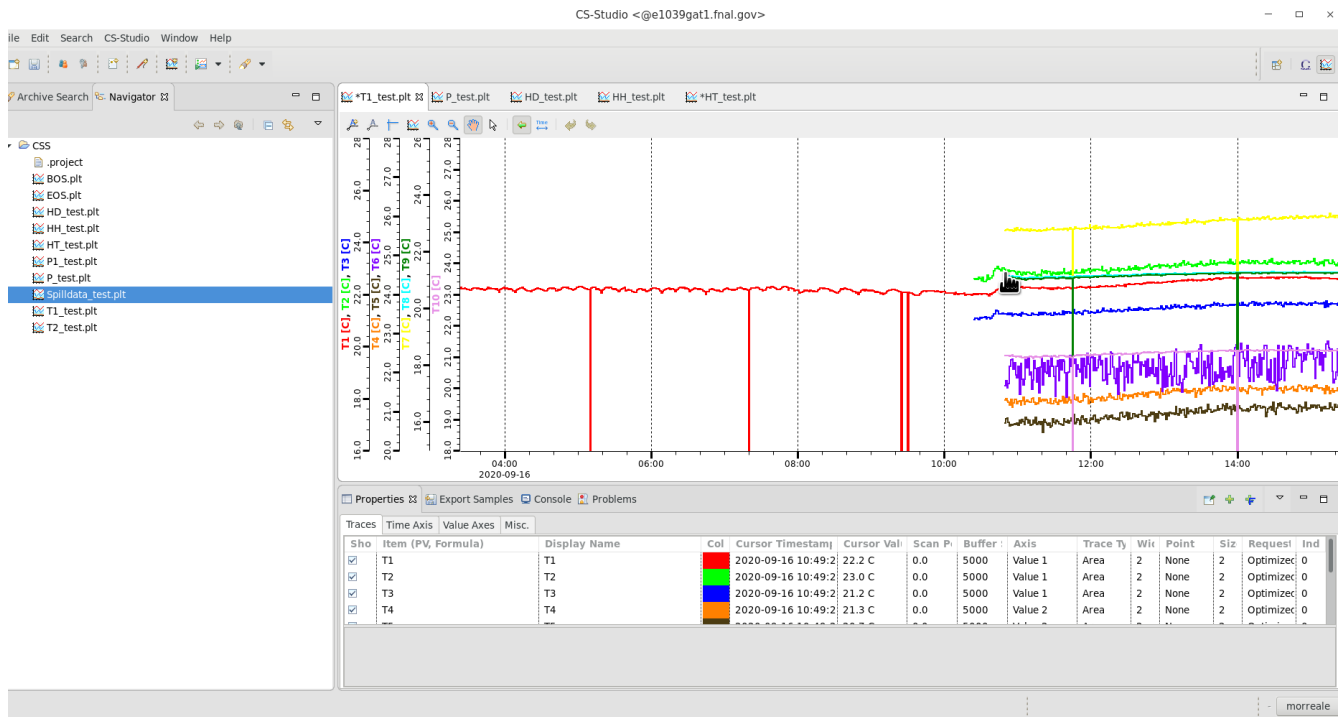


//Point your browser on the canvas on the desired time you want to inspect

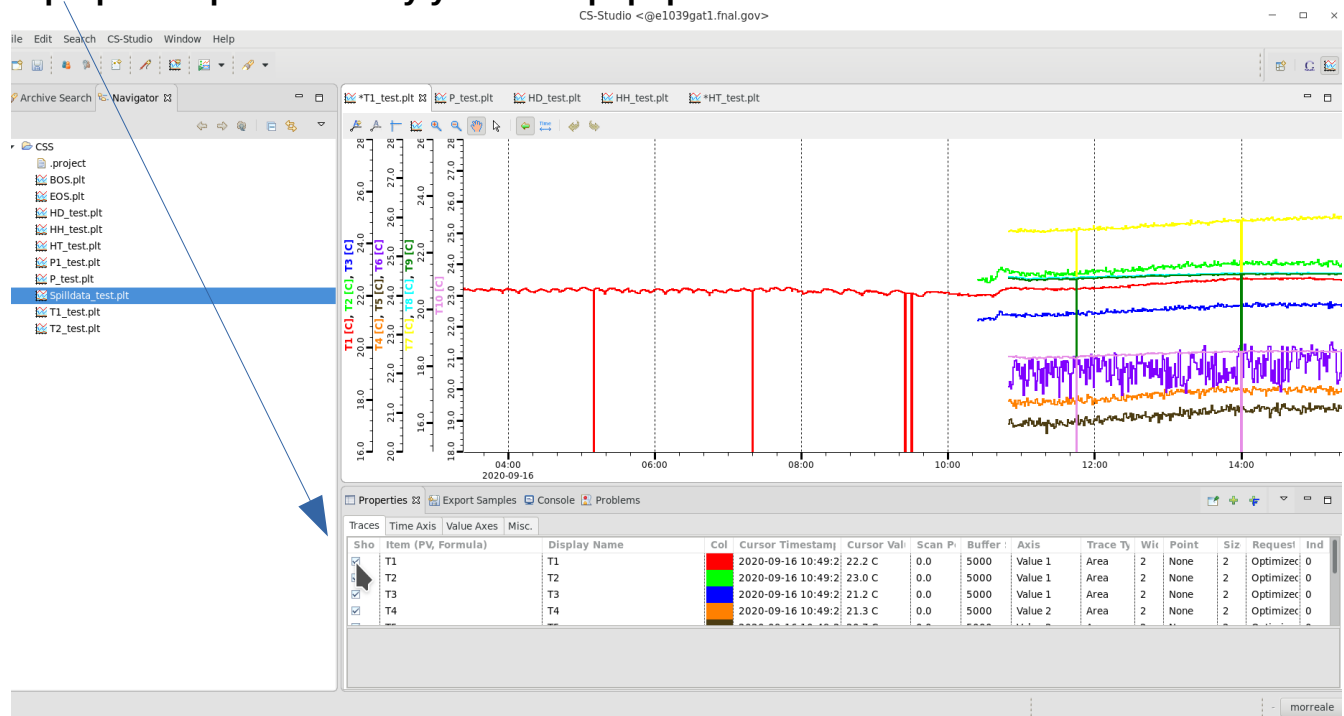


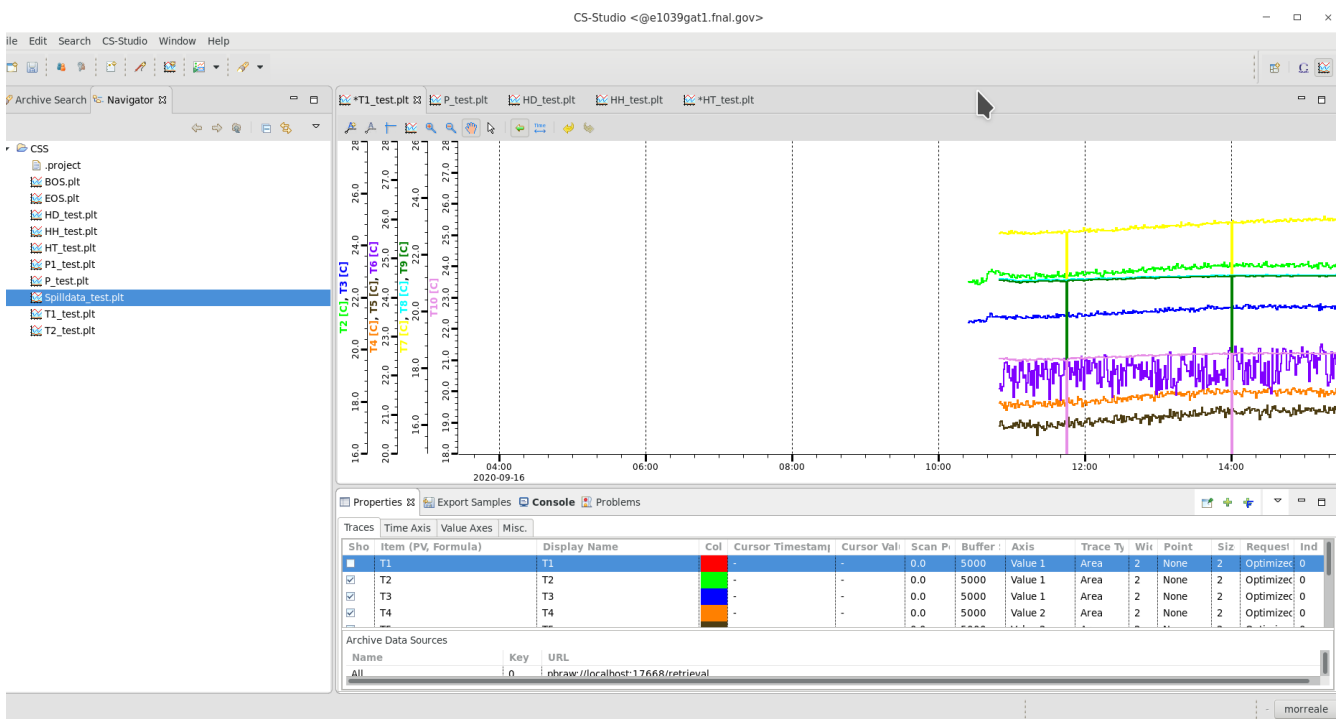
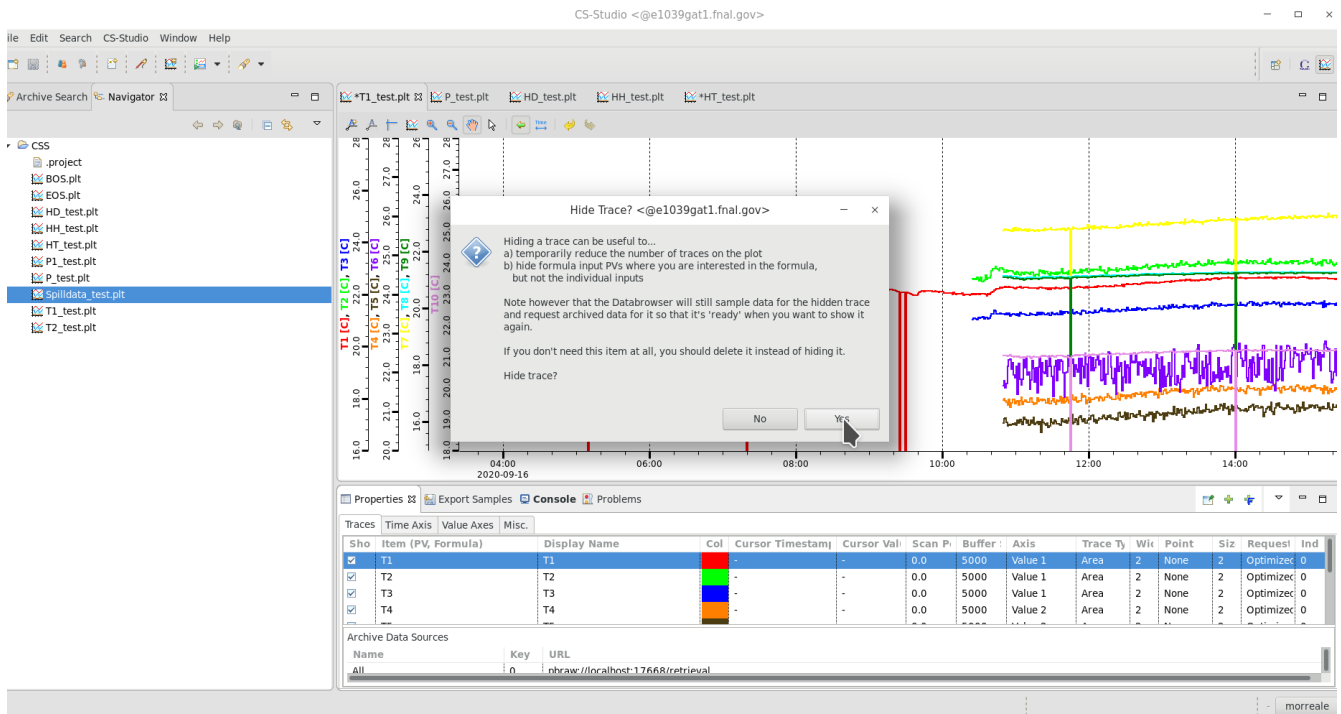
//the value at that time for each PV should update

//here is another example with all ten temperature variables



**//if the plot is too busy one can remove variables, just unclick the box on the left of the properties panel and say yes to the popup window**





**//when you are done you can just close the whole application (File → exit CS-Studio)  
do not save anything for now, just deselect (say no) whatever CS-Studio wants you to save.**