CSS setup for areaDetector

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CSS OPI Editor Perspective

- Open Perspective menu
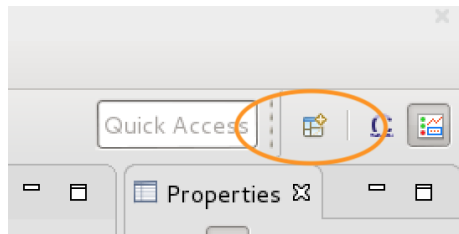

Figure 1:

CSS OPI Editor Perspective
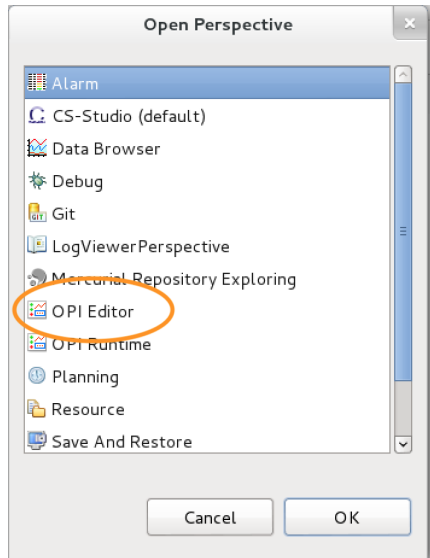

- Select OPI Editor
- OK

Figure 2:

Getting BOY displays

Get display repository. Clone location is arbitrary, but remember it.

https://github.com/waynelewis/201803_training_opi

- cd ~/build-epics
- mkdir git
- cd git
- git clone
  https://github.com/waynelewis/201803_training_opi.git

Import project into CSS

Import into CSS

- Launch CSS:
  - ▸ `cd ~/cs-studio`
  - ▸ `./cs-studio-with-pref`
- Import new files:
  - ▸ File -> Import...

Figure 3:

Import project into CSS

- General -> Existing Projects into Workspace -> Next>
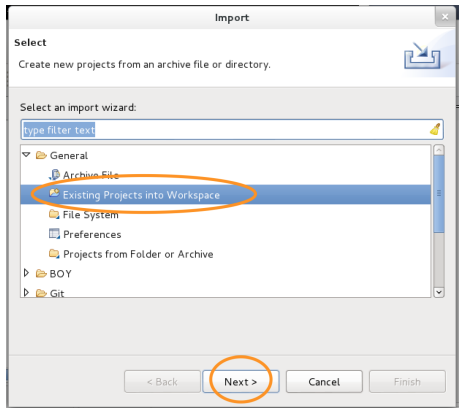
Figure 4:

Import project into CSS
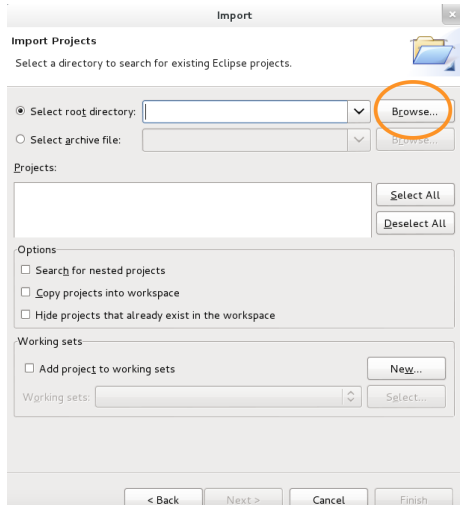

Figure 5:

- Select root directory: -> Browse

Import project into CSS

- Navigate to
  201803_training_opi directory
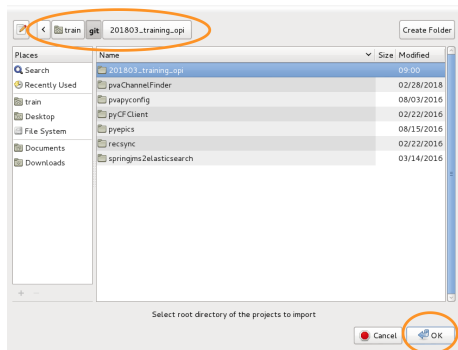 cloned earlier
- OK

Figure 6:

Import project into CSS

- Check correct directory location in 'Select root directory'
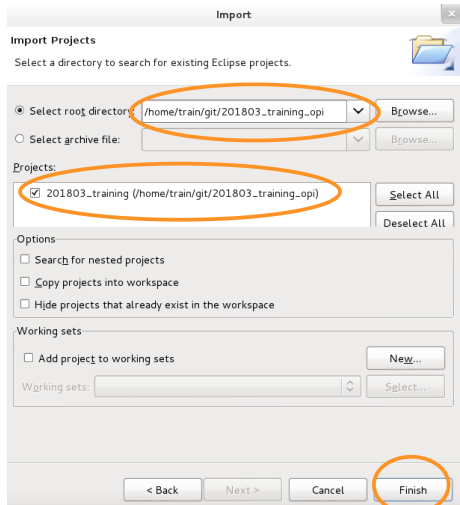- Select 201803_training under Projects: heading
- Finish

Figure 7:

Import project into CSS

- Successful import

Open OPI display

- Navigator -> 201803_training
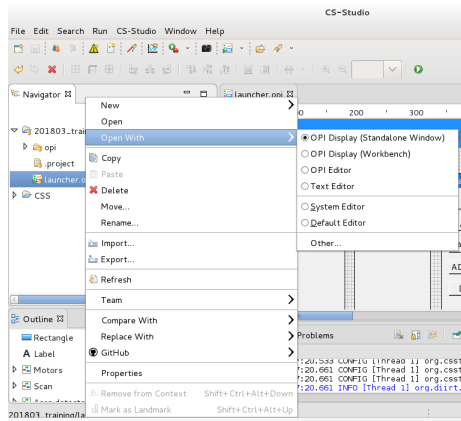- Right-click -> Context menu
- Open With -> OPI Editor

Figure 9:

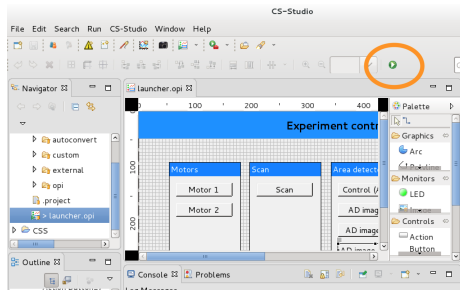# Start OPI display

Figure 10:

- `Ctrl-G` or `Run OPI` button

Setting max array bytes in CSS

Default CSS max array bytes =
16384 - not enough for images.
To set CA Max Array Bytes

- Edit -> Preferences
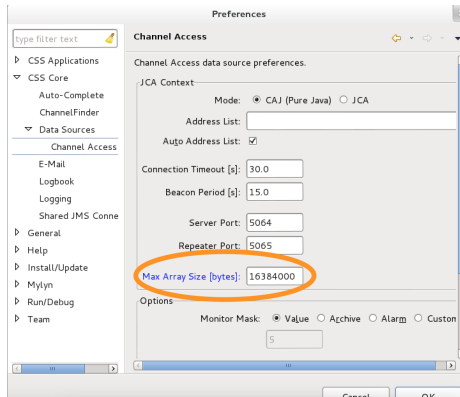- CSS Core -> Data Sources ->
  Channel Access

Figure 11: