

CS-Studio setup for areaDetector

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CS-Studio OPI Editor Perspective

- Open Perspective menu

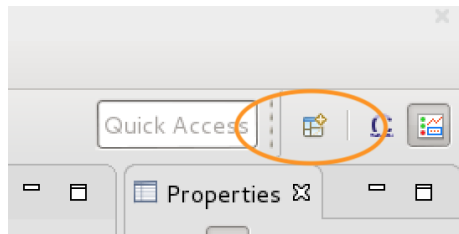


Figure 1:

CS-Studio OPI Editor Perspective

- Select OPI Editor
- OK

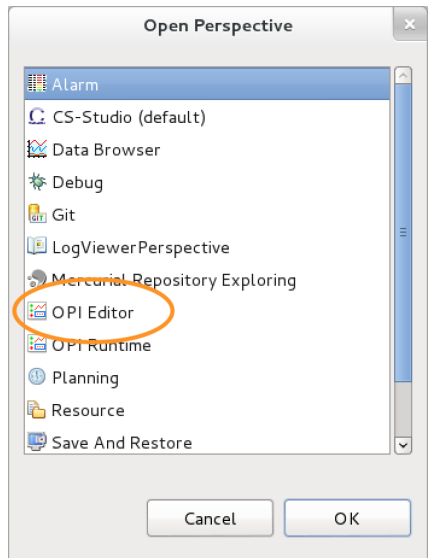


Figure 2: 

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 CS-Studio

- General -> Existing Projects into Workspace -> Next>

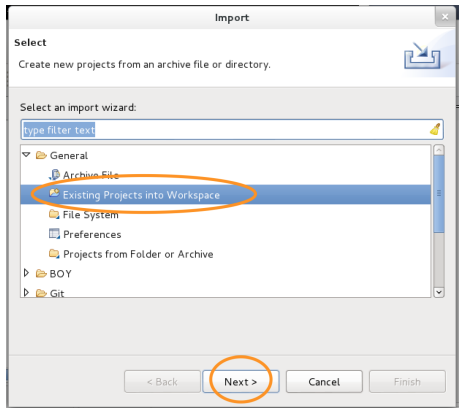


Figure 4:

Import project into CS-Studio

- Select root directory: -> Browse

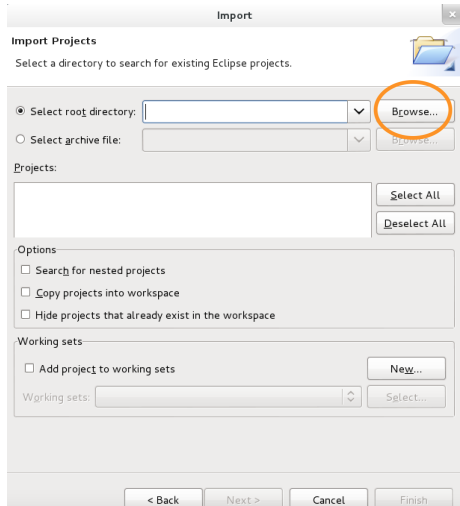


Figure 5:

Import project into CS-Studio

- Navigate to 201803_training_opi directory cloned earlier
- OK

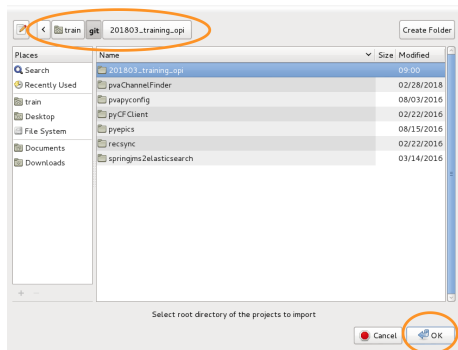


Figure 6:

Import project into CS-Studio

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

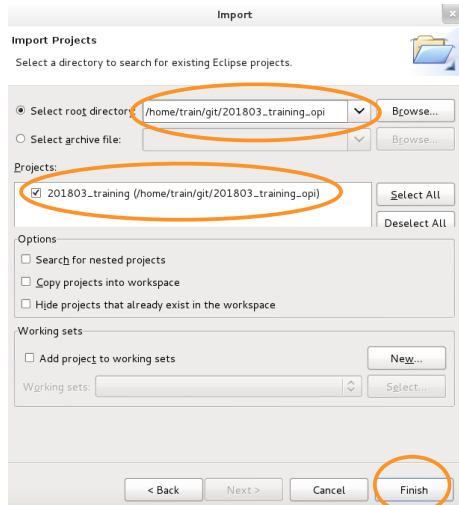


Figure 7:

Open OPI display

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

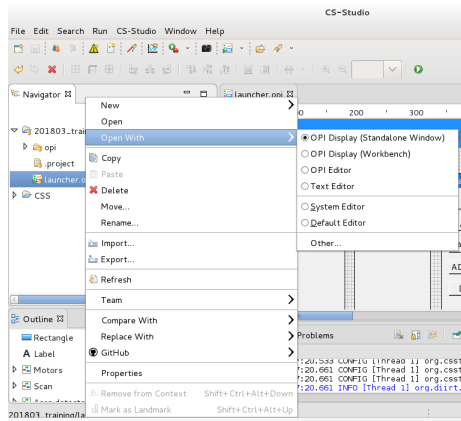


Figure 9:

Start OPI display

- Ctrl-G or Run OPI button

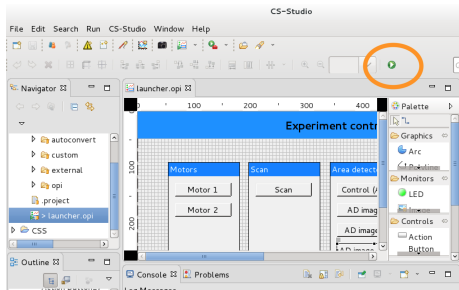


Figure 10:

Setting max array bytes in CS-Studio

Default CS-Studio max array bytes = 16384 - not enough for images.

To set CA Max Array Bytes

- Edit -> Preferences
- CS-Studio Core -> Data Sources -> Channel Access

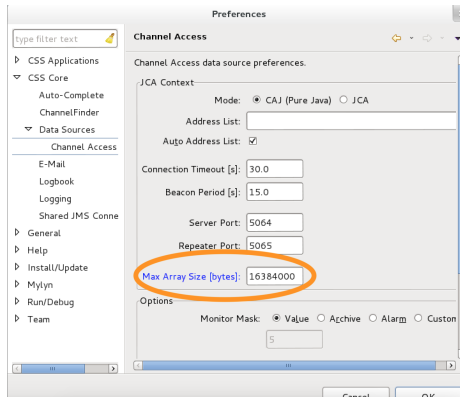


Figure 11: