

YARR Readout

General YARR Documentation and Applications

[YARR Docs](#)

[YARR readout for ITkPixV1.1 Quad module at SLAC](#)

[YARR Test Bench for Testing and GUI Dev](#)

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SLAC Local Setups

There are two YARR PC's set up at SLAC currently:

- (1) Larger YARR PC with 1 Spec PCIe card in B33 Reception area (node name BigYARRPC_Eth)
- (2) Smaller HyperX/noctua/Corsair "FELIX" workstation with 1 Spec PCIe card in Lab C. (node name spectest)

If you get this error in YARR even after flashing the firmware:

```
[18:46:45:565][ info ][ specComTest ]: Init spec
[18:46:45:565][ info ][ SpecCom ]: Opening SPEC with id #0
[18:46:45:565][critical][ SpecCom ]: Error during initilisation: Open failed
[18:46:45:565][critical][ SpecCom ]: Fatal Error! Aborting!
```

It is probably due to an issue with permissions. Just do:

```
sudo chmod 666 /dev/spec0
```

or write a udev rules file for a more permanent solution:

```
echo 'KERNEL=="spec[0-9]*", MODE="666"' | sudo tee -a /etc/udev/rules.d/99-spec.rules
```