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RCE Setup

Reminder (KAB, 26-Sep-2019): there is an "RCE" button on the right side of the main Run Control GUI that gives access to a page that supports various control functions for RCEs, including power cycling them.

Starting the RCE GUI

from np04-srv-XXX

```
source /nfs/sw/rce/setup.sh  
rce_talk CERN-1 start_gui #where 1 means COB 1
```

Setting/unsetting FEB emulation mode on the RCEs

Real WIB Data

Assuming the config is called "Coldbox":

edit Coldbox/user_run_options.fcl and set

```
daq.fragment_receiver.rce_feb_emulation_mode: false
```

Emulated Data

Assuming the config is called "Coldbox":

edit Coldbox/user_run_options.fcl and set

```
daq.fragment_receiver.rce_feb_emulation_mode: true
```

Recovery after Power Outage (for COB8 only)

COB8 has a loose switch handle. It needs special care after power outage.

```
source /nfs/sw/rce/setup.sh
rce_talk SM-CERN close_switch_cob 14
rce_talk SM-CERN close_switch_rtm 14
```

Wait about 1 minute until the blue light on the COB8's front panel is gone or COB8 RCEs are ping-able.

This topic: CENF > RCEBasicOp

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