

NAME

config – edit the hardware configuration

SYNOPSIS

config

DESCRIPTION

The `config` macro runs the configuration editor program `edconf` for the current spectrometer geometry. This program displays several configuration screens. The `motor` screen presents all the motor related parameters (step-size, stepping rate, limits, etc.) as well as the current positions of all motors. The `scaler` screen allows you to configure the scaler (counter) names and mnemonics and also which hardware channel is associated with which name. The `device` screen lets you select non-CAMAC motor controllers, timer/counters and MCA-type devices. The `interface` screen is used to select a CAMAC controller, a GPIB controller, and ports for user-level serial devices and user-level PC I/O ports. If a CAMAC device is defined, the `CAMAC` screen that shows the slot configuration will become accessible.

Help is available while running the configuration editor using the commands `?` and `H`.

When you exit `edconf`, `spec` rereads the modified configuration and re-initializes the hardware devices.

On some installations, only authorized users are able to modify the hardware configuration.

FILES

`spec.d/spectro/config`
`spec.d/spectro/settings`

DEFINITION

```
def config '  
    wait(-1)  
    sync  
    unix(sprintf("%s/edconf %s %s/%s",\  
        SPECD, set_sim(-1)? "-s:""", SPECD, SPEC))  
    reconfig  
    _assign  
,
```

SEE ALSO

`config_adm`
spec Administrator's Guide