

NAME

fixcal – adjust calibration information in run headers

SYNOPSIS

fixcal [-v] [-f] [-c calfile] runfile ...

DESCRIPTION

Fixcal allows you to change the calibration information in a previously captured run of data. The calibration information in the calibration file, including the channel names, is copied into the run header of the frame file specified by each *runfile* name. The file name suffix **.frm** is appended to each *runfile* name specified, if not already present.

See the calibration overview in *calibrate*(1) to find out more about managing calibration information.

Options

- v Provide verbose description of what is being updated.
- f Force all entries in run headers to be updated. Normally, only entries that were not set are adjusted.
- c *calfile*
Specifies the calibration file to be used for setting the calibration information in the run headers. Default is **default.cal**.

Environment Variables

The environment variable **ADGAINTYPE** should be set to "2" on your machine if gains increase by powers of 2 rather than powers of 4, as is the case when you have an EF12M. **ADMAXLEV** must be set to the maximum input voltage of your A/D converter (in microvolts), if is anything other than the default of "5000000" – it must be set to "10000000" for an EF12M. **ADGAINCODE** can be set to the desired default gain code (0 to 3), if the standard $\pm 5V$ input range is inappropriate. Note that this sets the gain code, not the resulting gain factor, which is dependent on the type of A/D converter on your machine. The reason *fixcal* is concerned with these is that they determine what the *calibrate*(1) program's initial default calibration values are. These environment variables should be set in your ".login" file, so you won't have to bother setting them each time.

FILES

default.cal
*.frm

SEE ALSO

calibrate(1), cap(1), dsepr(1)