

# Menu entry Setup

Temporary setting of some parameters of SHM. Possible values are listed in an option button menu. The default value means that the parameter takes the value out of the Configure setting and has not yet been changed. Changes made here are lost after restarting SHM.

## hardcopy

Method of creating hardcopy on printer. Currently there is no real choice. *fast* calls the script `$SH_UTIL/sd_xwd.csh` which makes use of the X-Window command `xwd`. This should be available on all platforms. *quality* calls `$SH_UTIL/sd_screendump.csh` which has been an interface to the `screendump` command of Sun Solaris 1. This is not available anymore. If somebody knows a method of making good hardcopies, he may implement it using this script.

## max. cursor

Selection of last mode of waveform cursors. Clicking the middle mouse button changes the cursor until the selected mode and then returns to no cursor. See the use of mouse buttons for details.

## normalization

Tells how the traces should be normalised on screen.

constant

amplification of traces with a constant value. All traces on display have comparable amplitudes. The displayed amplitude still depends on the number of traces on the display. Two different plots with the same number of traces on display have comparable amplitudes.

all (tot)

all traces on the display have the same amplification, the absolute size depends on the largest value read in. I.e. all traces on display have the comparable amplitudes, also different time windows of the same traces, but different traces read in later have different magnification.

all (wdw)

all traces on the display have the same amplification, the absolute size depends on the largest value within the visible window. I.e. all traces on display have comparable amplitudes, but different time windows of the same traces may have different magnification.

single (tot)

the normalization for each trace on display is different, so that the maximum value of the whole trace appears with the same amplitude on screen.

single (wdw)

the normalization for each trace on display is different, so that the maximum value of the visible window appears with the same amplitude on screen.

## trace order

Order of traces down-top or top-down.

## filter type

Which filter type should be used for filtering: FFT or recursive. See command [filter](#) for details.

## default filter

Which filter should be applied automatically after read in with *Read New* from command [Read](#). Saves some mouseclicks if you usually apply the same filter after reading new traces.

## parameter list

Tells whether the verbose form or the brief form of the analysis parameters should be displayed on the [Show parameters](#) and [Final parameters](#) commands.

## phase names

Tells whether the full phase name including onset type (e or i) and sign (c or d) should appear on the phase marks or only the plain phase name.

## display size rulers

Changes the size of the main window display. This sizes independently from the frame. If the display size is larger than the frame, scrollbars are added to the window. This enables the user e.g. to work with many traces with a reasonable resolution if he uses vertical scroll bars for the display. Be careful: if you make the window size larger than possible with the current amount of free memory SHM just crashes. This is an internal feature of X-Window, I did not yet find a way to prevent this.

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