1 Program 1dplot

1.1 Purpose

Graphs the columns of a *.1D type time series file to the screen.

1.2 Usage

1dplot [options] tsfile

1.3 Options

-sep = Plot each column in a separate sub-graph.

-one = Plot all columns together in one big graph. [default = -sep]

-dx xx = Spacing between points on the x-axis is 'xx' [default = 1]

-ignore nn = Skip first 'nn' rows in the input file [default = 0]

-xlabel aa = Put string 'aa' below the x-axis [default = no axis label]

-ylabel aa = Put string 'aa' to the left of the y-axis [default = no axis label]

-ynames aa bb ... = Use the strings 'aa', 'bb', etc., as labels to the right of the graphs, corresponding to each input column. These strings CANNOT start with the '-' character.

-volreg = Makes the 'ynames' be the same as the 6 labels used in plug_volreg for Roll, Pitch, Yaw, I-S, R-L, and A-P movements, in that order.

You may also select a subset of columns to display using a tsfile specification like 'fred.1D[0,3,5]', indicating that columns #0, #3, and #5 will be the only ones plotted. For more details on this selection scheme, see the output of '3dcalc -help'.

1.4 Example

To graph a 'dfile' output by 3dvolreg, when TR=5, use:

```
1dplot -volreg -dx 5 -xlabel Time 'dfile[1..6]'
```