

## ORIENTATION

### PURPOSE

Specifies the page orientation for subsequent plots.

### DESCRIPTION

Many laser printers and penplotters are able to produce plots in either a landscape or portrait orientation. In addition, many plotters have a "large" size. The ORIENTATION command can take advantage of these different page modes on devices that support them. On devices that do not (e.g., most terminal screens), it tries to emulate it. The POSTER mode is only supported on a few penplotters (it is the same as FULL on other devices).

The Postscript, QMS, Zeta, Calcomp, and X11 devices support explicit landscape and portrait modes. Other devices emulate them by maintaining the aspect ratio and using the full screen size in one direction and centering the plot in the other direction. However, the plot is not rotated on the device.

The orientation can be toggled as many times as desired in a given DATAPLOT session.

### SYNTAX

ORIENTATION <LANDSCAPE/FULL/PORTRAIT/POSTER>

where LANDSCAPE specifies a landscape orientation (11 by 8.5), PORTRAIT specifies a portrait orientation (8.5 by 11), FULL specifies the full device area, and POSTER sets a poster size (30 by 30).

### EXAMPLES

```
ORIENTATION LANDSCAPE
ORIENTATION PORTRAIT
ORIENTATION POSTER
```

### NOTE

This command only applies to devices that are active when the command is entered. That is, enter the commands in the following order:

```
DEVICE 2 POSTSCRIPT
ORIENTATION PORTRAIT
```

If the ORIENTATION command is entered before the DEVICE command, it has no effect on that device. The one exception to this is the X11 driver. It only honors the orientation if the ORIENTATION is entered before the X11 command. In order to activate both X11 and a Postscript device, enter the commands in the following order:

```
DEVICE 2 POSTSCRIPT
ORIENTATION PORTRAIT
DEVICE 1 X11
```

Postscript output sent to DEVICE 3 (which only contains the most recent plot) does not honor the ORIENTATION command. It always prints in landscape mode.

### DEFAULT

Landscape

### SYNONYMS

None

### RELATED COMMANDS

PLOT	=	Generates a data or function plot.
ERASE	=	Start a new page on the device.

### APPLICATIONS

Presentation graphics

### IMPLEMENTATION DATE

89/2