

**PP****PURPOSE**

Send the most recent plot to the printer.

**DESCRIPTION**

DATAPLOT supports three output devices. DEVICE 1 output goes to the terminal screen while DEVICE 2 and DEVICE3 output is sent to files. DEVICE 2 output contains the graphics output from all commands subsequent to the DEVICE 2 <device> command. DEVICE 3 (in file DPPL2F.DAT, the name may vary on some systems) output is closed and re-opened at the beginning of a plot command, so it only contains the most recent plot. The PP command prints the DEVICE 3 output.

**SYNTAX**

PP

**EXAMPLES**

PP

**NOTE 1**

This command is operating system dependent. It is currently supported on the IBM PC and Unix (except Cray UNICOS). It has been coded (but not tested) for VAX/VMS. The primary requirement for supporting it on other systems is the ability to send a command to the operating system from a Fortran program. Contact your local site installer to see about adding this capability to your version if it does not currently work.

**NOTE 2**

This command sends the file to the default printer. On the IBM PC, this is LPT1 (i.e., the printer connected to your PC). For Unix, enter the command:

```
setenv PRINTER <printer-id>
```

before entering DATAPLOT. For Unix systems, if the printer name for ASCII text output and Postscript output differs, only one of the commands PP and / PRINTER will be available in a given session. Entering the command

```
SYSTEM setenv PRINTER <printer-id>
```

will not work to toggle the printer name since the environment for the system command reverts back after completion of the SYSTEM command.

**NOTE 3**

By default, Postscript output is generated. To use another device, enter the following commands:

```
DEVICE 3 CLOSE  
DEVICE 3 <device> <model>
```

**NOTE 4**

When generating complex and time consuming plots, you may want to suppress the DEVICE 3 output. Enter the following commands to do this:

```
DEVICE 3 CLOSE  
DEVICE 3 NULL
```

**NOTE 5**

For Postscript devices, DATAPLOT normally generates a blank page before the first plot (to avoid problems if diagrammatic graphics are done before the first plot). This feature can be a bit of a nuisance for the PP command since only one plot is printed. The BLANK POSTSCRIPT command is used to control whether this blank page is generated (by default, it is not for DEVICE 3). This command does not affect Postscript output sent to device 2 (use the PRE-ERASE OFF for a similar effect).

**DEFAULT**

None

**SYNONYMS**

None

## RELATED COMMANDS

- / PRINTER = Re-execute saved commands and send the output to the printer.
- / PSPRINTER = Re-execute saved commands and send the output to the printer in Postscript format.

## APPLICATIONS

Graphics output

## IMPLEMENTATION DATE

92/7

## PROGRAM

```
PLOT X**2 FOR X = 1 1 9
PP
```