

## SET IO

### PURPOSE

Allows DATAPLOT macros to prompt for parameters interactively.

### DESCRIPTION

When a DATAPLOT macro is being executed, and a READ with no file specification is encountered, then the data is assumed to immediately follow the READ in the macro (and continues until an END OF DATA is encountered). However, it is sometimes desirable for the macro to prompt the user for input values. This is useful in constructing macros which act as self-prompting menu systems. The SET IO command allows the macro to specify that the input is to come from the terminal rather than the macro file.

### SYNTAX

SET IO <TERMINAL>

where <TERMINAL> means that subsequent READ commands will read from the terminal rather than the macro file while no argument means subsequent READ commands will read from the macro file.

### EXAMPLES

```
SET IO TERMINAL
SET IO
```

### NOTE

The SET IO command is useful for creating "menu macros." These are macros that contain user written menu prompts. The DATAPLOT Reference Files chapter has a section called "Menu Macro Files." These are on-line examples of menu macro files.

### DEFAULT

Read from the macro file.

### SYNONYMS

None

### RELATED COMMANDS

READ	=	Read data, parameters, strings.
CALL	=	Execute commands from a file.

### APPLICATIONS

Menu Macros

### IMPLEMENTATION DATE

87/4

### PROGRAM

```
SET IO TERMINAL
WRITE "ENTER VALUE FOR PARAMETER A:"
READ PARAMETER A
SET IO
LET B = A**2
PRINT A B
```