

SAVE MEMORY

PURPOSE

Writes out all internal DATAPLOT parameters, variables, functions, and switches to a file.

DESCRIPTION

The SAVE MEMORY command allows the analyst to interrupt a DATAPLOT run (due to a meeting, lunch, etc.) without loss. The RESTORE MEMORY command allows the analyst to reload the settings and resume at the point of interruption.

The file is dumped using Fortran unformatted write statements. This means that these files cannot be restored to a version of DATAPLOT running on another type of machine (it may work if the machines use the same operating system). This command is intended to allow for short term interruptions, not for permanent archiving.

SYNTAX

SAVE MEMORY <file name>

where <file name> is the name of a file where the internal settings are saved.

If the file name does not contain a period, place a period (no spaces) at the end of the file name.

EXAMPLES

SAVE MEMORY OUT.

SAVE MEMORY SCRATCH.

SAVE MEMORY TEMP.DAT

NOTE 1

DATAPLOT has no restrictions on the file name other than it be a valid file name on the local operating system and that it contain a period "." in the file name itself or as a trailing character. DATAPLOT strips off trailing periods on those systems where it is appropriate to do so. On systems where trailing periods can be a valid file name (e.g., Unix), DATAPLOT opens the file with the trailing period.

NOTE 2

File names are case sensitive on Unix file systems. For Unix, DATAPLOT opens the file as given. All other currently supported systems are not case sensitive regarding file names.

As a further caution for Unix hosts, certain expansion characters (specifically using "~" to refer to your home directory) are interpreted by the shell and are not recognized by the Fortran compiler. These expansion characters are interpreted as literal characters and do not yield the intended file name.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

RESTORE MEMORY	=	Restore all internal DATAPLOT settings from a previously saved file.
RESET	=	Reset internal DATAPLOT settings to their default values.

APPLICATIONS

Interactive convenience

IMPLEMENTATION DATE

Pre-1987