

WRITE FORMAT (SET)

PURPOSE

Sets the (optional) Fortran format for the WRITE command.

DESCRIPTION

Any Fortran-like format must contain only F (floating-point), E (exponential), and X (blanks) specifications. I (integer), D (double-precision), H (Hollerith), etc. specifications are not permitted. The restriction against I format is no restriction at all. Simply use the corresponding F format (thus I2 becomes F2.0, I8 becomes F8.0, etc.).

SYNTAX

```
SET WRITE FORMAT <s>
```

where <s> is a string containing a Fortran format.

EXAMPLES

```
SET WRITE FORMAT 4F10.0
SET WRITE FORMAT 5X,F6.0,F6.2,4X,2F5.0
SET WRITE FORMAT 10X,3E12.4,5X,F10.0
SET WRITE FORMAT
SET WRITE FORMAT 3F10.0
WRITE CALIB.DAT X Y Z
```

DEFAULT

Data dependent

SYNONYMS

None

RELATED COMMANDS

WRITE	=	Write data to a file.
READ FORMAT	=	Set an optional Fortran format for subsequent read operations.
WRITE DECIMALS	=	Specify the number of digits to the right of the decimal point for the WRITE command.

APPLICATIONS

Data output

IMPLEMENTATION DATE

88/3

PROGRAM

```
LET Y = NORMAL RANDOM NUMBERS FOR I = 1 1 100
WRITE RANDOM.DAT Y
SET WRITE FORMAT F10.5
WRITE RANDOM2.DAT Y
LIST RANDOM.DAT
LIST RANDOM2.DAT
```