

**WRITE REWIND (SET)****PURPOSE**

Specify whether or not a file being written to is closed and rewound after the completion of the write operation.

**DESCRIPTION**

Normally DATAPLOT writes to the beginning of a file. This means that if the file already exists, it is overwritten. However, there are occasions where it is useful to do multiple WRITES to the same file. This command specifies that files being written to are not rewound (more specifically, when a write is performed, the file is left open at its current position and so the additional text is appended to the previous text).

**SYNTAX**

SET WRITE REWIND <ON/OFF>

where ON specifies that the file is rewound after the completion of a write operation while OFF specifies that the file is left open at its current position.

**EXAMPLES**

```
SET WRITE REWIND ON
SET WRITE REWIND OFF
```

**NOTE**

This command does NOT open the file in append mode. This means that the first WRITE still overwrites a previously existing file even if the WRITE REWIND switch is set to OFF.

**DEFAULT**

Files are rewound before writing (i.e., ON).

**SYNONYMS**

None

**RELATED COMMANDS**

READ	=	Carries out a column-wise input of data.
SERIAL READ	=	Carries out a line-wise input of data.
READ FUNCTION	=	Read a function.
READ PARAMETER	=	Read a parameter.
READ MATRIX	=	Read a matrix.
READ STRING	=	Read a string.
READ REWIND	=	Specify file rewind when reading a file.

**APPLICATIONS**

Data output

**IMPLEMENTATION DATE**

88/3

**PROGRAM**

```
SET WRITE REWIND OFF
LET Y1 = NORMAL RANDOM NUMBERS FOR I = 1 1 100
WRITE RANDOM.DAT "NORMAL RANDOM NUMBERS"
WRITE RANDOM.DAT Y1
LET Y2 = EXPONENTIAL RANDOM NUMBERS FOR I = 1 1 100
WRITE RANDOM.DAT "EXPONENTIAL RANDOM NUMBERS"
WRITE RANDOM.DAT Y2
```