

**DISTRIBU****PURPOSE**

Symbolic name for DATAPLOT's distributions file. It is used with the SEARCH and LIST commands.

**DESCRIPTION**

DATAPLOT has an extensive collection (about 38) of probability distributions. It is possible to generate density, cumulative, and percent point values, random numbers, and probability plots for each of these distributions (some of the distributions only support a subset of these capabilities). Probability plot correlation coefficient plots can be generated for many of them.

**SYNTAX**

None

**EXAMPLES**

```
SEARCH DISTRIBU WEIBULL
LIST DISTRIBU FOR I = 1 1 35
```

**NOTE**

The DISTRIBU file is stored in the DATAPLOT directory. It has the name DISTRIBU (or distribu for Unix systems). The exact file name and the directory where it is stored can vary depending on the installation (see your local DATAPLOT implementor to find the exact name on your system).

If DATAPLOT is unable to open the distributions file, it is most likely because the directory name is not specified correctly in the local DATAPLOT code. See your local DATAPLOT implementor to have this corrected.

**DEFAULT**

None

**SYNONYMS**

None

**RELATED COMMANDS**

SEARCH	=	Search a file for a string.
LIST	=	Lists the contents of a file.
DIRECTORY	=	Symbolic name for DATAPLOT's directory file.
DICTIONARY	=	Symbolic name for DATAPLOT's dictionary file.
DATASETS	=	Symbolic name for DATAPLOT's data sets file.
DESIGNS	=	Symbolic name for DATAPLOT's design of experiments file.
SYNTAX	=	Symbolic name for DATAPLOT's syntax file.
MACROS	=	Symbolic name for DATAPLOT's macros file.
PROGRAMS	=	Symbolic name for DATAPLOT's programs file.
COMMANDS	=	Symbolic name for DATAPLOT's commands file.
FUNCTION	=	Symbolic name for DATAPLOT's function file.

**APPLICATIONS**

Documentation

**IMPLEMENTATION DATE**

93/12

**PROGRAM**

LIST DISTRIBU