Specifying Loading Options for Each Matlab Matrix

The /Z flag instructs MLLoadWave to load each Matlab object (matrix, vector, variable, string) step by step. MLLoadWave presents a dialog for each Matlab object in the file. You can choose to load or skip the object. If you omit the /Z flag, MLLoadWave will load all objects in the file without presenting any dialogs.

Output Variables

MLLoadWave sets the following output variables:

`S_path`	File system path to the folder containing the file. This is a system file path (e.g., "hd:FolderA:FolderB:"), not an Igor symbolic path. The path uses Macintosh path syntax, even on Windows, and has a trailing colon.
`S_fileName`	Name of the loaded file.
`V_flag`	Number of waves created.
`V_flag1`	Number of Matlab data sets (2D, 3D, or 4D) loaded.
`V_flag2`	Number of waves created.
`V_flag3`	Number of numeric variables created.
`V_flag4`	Number of string variables created.
`S_waveNames`	Semicolon-separated list of the names of loaded waves.

Prior to MLLoadWave 5.50, the variables V_Flag1, V_Flag2, V_Flag3 and V_Flag4 were named V1_Flag, V2_Flag, V3_Flag and V4_Flag.

See Also

Symbolic Paths on page II-22

See **Loading Matlab MAT Files** on page II-163 for background information, including configuration instructions.

mod

mod(*num*, *div*)

The mod function returns the remainder when *num* is divided by *div*.

The mod function may give unexpected results when *num* or *div* is fractional because most fractional numbers can not be precisely represented by a finite-precision floating point value.

See Also

trunc, **gcd**

ModDate

ModDate(*waveName*)

The ModDate function returns the modification date/time of the wave.

Details

The returned value is a double precision Igor date/time value, which is the number of seconds from 1/1/1904. It returns zero for waves created by versions of Igor prior to 1.2, for which no modification date/time is available.

See Also

WaveModCount, **Secs2Date**, **Secs2Time**