

DataFolderExists

DataFolderExists (*dataFolderNameStr*)

The DataFolderExists function returns the truth that the specified data folder exists.

dataFolderNameStr can be a full path or partial path relative to the current data folder.

If *dataFolderNameStr* is empty (""), DataFolderExists returns 1 because, for historical reasons, an empty data folder path is taken to refer to the current data folder.

See Also

Chapter II-8, **Data Folders**.

DataFolderList

DataFolderList (*matchStr*, *separatorStr* [, *dfr*])

The DataFolderList function returns a string containing a list of data folder names selected based on the *matchStr* parameter. The data folders listed are all within the current data folder or the folder specified by *dfr*.

The DataFolderList function was added in Igor Pro 9.00.

Details

For a data folder name to appear in the output string, it must match *matchStr*. *separatorStr* is appended to each data folder name as the output string is generated.

The name of each data folder is compared to *matchStr*, which is some combination of normal characters and the asterisk wildcard character that matches anything. For example:

"*"	Matches all data folder names.
"xyz"	Matches data folder name xyz only.
"*xyz"	Matches data folder names which end with xyz.
"xyz*"	Matches data folder names which begin with xyz.
"*xyz*"	Matches data folder names which contain xyz.
"abc*xyz"	Matches data folder names which begin with abc and end with xyz.

matchStr may begin with the "!" character to return items that do not match the rest of *matchStr*. For example:

"!*xyz"	Matches data folder names which do not end with xyz.
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The "!" character is considered to be a normal character if it appears anywhere else.

dfr is an optional data folder reference: a data folder name, an absolute or relative data folder path, or a reference returned by, for example, **GetDataFolderDFR**.

The returned list contains data folder names only, without data folder paths. Use **GetDataFolder** to get the data folder path prefix.

Liberal data folder names are quoted if necessary; see **Liberal Object Names** on page III-501.

Examples

```
NewDataFolder/O aSubDataFolder
NewDataFolder/O 'Another quoted subfolder'

// Print the list of data folders in the current data folder whose names begin with a or A
Print DataFolderList("a*", ";")
aSubDataFolder; 'Another quoted subfolder';

// Print the list of all data folders in the root:Packages data folder.
Print DataFolderList("*", ";", root:Packages)
WM_MedianXY; WM_WaveSelectorList; WindowCoordinates;
```

See Also

Data Folders on page II-107, **GetDataFolderDFR**, **GetIndexedObjName**, **StringList**, **StringFromList**, **VariableList**, **WaveList**, **PossiblyQuoteName**