

## DataFolderExists

### 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**