

```

        // Do something with item
        offset += strlen(item) + separatorLen
    endfor
End

```

See Also

The **AddListItem**, **ItemsInList**, **FindListItem**, **RemoveListItem**, **RemoveFromList**, **WaveList**, **WhichListItem**, **StringByKey**, **ListMatch**, **ControlNameList**, **TraceNameList**, **StringList**, **VariableList**, and **FunctionList** functions.

StringList

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

The StringList function returns a string containing a list of global string variables selected based on the *matchStr* parameter. The string variables listed are all in the current data folder or the data folder specified by *dfr*.

Details

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

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

"*"	Matches all string variable names
"xyz"	Matches name xyz only
"*xyz"	Matches names which end with xyz
"xyz*"	Matches names which begin with xyz
"*xyz*"	Matches names which contain xyz
"abc*xyz"	Matches names which begin with abc and end with xyz

The returned list contains names only, without data folder paths. Thus, they are not suitable for accessing string variables outside the current or specified data folder.

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

"!*xyz"	Matches variable names which <i>do not</i> end with xyz
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The ! character is considered to be a normal character if it appears anywhere else, but there is no practical use for it except as the first character of *matchStr*.

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 *dfr* parameter requires Igor Pro 9.00 or later.

Examples

StringList("*", ";")	Returns a list of all string variables in the current data folder.
StringList("S_*", ";")	Returns a list of all string variables in the current data folder whose names begin with "S_".

See Also

VariableList, **WaveList**, **DataFolderList**