GetFormula

GetFormula(*objName*)

The GetFormula function returns a string containing the named object's dependency formula. The named object must be a wave, numeric variable or string variable.

Details

Normally an object will have an empty dependency formula and GetFormula will return an empty string (**""**). If you assign a expression to an object using the := operator or the SetFormula operation, the text on the right side of the := or the parameter to SetFormula is the object's dependency formula and this is what GetFormula will return.

Examples

```
Variable/G dependsOnIt
Make/O wave0 := dependsOnIt*2    //wave0 changes when dependsOnItdoes
Print GetFormula(wave0)
```

Prints the following in the history area:

```
  dependsOnIt*2
```

See Also

See **Dependency Formulas** on page IV-230, and the **SetFormula** operation.

GetGizmo

GetGizmo [*flags*] *keyword* [*=value*]

The GetGizmo operation provides information about a Gizmo display window.

Documentation for the GetGizmo operation is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "GetGizmo"
```

GetIndependentModuleName

GetIndependentModuleName()

The GetIndependentModuleName function returns the name of the currently running Independent Module. If no independent module is running, it returns "ProcGlobal".

See Also

 Independent Modules on page IV-238.

IndependentModuleList.

GetIndexedObjName

GetIndexedObjName(*sourceFolderStr*, *objectType*, *index*)

The GetIndexedObjName function returns a string containing the name of the indexth object of the specified type in the data folder specified by the string expression.

GetIndexedObjNameDFR is preferred.

Parameters

sourceFolderStr can be either **":"** or **""** to specify the current data folder. You can also use a full or partial data folder path. *index* starts from zero. If no such object exists a zero length string (**""**) is returned. *objectType* is one of the following values:

objectType	What You Get
1	Waves
2	Numeric variables
3	String variables
4	Data folders