MacroList

Details

Because macros exist only in the ProcGlobal context, *macroNameStr* must contain a simple name, not be a double name in `<module>#<name>` format.

The returned string contains several groups of information. Each group is prefaced by a keyword and colon, and terminated with the semicolon. The keywords are as follows:

Keyword	Information Following Keyword
NAME	The name of the macro. Same as contents of *macroNameStr* in most cases.
PROCWIN	Title of procedure window containing the macro definition.
PROCLINE	Line number within the procedure window of the macro definition.
MODULE	Module containing macro definition (see **Regular Modules** on page IV-236). Blank if the procedure window lacks a #pragma moduleName definition.
KIND	Macro, Proc or Window.
N_PARAMS	Number of parameters for this macro.
SUBTYPE	The macro subtype.

See Also

Macro, **Proc**, **Window**, **MacroList**, **MacroPath**, **FunctionInfo**, **StringByKey**, **NumberByKey**

MacroList

```
MacroList(matchStr, separatorStr, optionsStr)
```

The MacroList function returns a string containing a list of the names of user-defined procedures that start with the Proc, Macro, or Window keywords that also satisfy certain criteria. Note that if the procedures need to be compiled, then MacroList may not list all of the procedures.

Parameters

Only macros having names that match *matchStr* string are listed. See **WaveList** for examples.

separatorStr is appended to each macro name as the output string is generated. *separatorStr* is usually ";" for list processing (See **Processing Lists of Waves** on page IV-198 for details on list processing).

optionsStr is used to further qualify the macros. It is a string containing keyword-value pairs separated by commas. Available options are:

KIND:*nk*	Determines the kind of procedure returned.

    nk=1:   List Proc procedures.

    nk=2:   List Macro procedures.

    nk=4:   List Window procedures.

    nk can be the sum of these values to match multiple procedure kinds. For example, use 3 to list both Proc and Macro procedures.

NPARAMS:*np*	Restricts the list to macros having exactly *np* parameters. Omitting this option lists macros having any number of parameters.
SUBTYPE:*typeStr*	Lists macros that have the type *typeStr*. That is, you could use ButtonControl as *typeStr* to list only macros that are action procedures for buttons.

WIN:*windowNameStr*

    Lists macros that are defined in the named procedure window. "Procedure" is the name of the built-in procedure window.

    Note: Because *optionsStr* keyword-value pairs are comma separated and procedure window names can have commas in them, the WIN: keyword must be the last one specified.