Use RemoveFromList to remove item(s) from a string containing a list of items separated by a string (usually a single ASCII character), such as those returned by functions like **TraceNameList** or **AnnotationList**, or a line from a delimited text file.

If all items in *itemOrListStr* are not found or if any of the arguments is **" "** then *listStr* is returned unchanged (unless *listStr* contains only list separators, in which case an empty string is returned).

listSepStr and *matchCase* are optional; their defaults are ";" and 1 respectively.

Details

itemStr may have any length.

listStr is searched for an instance of the item string(s) bound by *listSepStr* on the left and right. All instances of the item(s) and any trailing *listSepStr* (if any) are removed from the returned string.

If the resulting string contains only *listSepStr* characters, then an empty string (**""**) is returned.

listStr is treated as if it ends with a *listSepStr* even if it doesn't.

Searches for *listSepStr* are case-sensitive. Searches for *items* in *itemOrListStr* are usually case-sensitive. Setting the optional *matchCase* parameter to 0 makes the comparisons case insensitive.

In Igor6, only the first byte of *listSepStr* was used. In Igor7 and later, all bytes are used.

If *matchCase* is specified, then *listSepStr* must also be specified.

Examples

```
Print RemoveFromList("wave1", "wave0;wave1;")        // prints "wave0;"
Print RemoveFromList("wave1", ";wave1;;;;")          // prints ""
Print RemoveFromList("KEY=joy", "AX=3,KEY=joy", ",") // prints "AX=3,"
Print RemoveFromList("fred", "fred\twilma", "\t")    // prints "wilma"
Print RemoveFromList("fred;barney","fred;wilma;barney")// prints "wilma;"
Print "X"+RemoveFromList("",";;;;")+"Y"              // prints "XY"
Print RemoveFromList("FRED", "fred;wilma")           // prints "fred;wilma"
Print RemoveFromList("FRED", "fred;wilma", ";", 0)   // prints "wilma"
```

See Also

The **FindListItem**, **FunctionList**, **ItemsInList**, **RemoveByKey**, **RemoveListItem**, **StringFromList**, **StringList**, **TraceNameList**, **UpperStr**, **VariableList**, and **WaveList** functions.

RemoveFromTable

RemoveFromTable [*/W=winName*] *columnSpec* [, *columnSpec*]…

The RemoveFromTable operation removes the specified columns from the top table.

Parameters

*columnSpec*s are the same as for the **Edit** operation; usually they are just the names of waves.

Flags

/W=*winName*	Removes columns from the named table window or subwindow. When omitted, action will affect the active window or subwindow.
	When identifying a subwindow with *winName*, see **Subwindow Syntax** on page III-92 for details on forming the window hierarchy.

See Also

Edit about *columnSpec*s, and **AppendToTable**.

RemoveImage

RemoveImage [*/W=winName/Z*] *imageInstance* [, *imageInstance*]…

The RemoveImage operation removes the given image from the target or named graph.

Parameters

imageInstance is usually simply the name of a wave. More precisely, *imageInstance* is a wave name, optionally followed by the # character and an instance number to identify which image of a given wave is to be removed.