

## MoveVariable

**MoveVariable** *sourceVar*, *destDataFolderPath* [*newname*]

The MoveVariable operation removes the source numeric variable and places it in the specified location optionally with a new name.

### Parameters

*sourceVar* can be just the name of a numeric variable in the current data folder, a partial path (relative to the current data folder) and variable name or an absolute path (starting from root) and variable name.

*destDataFolderPath* can be a partial path (relative to the current data folder) or an absolute path (starting from root).

### Details

An error is issued if a variable or wave of the same name already exists at the destination.

### Examples

```
MoveVariable :foo:v1,:bar:           // Move v1 into data folder bar
MoveVariable :foo:v1,:bar:vv1       // Move v1 into bar with new name vv1
```

### See Also

The **MoveString**, **MoveWave**, and **Rename** operations; and Chapter II-8, **Data Folders**.

## MoveWave

**MoveWave** *sourceWave*, [*destDataFolderPath*:] [*newName*]

The MoveWave operation removes the source wave and places it in the specified location optionally with a new name.

If you want to rename a wave without moving it, use **Rename** instead.

### Parameters

*sourceWave* can be just the name of a wave in the current data folder, a partial path (relative to the current data folder) and wave name, an absolute path (starting from root) and wave name, or a wave reference variable in a user-defined function.

*destDataFolderPath* can be a partial path (relative to the current data folder), an absolute path (starting from root), or a data folder reference (DFREF) in a user-defined function. If the destination is a null DFREF, the wave is moved to the current data folder.

### Details

An error is issued if a variable or wave of the same name already exists at the destination.

### MoveWave Destination

Depending on the syntax you use, MoveWave may move sourceWave to another data folder, rename sourceWave, or both. To explain this, we show examples below which call this setup function:

```
Function Setup()
  SetDataFolder root:
  KillDataFolder root:           // clear out any previous stuff
  NewDataFolder/O root:DF0
  Make/O root:wave0
End
```

The Setup function gives you a data hierarchy like this:

```
root (<- current data folder)
  wave0
  DF0
```

// 1. Simple dest name: Renames wave0 as wave1

```
Function Demo1()
  Setup()
  Wave w = root:wave0
  MoveWave w, wave1             // Use Rename instead
End
```

// 2. Dest path with trailing colon: Moves wave0 without renaming

```
Function Demo2()
  Setup()
```