

## ResumeUpdate

### ResumeUpdate

The ResumeUpdate operation cancels the corresponding **PauseUpdate**.

This operation is of use in macros. It is not allowed from the command line. It is allowed but has no effect in user-defined functions. During execution of a user-defined function, windows update only when you explicitly call the DoUpdate operation.

### See Also

The **DelayUpdate**, **DoUpdate**, and **PauseUpdate** operations.

## return

### return [expression]

The return flow control keyword immediately stops execution of the current procedure. If called by another procedure, it returns *expression* and control to the calling procedure.

Functions can return only a single value directly to the calling procedure with a return statement. The return value must be compatible with the function type. A function may contain any number of return statements; only the first one encountered during procedure execution is evaluated.

A macro has no return value, so return simply quits the macro.

### See Also

The **Return Statement** on page IV-35.

## Reverse

**Reverse** [*type flags*] [/DIM=*d* /P] *waveA* [/D = *destWaveA*] [, *waveB* [/D = *destWaveB*] [, ...]]

The Reverse operation reverses data in a wave in a specified dimension. It does not accept text waves.

### Flags

/DIM = <i>d</i>	Specifies the wave dimension to reverse. <i>d</i> =-1: Treats entire wave as 1D (default). For <i>d</i> =0, 1, ..., operates along rows, columns, etc.
/P	Suppresses adjustment of dimension scaling. Without /P the scaled dimension value of reversed points remains the same.

### Type Flags (*used only in functions*)

Reverse also can use various type flags in user functions to specify the type of destination wave reference variables. These type flags do not need to be used except when it is needed to match another wave reference variable of the same name or to identify what kind of expression to compile for a wave assignment. See **WAVE Reference Types** on page IV-73 and **WAVE Reference Type Flags** on page IV-74 for a complete list of type flags and further details.

### Wave Parameters

**Note:** All wave parameters must follow *wave* in the command. All wave parameter flags and type flags must appear immediately after the operation name (Reverse).

/D=*destWave* Specifies the name of the wave to hold the reversed data. It creates *destWave* if it does not already exist or overwrites it if it exists.

### Details

If the optional /D = *destWave* flag is omitted, then the wave is reversed in place.

### See Also

**Sorting** on page III-132, **Sort**, **SortColumns**