

cabs

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cabs (z)

The cabs function returns the real-valued absolute value of complex number z.

See Also

The **magsqr** function.

CameraWindow

CameraWindow

CameraWindow is a procedure subtype keyword that identifies a macro as being a camera window recreation macro. It is automatically used when Igor creates a window recreation macro for a camera window. See **Procedure Subtypes** on page IV-204 and **Saving and Recreating Graphs** on page II-350 for details.

CaptureHistory

CaptureHistory(refnum, stopCapturing)

The CaptureHistory function returns a string containing text from the history area of the command window since a matching call to the **CaptureHistoryStart** function.

Parameters

refnum is a number returned from a call to CaptureHistoryStart. It identifies the starting point in the history for the returned string.

Set *stopCapturing* to nonzero to indicate that no more history should be captured for the given refnum. Subsequent calls to CaptureHistory with the same *refnum* will result in an error.

Set *stopCapturing* to zero to retrieve history text captured so far. Further calls to CaptureHistory with the same reference number will return this text, plus any additional history text added subsequently.

Details

You can have multiple captures active at one time. Each call to CaptureHistoryStart will return a unique reference number identifying a start point in the history. The capture corresponding to each reference number can be terminated at any time, regardless of the order of the CaptureHistoryStart calls.

CaptureHistoryStart

CaptureHistoryStart()

The CaptureHistoryStart function returns a reference number to identify a starting point in the history area text. Subsequently, the CaptureHistory function can be used to retrieve captured history text. See **CaptureHistory** for details.

catch

catch

The catch flow control keyword marks the beginning of code in a try-catch-endtry flow control construct for handling any abort conditions.

See Also

The **try-catch-endtry** flow control statement for details.

cd

cd dataFolderSpec

The cd operation sets the current data folder to the specified data folder. It is identical to the longer-named SetDataFolder operation.

cd is named after the UNIX "change directory" command.

See Also

SetDataFolder, **pwd**, **Dir**, **Data Folders** on page II-107