

Chapter IV-10 — Advanced Topics

Parameters

param is one of the following values:

Size Event	<i>param</i>
Normal resize	0
Minimized	1
Maximized	2
Moved	3

Details

This function is not called on Macintosh.

Resizing the MDI frame by the top left corner calls AfterMDIFrameSizedHook twice: first for the move (*param* = 3) and then for the normal resize (*param* = 0).

Igor currently ignores the value returned by AfterMDIFrameSizedHook. Return 0 in case Igor uses this value in the future.

See Also

[SetWindow](#), [GetWindow](#), [SetIgorHook](#), and [User-Defined Hook Functions](#) on page IV-280.

AfterWindowCreatedHook

AfterWindowCreatedHook (windowNameStr, winType)

AfterWindowCreatedHook is a user-defined function that Igor calls when a target window is first created.

AfterWindowCreatedHook can be used to set a window hook on target windows created by the user or by other procedures.

Parameters

windowNameStr contains the name of the created window.

winType is the type of the window, the same value as returned by [WinType](#).

Details

“Target windows” are graphs, tables, layout, panels, and notebook windows.

AfterWindowCreatedHook is not called when an Igor experiment is being opened.

Igor ignores the value returned by AfterWindowCreatedHook.

See Also

[SetWindow](#), [SetIgorHook](#), and [User-Defined Hook Functions](#) on page IV-280.

BeforeExperimentSaveHook

BeforeExperimentSaveHook (refNum, fileNameStr, pathNameStr, fileTypeStr, fileCreatorStr, fileKind)

BeforeExperimentSaveHook is a user-defined function that Igor calls when an experiment is about to be saved by Igor.

Igor ignores the value returned by BeforeExperimentSaveHook.

Parameters

refNum identifies what is causing the experiment to be saved:

Cause	<i>refNum</i>
Save Experiment (File menu or SaveExperiment)	1
Save Experiment As (File menu or SaveExperiment)	2
Save Experiment Copy (File menu or SaveExperiment/C)	3
Autosave Experiment (direct mode)	17 (0x10 + 1)
Autosave Experiment Copy (indirect mode)	19 (0x10 + 3)