The Kill This Picture button will be dimmed if the selected picture is used in a currently open graph or layout.

Note: Igor determines if a picture is in use by checking to see if it is used in an *open* graph or layout window.

If you kill a graph or layout that contains a picture and create a recreation macro, the recreation macro will *refer* to the picture by name. However, Igor does not check for this. It will consider the picture to be unused and will allow you to kill it. If you later run the recreation macro, an error will occur when the macro attempts to append the picture to the graph or layout. Therefore, don't kill a picture unless you are sure that it is not needed.

NotebookPictures

When you paste a picture into a formatted notebook, you create a notebook picture. These work just like pictures in a word processor document. You can copy and paste them. These pictures will not appear in the Pictures or Rename Objects dialogs.

Igor Extensions

Igor includes a feature that allows a C or C++ programmer to extend its capabilities. An Igor extension is called an "XOP" (short for "external operation"). The term XOP comes from that fact that, originally, adding a command line operation was all that an extension could do. Now extensions can add operations, functions, menus, dialogs and windows.

XOPs come in 32-bit and 64-bit varieties. Because almost all Igor users now run the 64-bit version of Igor, this section focuses on 64-bit XOPs.

WaveMetrics XOPs

The "Igor Pro Folder/Igor Extensions (64-bit)" and "Igor Pro Folder/More Extensions (64-bit)" folders contain XOPs that we developed at WaveMetrics. These add capabilities such as file-loading and instrument control to Igor and also serve as examples of what XOPs can do. These XOPs range from very simple to rather elaborate. Most XOPs come with help files that describe their operation.

The WaveMetrics XOPs are described in the XOP Index help file, accessible through the Help→Help Windows submenu.

Third Party Extensions

A number of Igor users have written XOPs to customize Igor for their particular fields. Some of these are freeware, some are shareware and some are commercial programs. WaveMetrics publicizes third party XOPs through our Web page. User-developed XOPs are available from http://www.igorexchange.com.