

10. Press Command-K (Macintosh) or Ctrl+K (Windows).

This “kills” the contents of the command line.

Now let’s see how you can quickly reexecute a previously executed command.

11. With Command and Option (Macintosh) or Ctrl and Alt (Windows) pressed, click the second-to-last command in the history.

This reexecutes the clicked command (the 2*PI command).

Repeat this step a number of times, clicking the second-to-last command each time. This will alternate between the 2*PI command and the 4*PI command.

12. Execute

```
WaveStats wave0
```

Note that the WaveStats operation has printed its results in the history where you can review them. You can also copy a number from the history to paste into a notebook or an annotation.

There is a summary of all command window shortcuts at the end of this chapter.

The Command Buffer

The command line shows the contents of the **command buffer**.

Normally the command buffer is either empty or contains just one line of text. However you can copy multiple lines of text from any window and paste them in the command buffer and you can enter multiple lines by pressing Shift-Return or Shift-Enter to enter a line break. You can drag the red divider line up to show more lines or down to show fewer lines.

You can clear the contents of the command buffer by choosing the Clear Command Buffer item in the Edit menu or by pressing Command-K (Macintosh) or Ctrl+K (Windows).

When you invoke an operation from a typical Igor dialog, the dialog puts a command in the command buffer and executes it. The command is then transferred to the history as if you had entered the command manually.

If an error occurs during the execution of a command, Igor leaves it in the command buffer so you can edit and reexecute it. If you don’t want to fix the command, you should remove it from the command buffer by pressing Command-K (Macintosh) or Ctrl+K (Windows).

Because the command buffer usually contains nothing or one command, we usually think of it as a single line and use the term “command line”.

Command Window Title

The title of the command window is the name of the experiment that is currently loaded. When you first start Igor or if you choose New from the File menu, the title of the experiment and therefore of the command window is “Untitled”.

When you save the experiment to a file, Igor sets the name of the experiment to the file name minus the file extension. If the file name is “An Experiment.pxp”, the experiment name is “An Experiment”. Igor displays “An Experiment” as the command window title.

For use in procedures, the **IgorInfo(1)** function returns the name of the current experiment.

History Area

The history area is a repository for commands and results.

Text in the history area can not be edited but can be copied to the clipboard or to the command line. Copying text to the clipboard is done in the normal manner. To copy a command from the history to the command buffer, select the command in the history and press Return or Enter. An alternate method is to press Option (Macintosh) or Alt (Windows) and click in the history area.