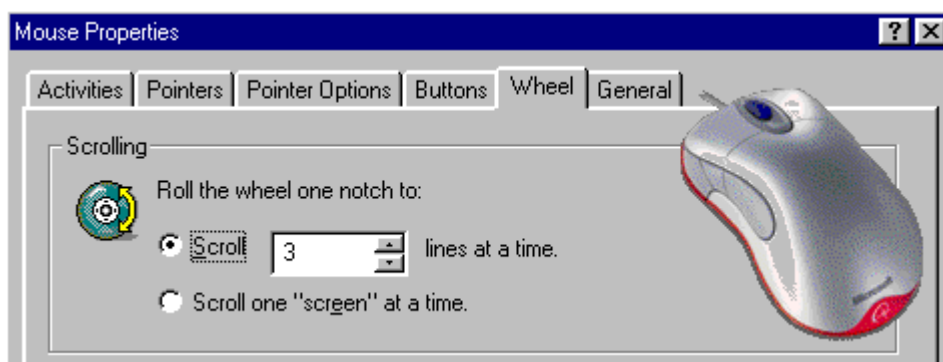


Pan and Zoom with Mouse Scroll Wheel

Arguably, the scroll wheel is one of the best inventions in graphical user interface field since the mouse itself. This is especially true for those of us who surf the web. Jade 6 takes advantage of this convenience to allow you to pan and zoom with the scroll wheel in both the top pattern window and the bottom zoom windows by simply moving the mouse pointer over either window. Obviously you need to select a small region in the zoom window first before you can pan. If you scroll the wheel in the top window, Jade automatically scales the intensity to the maximum peak in the zoom region. This automatic scaling is not performed if you scroll in the zoom window. You can depress and hold the following keys while scrolling the wheel in the zoom window:

- Ctrl-key: this changes the action of the scroll wheel into zoom-in or zoom-out in x-axis (2θ angles).
- Alt-key: this changes the action of the scroll wheel into zoom-in or zoom-out in y-axis (intensities).
- Shift-key: this allows you to shift the primary pattern up or down if there is no pattern overlay; otherwise, you can offset the active pattern overlay up or down.
- You can depress and hold the Ctrl and Shift keys at the same time to zoom in both axes.

The speed of pan and zoom by the scroll wheel is set at 10% of display per wheel notch and is independent of that which can be set on the mouse properties dialog to scroll text lines as shown below:



Notice that the main window of Jade must have the focus (i.e. active) for the scroll wheel to work if you have a [modeless dialog window](#) being displayed over the main window.

While you scroll any scrollbar-list with the wheel in Windows, you can also scroll the highlight (i.e. selected item) on most file and PDF phase lists in Jade if you hold down the Ctrl key. For single-handed operation, you can program one of the mouse buttons to be the Ctrl key on some newer mice. See your mouse driver setup on the control panel for the possibility.

Tip 1: you can pan and zoom the display by dragging the right or left mouse button in the zoom window.

Tip 2: you can scroll the color palette in the main window of Jade if you move the mouse pointer over it.

Tip 3: you can change the highlighted hit on a listview by scroll wheel if you hold down the Ctrl key.