Appendix B Windows and Menus

Overview

This appendix is an index of windows and menus in NCSA Collage. The NCSA Collage Main Window is presented first followed by an alphabetical list of other windows. When a window contains menu items, a description of the menus is follows the window.

NCSA Collage Main Window

The NCSA Collage Main window contains the major menu items to operate the application.

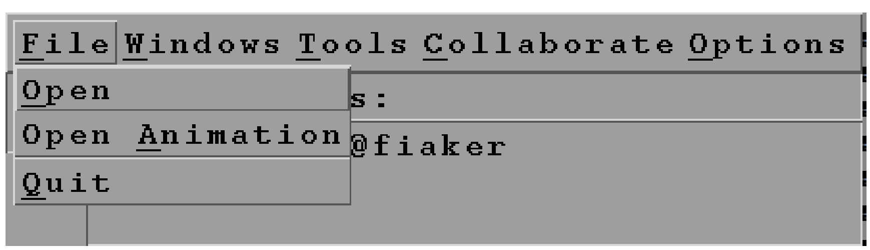
Figure B.1 Main Window

Main Window File Menu

The File menu contains the following options:

- Open, to open data files
- Open Animation, to open animation files
- Quit, to quit NCSA Collage

Figure B.2 File Menu

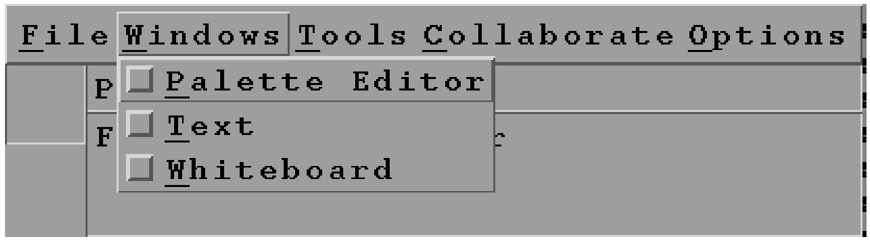


Main Window Windows Menu

The Windows menu contains the following options:

- Palette Editor, for displaying and editing color tables
- Text, for displaying the Text Editor window
- Whiteboard, for displaying the Whiteboard window
- A list of any closed data windows that can be selected for reopening

Figure B.3 Windows Menu

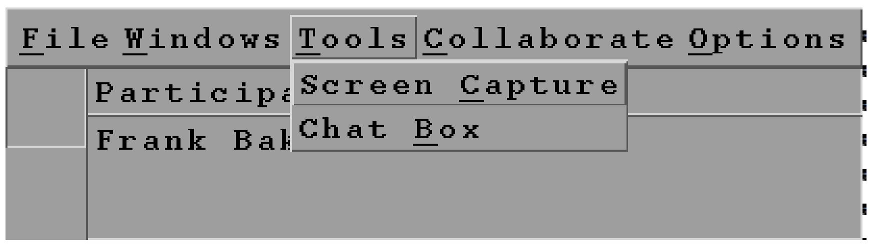


Main Window Tools Menu

The Tools menu contains the following options:

- Screen Capture, to capture images displayed on the screen
- Chat Box, to open the Chat Box window for text communication in a collaboration session

Figure B.4 Tools Menu

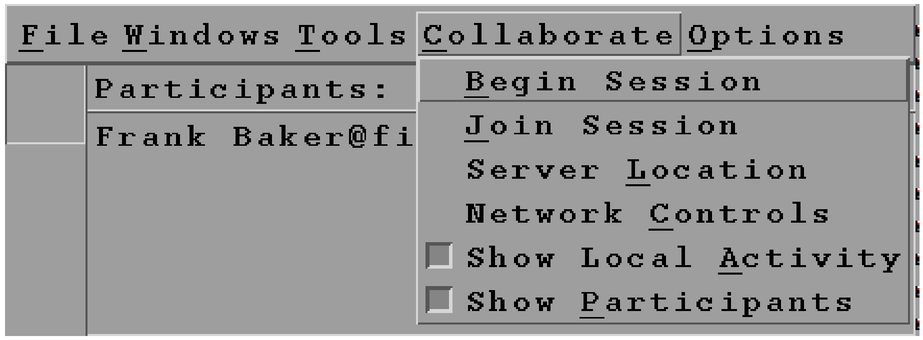


Main Window Collaborate Menu

The Collaborate menu contains the following items:

- Begin Session, to begin a collaborative session
- Join Session, to join a collaborative session
- Server Location, to display the name and port number used for the collaboration session server
- Network Controls, to adjust communication network parameters
- Show Local Activity, to turn on and off the display of collaboration server activity in the Main window. The default is on.
- Show Participants, to turn on and off the display of collaboration participants. The default for this option is on.

Figure B.5 Collaborate Menu



Main Window Options Menu

The Options menu contains the following options:

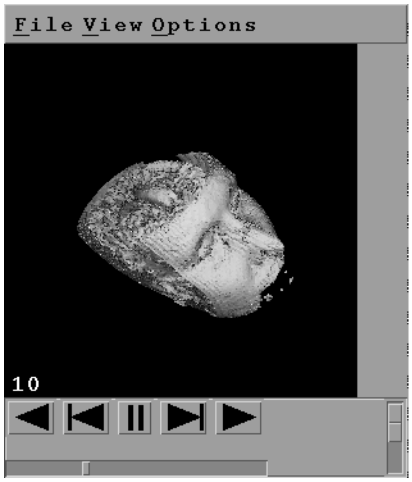
- Animate Options to select where animation information should be stored
- Scale Loaded Image, to turn on and off the Scale dialog window when an image is loaded. The default is on, so the scale dialog window will always be displayed when a file is loaded.

Figure B.6 Options Menu

Animation Window

The Animation window displays animation sequences of raster images.

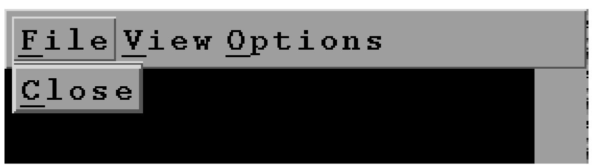
Figure B.7 Animation Window



Animation File Menu

The File menu has a Close option allowing you to hide the Animation window from view.

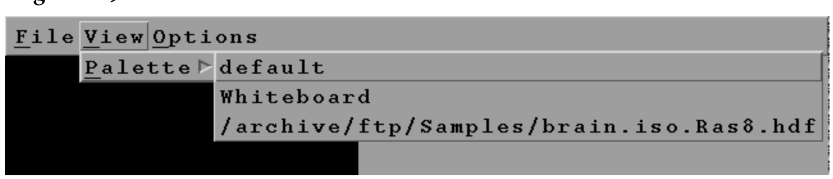
Figure B.8 Animation File Menu



Animation View Menu

The View Menu has a Palette option allowing you to select a different palette for display. Any palettes that have been loaded previously will be listed in the menu.

Figure B.9 Animation View Menu



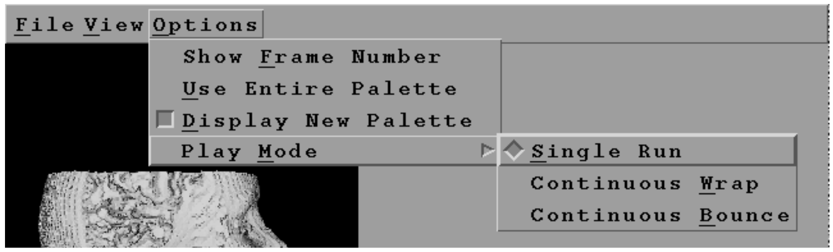
Animation Option Menu

The Options menu has several selections:

- Show Frame Number, to display the frame number in the lower left hand corner of the image
- Use Entire Palette, to use the entire range of the color table for displaying the images
- Display New Palette, to automatically change color tables when a new palette is sent to a collaborative session
- Play Mode, to change the mode of playing the animation
  - » Single Run, to stop the animation when it reaches either end

» Continuous Wrap, to start the animation over when it reaches an end
» Continuous Bounce, to reverse play whenever the animation reaches an end

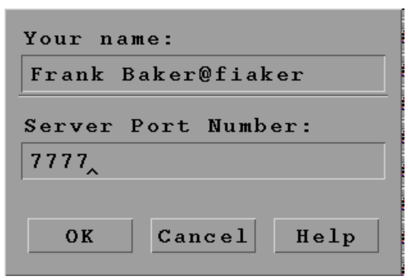
Figure B.10 Animation Option and Play Mode Menu



Begin Session Window

The Begin Session window is used to start a collaborative session.

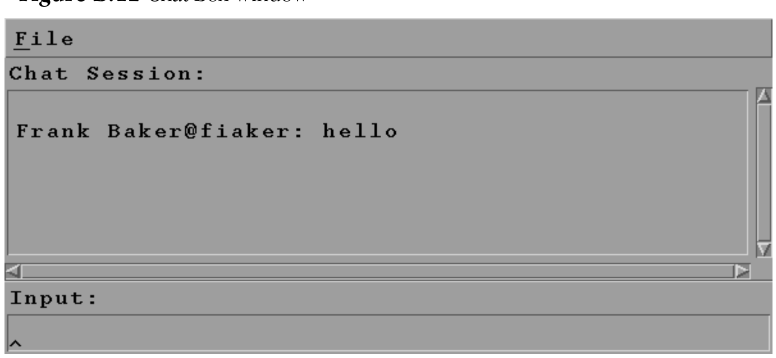
Figure B.11 Begin Session Window



Chat Box Window

The Chat Box window is used to send text messages to other collaboration participants.

Figure B.12 Chat Box Window

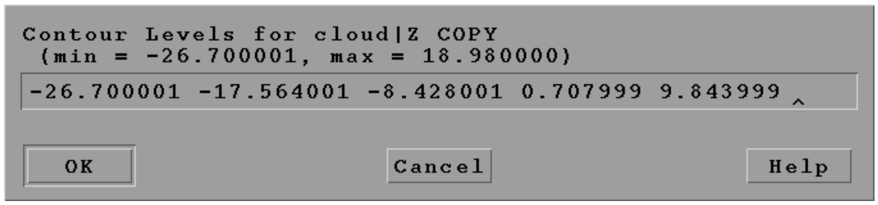


The File Menu in the Chat Box contains one option, Close, to allow you to hide the Chat Box window.

Contour Window

The Contour window is used to generate contour lines on a raster image.

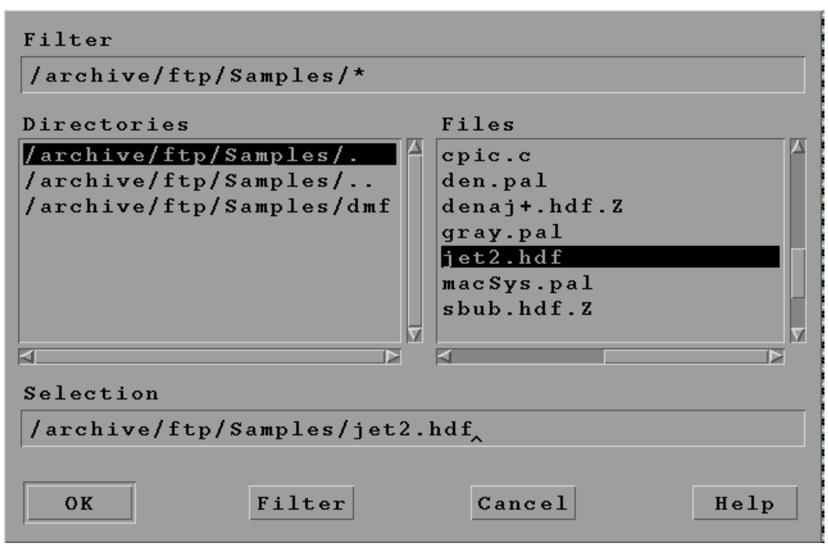
Figure B.13 Contour Window



File Selection Window

The File Selection window is used to locate and select data files.

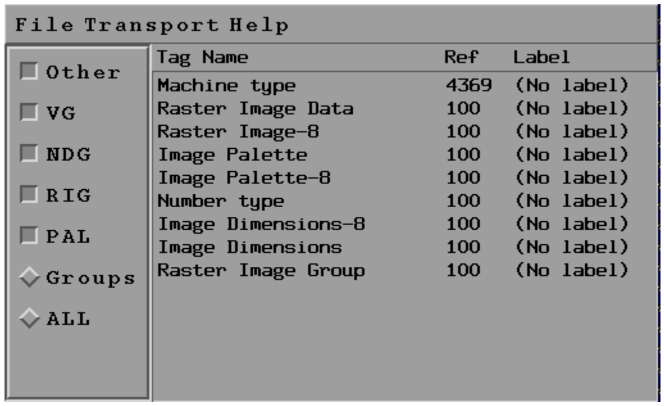
Figure B.14 File Selection Window



HDF Browser Window

The HDF Browser window is used to open data objects stored in HDF files.

Figure B.15 HDF Browser Window



The File menu has a Close option that closes the HDF Browser window.

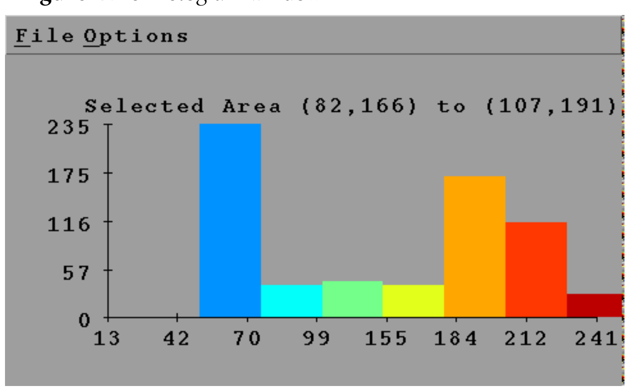
The Transport menu has a Send Selection option that opens data sets that have been highlighted in the Tag Name list area. When you are in a collaborative session, these data items will be sent to all participants of the session.

The Help menu has a Help option that displays a help screen.

Histogram Window

The Histogram window is used to display histograms.

Figure B.16 Histogram Window



To change the interval, select the Number of Intervals option from the Options menu.

When you are through examining the histogram, you may remove the window by selecting Done from the File menu.

Histogram Interval Window

The Histogram Interval window is used to modify intervals used to plot the histogram graph.

Figure B.17 Histogram Interval Window

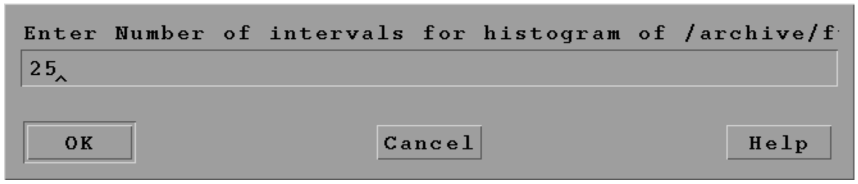


Image Window

The Image window is used to display raster images.

Figure B.18 Image Window

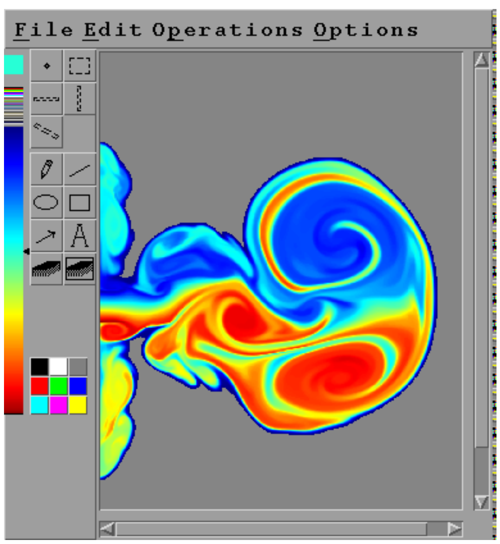


Image File Menu

The File menu contains the following options:

- Publish, to publish data to a collaborative session so that other participants may view the data
- Private Copy, to make a private copy of the data (other collaborative participants will not be able to see the data or annotations you make on the data)
- Make Spreadsheet, to generate a spreadsheet from the raster image data
- Print Image, to print the raster image to a device or file
- Print Overlay, to print the overlay to a device or file
- Print Overlay and Image, to print both to a device or file

- Save Image, to save the raster image to and HDF file
- Save Overlay, to save the overlay to and HDF file
- Save Image and Overlay, to save both to an HDF file
- Close Window, to hide the Image window from view

Figure B.19 Image Window File Menu

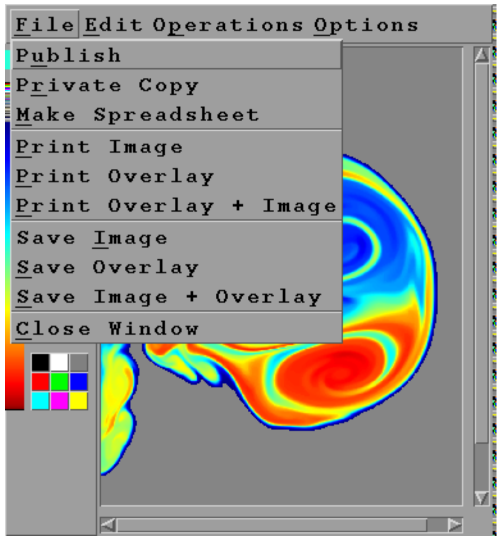


Image Edit Menu

The Edit menu has the following options:

- Show Overlay, to display the overlay layer and its annotations
- Clear Overlay, to erase all annotations from the overlay
- Copy, a screen capture tool that copies any portion of the screen image to a cut buffer
- Paste, to paste the image captured by Copy into the current NCSA Collage image
- Paste (No Back), same as Paste, but without the background of the X window
- Use Palette, to select a color table palette
- Use Entire Palette, to map the range on raster image pixel values onto the entire range of color table values, including the system color table

Figure B.20 Image Window Edit Menu

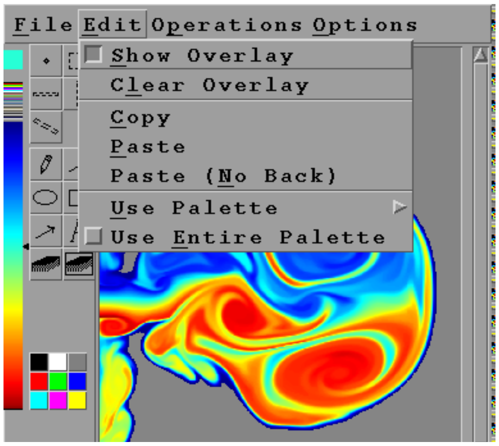


Image Operations Menu

The Operations menu has a single option to generate a contour drawing on the overlay based on the raster image data values

Figure B.21 Image Window Operations Menu

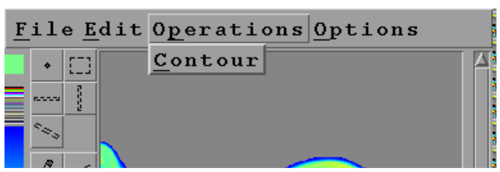
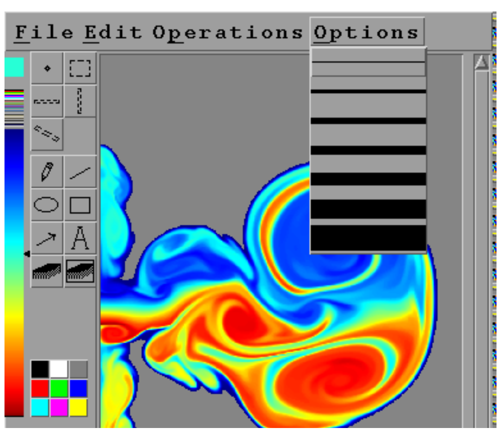


Image Options Menu

The Options menu allows you to change the line thickness for the drawing tools.

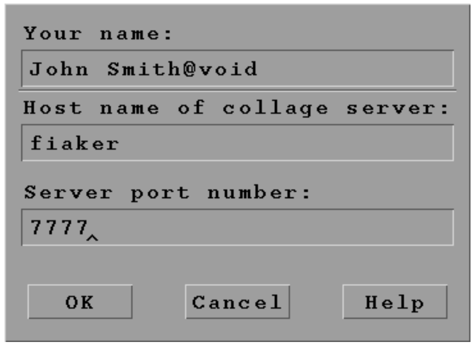
Figure B.22 Image Window Options Menu



Join Session Window

The Join Session window is used to join a collaborative session.

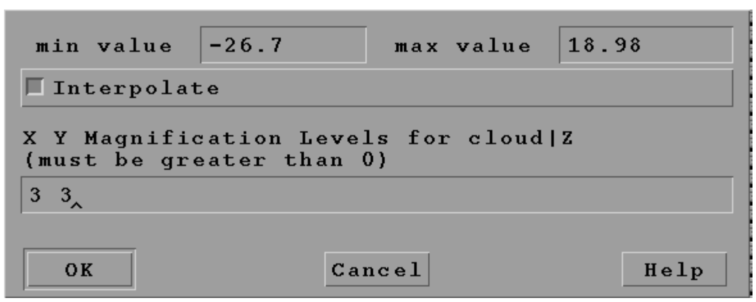
Figure B.23 Join Session Window



Magnify Window

The Magnify window is used to magnify raster images.

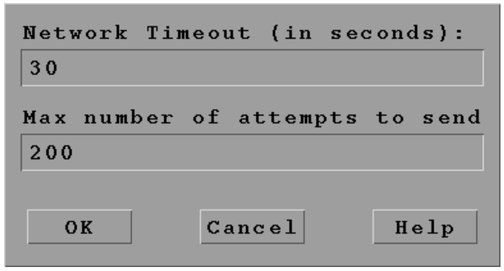
Figure B.24 Magnify Window



Network Control Window

The Network Control window is used to modify network communication parameters.

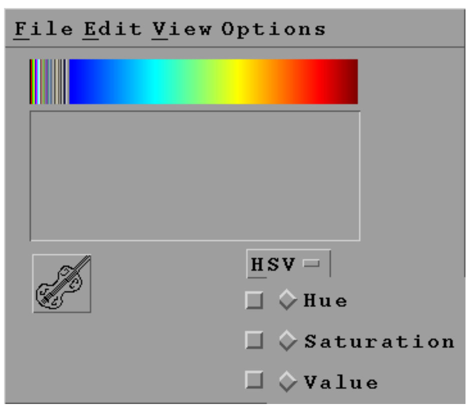
Figure B.25 Network Control Window



Palette Editor Window

The Palette Editor window is used to display and modify color tables.

Figure B.26 Palette Editor Window

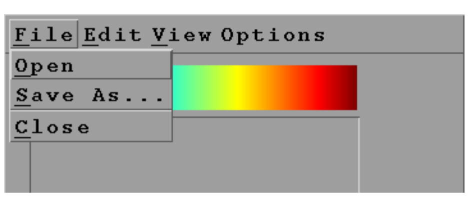


Palette Editor File Menu

The File menu contains the following options:

- Open, to open a color table stored in an HDF file
- Save As..., to save a color table to an HDF file
- Close, to hide the Palette Editor window

Figure B.27 Palette Editor File Menu

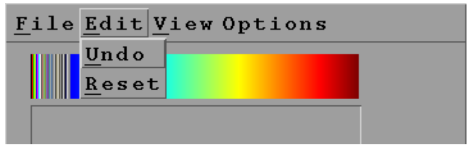


Palette Editor Edit Menu

The Edit menu contains the following options:

- Undo, to undo the last operation on the Palette Editor
- Reset, to reset the color table to its original state before editing

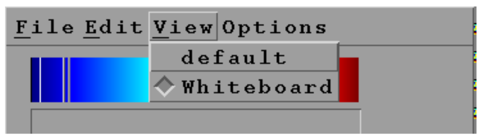
Figure B.28 Palette Editor Edit Menu



Palette Editor View Menu

The View menu contains a list of all available color tables that have been loaded into NCSA Collage.

Figure B.29 Palette Editor View Menu

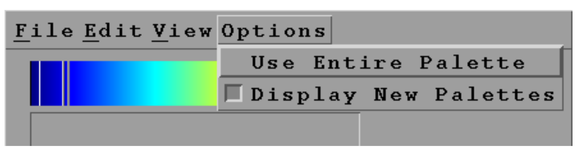


Palette Editor Options Menu

The Options Menu has the following options:

- Use Entire Palette, which is used to map the raster image onto the entire range of palette values, including the system colors
- Display New Palette is used to immediately display a palette that has been published to a collaborative session

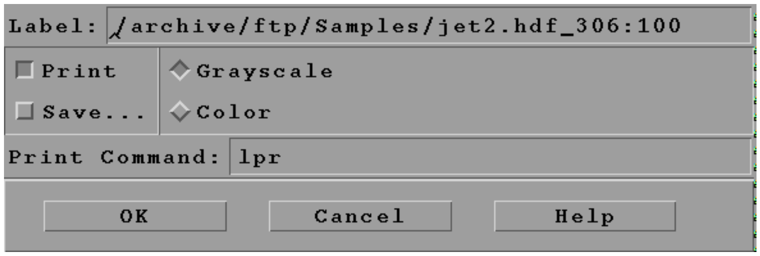
Figure B.30 Palette Editor Options Menu



Print Window

The Print window is used to print data to an output device or file.

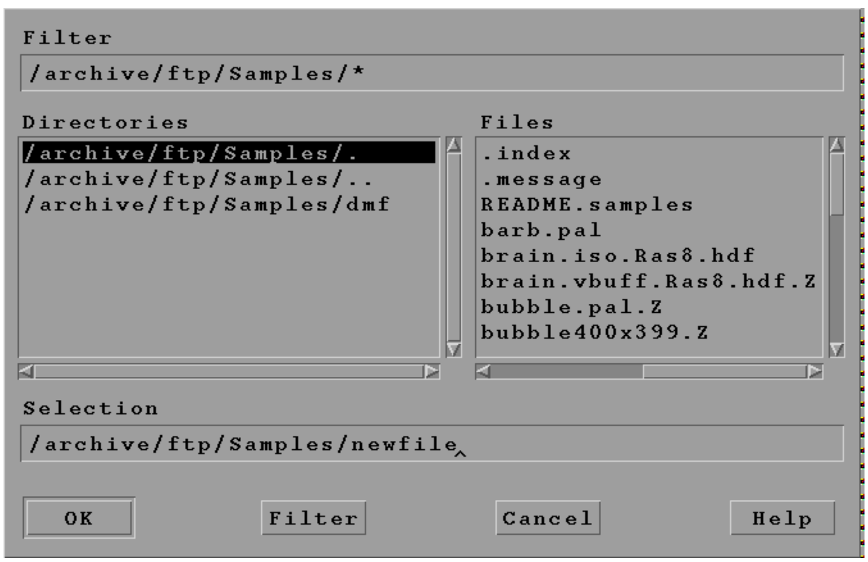
Figure B.31 Print Window



Save Window

The Save window is used to save data to a file.

Figure B.32 Save Window



Server Location Window

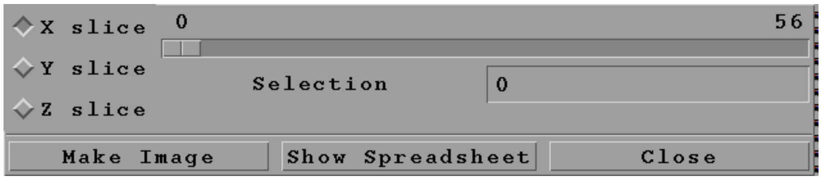
The Server Location window displays information about the collaboration server.

Figure B.33 Server Location Window

Slice Selection Window

The Slice Selection window is used to select a 2D slice of data from a 3D data set.

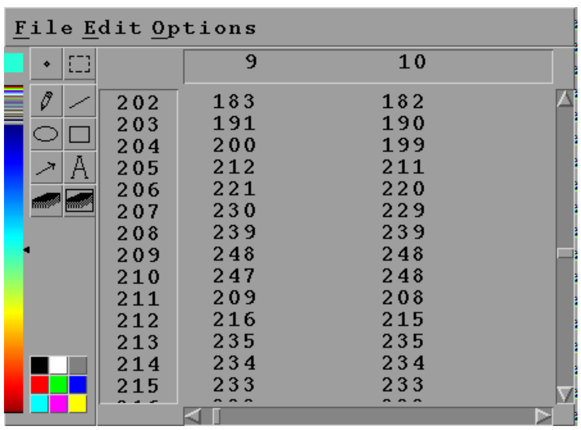
Figure B.34 Slice Selection Window



Spreadsheet Window

The Spreadsheet window is used to display data sets.

Figure B.35 Spreadsheet Window

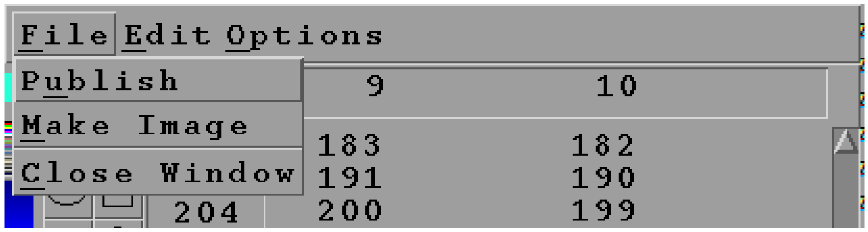


Spreadsheet File Menu

The File menu contains the following options:

- Publish, to publish data to a collaborative session so that other participants may view the data
- Make Image, to generate a raster image from the spreadsheet data
- Close Window, to hide the spreadsheet window from view

Figure B.36 Spreadsheet File Menu

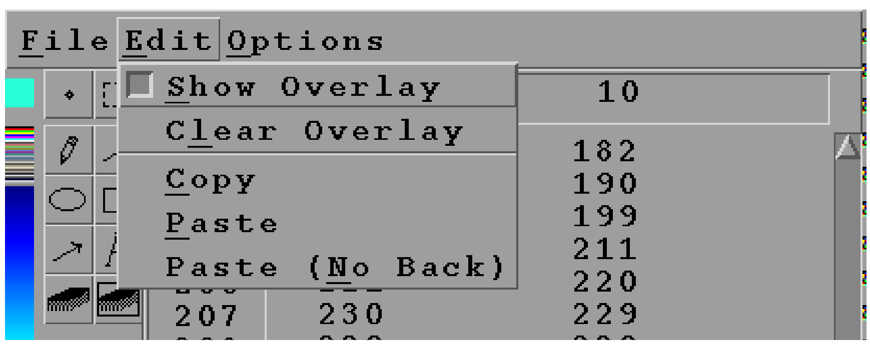


Spreadsheet Edit Menu

The Edit menu has the following options:

- Show Overlay, to display the overlay layer and its annotations
- Clear Overlay, to erase all annotations from the overlay
- Copy, a screen capture tool that copies any portion of the screen image to a cut buffer
- Paste, to paste the image captured by Copy into the current NCSA Collage image
- Paste (No Back), same as Paste, but without the background of the X window

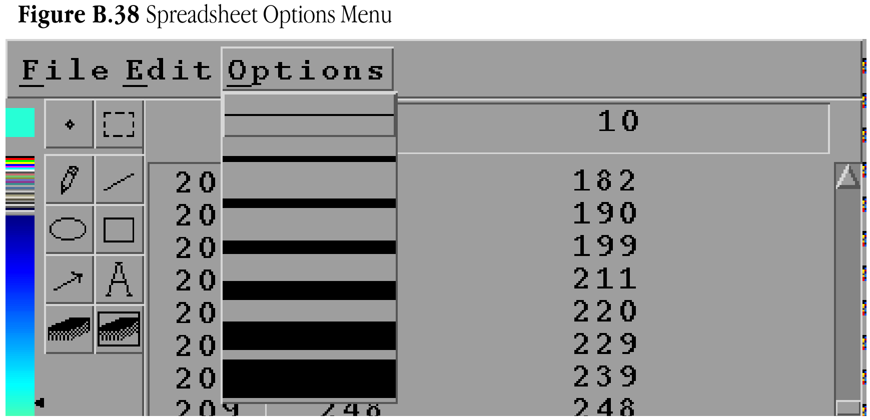
Figure B.37 Spreadsheet Edit Menu



Spreadsheet Option Menu

The Options menu allows you to change the line thickness for the drawing tools.

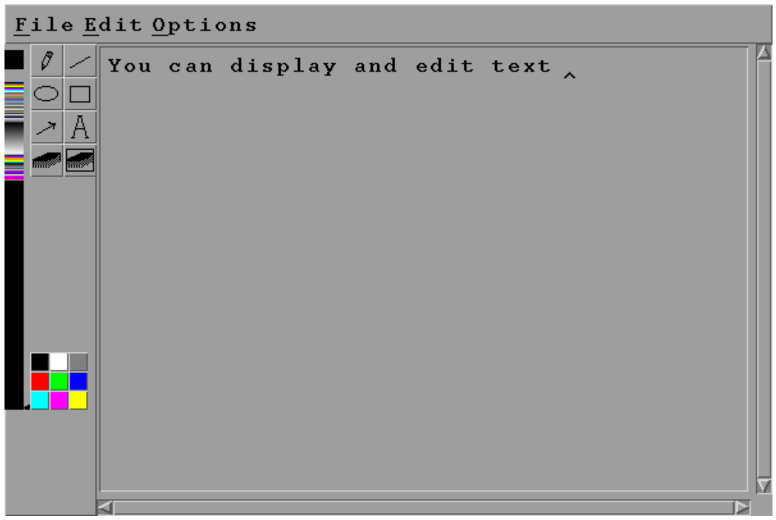
Figure B.38 Spreadsheet Options Menu



Text Edit Window

The Text Edit window is used to display and edit text data.

Figure B.39 Text Edit Window

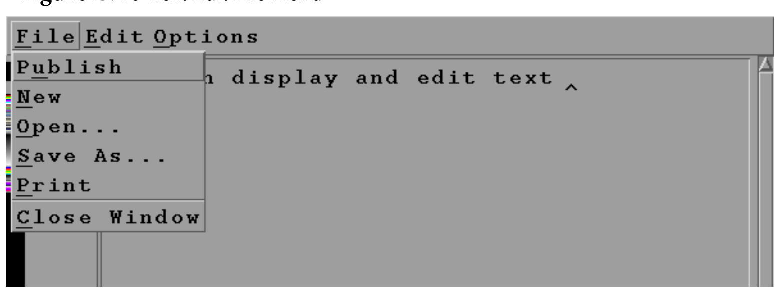


Text Edit File Menu

The Text Edit File menu contains the following options:

- Publish, to publish the text to a collaborative session
- New, to start a new Text Edit window
- Open, to open a file
- Save As..., to save the text into a file
- Print, to print the text
- Close, to close the Text Edit window

Figure B.40 Text Edit File Menu



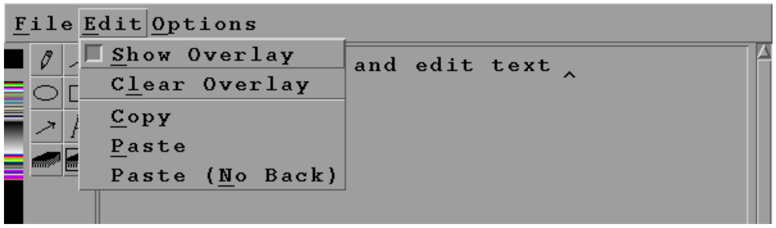
Text Edit Edit Menu

The Text Edit Edit menu contains the following options:

- Show Overlay, to display the overlay layer
- Clear Overlay, to clear all annotations from the overlay layer
- Copy, a screen capture tool that copies any portion of the screen image to a cut buffer (text layers are captured as part of the image)
- Paste, to paste the image captured by Copy into the current NCSA Collage image

- Paste (No Back), same as Paste, but without the background of the X window

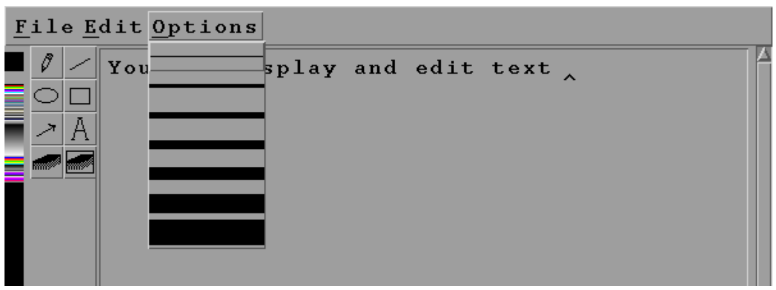
Figure B.41 Text Edit Edit Menu



Text Edit Options Menu

The Text Edit Options menu allows you to select different line thicknesses for the drawing tools.

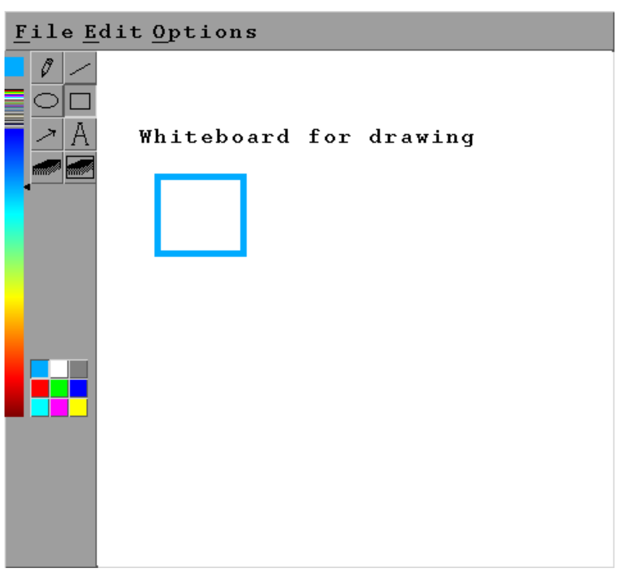
Figure B.42 Text Edit Options Menu



Whiteboard Window

The Whiteboard window is used for drawing.

Figure B.43 Whiteboard Window

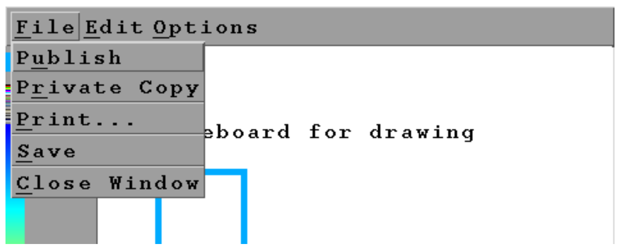


White Board File Menu

The File menu contains the following options:

- Publish, to publish data to a collaborative session so that other participants may view the data
- Private Copy, to make a private copy of the data (other collaborative participants will not be able to see the Whiteboard)
- Print, to print the Whiteboard to a device or file
- Save, to save the Whiteboard to a file
- Close Window, to hide the Whiteboard window from view

Figure B.44 Whiteboard File Menu

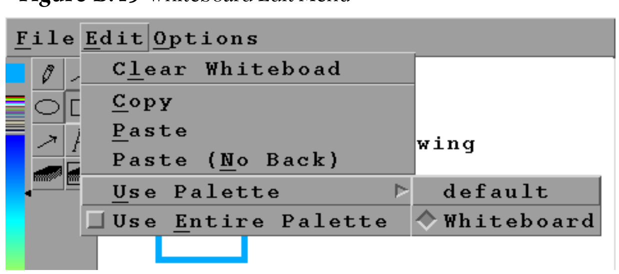


Whiteboard Edit Menu

The Whiteboard Edit menu contains the following options:

- Clear Whiteboard, to clear all annotations from the overlay layer
- Copy, a screen capture tool that copies any portion of the screen image to a cut buffer
- Paste, to paste the image captured by Copy into the current NCSA Collage image
- Paste (No Back), same as Paste, but without the background of the X window
- Use Palette, to select a palette to for displaying the Whiteboard
- Use Entire Palette, to map the raster image pixel values onto the entire range of color table values including the system colors

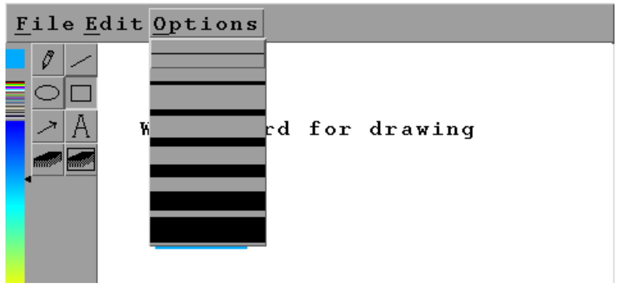
Figure B.45 Whiteboard Edit Menu



Whiteboard Options Menu

The Whiteboard Options menu allows you to select different line thicknesses for the drawing tools.

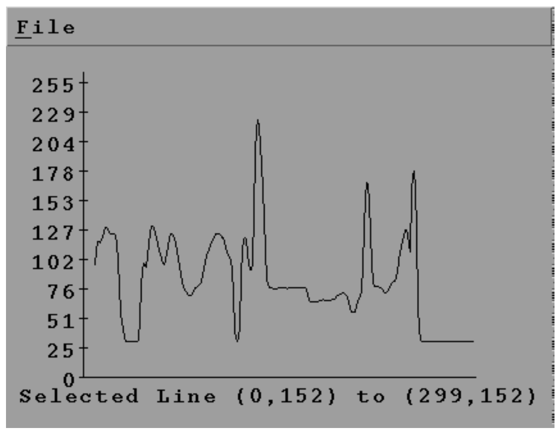
Figure B.46 Whiteboard Options Menu



X-Y Graph Window

The X-Y Graph window is used to display X-Y graphs.

Figure B.47 X-Y Graph Window



When you are through examining the X-Y graph, you may remove the window by selecting Done from the File menu.