Appendix A Glossary

Glossary

Animation	Viewing a group of raster images one after another to create the illusion of motion as sequential raster images are displayed.
Annotation	Notes or drawings made on the overlay layer.
Association	The relationship between two or more data objects such that a operation on one object is displayed on all associated objects.
CMY	Cyan-Magenta-Yellow. The color model based on standard separation printing inks.
DTM	Data Transfer Mechanism. The protocol used by the NCSA Collage server for communication of information over a network.
Chat Box	A window to allow the exchange of text messages between collaborative users.
Color Table	A set of colors. Color tables are use to map colors to values in raster images for display purposes.
Contour	A line joining points of equal value.
Doodling	Annotating drawing on the overlay layer.
HDF	Hierarchical Data Format
Histogram	A graph representing the distribution of values.
HSV	The color model based on hue, saturation, and value.
NDG	Numeric Data Group
Overlay Layer	A layer that is displayed over the data in a window. Annotations are drawn on the overlay layer.
PAL	Palette Data Group
Palette	See Color Table.
Pixel	A component point in a raster image that has a value. The value is mapped to a corresponding value in a color table for display purposes.
Raster Image	A set of horizontal lines comprised of pixels used to form a image from a set of data.
RGB	The color model based on red, green, and blue combinations.
RIG	Raster Image Group
Scientific Data Sets	Collection of data organized into 2D or 3D data arrays.
SDS	Scientific Data Sets

Screen Capture	The act of selecting a portion of the display and converting it into a raster image.
Slice	A 2D selection of a 3D data set.
Spreadsheet Window	A window used to display numerical data arrays.
Text Edit Window	A window used to edit text files.
VG	Vdata Group, or customized tables of data.
Whiteboard	A window used like a marker board for drawing illustrations.