Appendix C X Resources Used by NCSA Collage

X Resources

X resources are a powerful way to customize NCSA Collage for your particular needs. You can specify resources for NCSA Collage in either **`~/.Xresources`** or in **`~/Collage`**. Here is a list of resources used by NCSA Collage.

`Collage.scaleImage: <boolean>`
Default value: `True`
When an image is loaded, it is scaled so that it falls within the basePixel and lastPixel range of the colormap. When this option is off the image will be displayed with its original palette mapping.

`Collage.basePixel: <number>`
Default value: `30`
The range of values for the basePixel number is 0 to 255. The number is the lowest color value to allocate when viewing static images. Some users don't like the effect when using the system color map to displaying images. Most machines allocate the system colormap in the low range of the palette. The basePixel option allows the user to set the range of the colormap above the system colors. The suggested value is 30.

`Collage.lastPixel: <number>`
Default value: `254`
The range for the lastPixel *number* is 0 and 255. This setting allows the user to define the high end of the colormap. Colormap values above this number will not be used.

`Collage.drawFont: <fontName>`
Default value: `fixed`
This is the font used when doodling text and it should be a fixed size, monospaced font.

`Collage.spreadsheetFont: <fontName>`
Default value: `fixed`
This is the font used when display numbers in the spreadsheet and it should be a fixed size, monospaced font.

`Collage.animSource: <source>`
Default value: `server`
This resource specifies where the frames of an animation are

stored.`<source>` has to be chosen from the three possible values: `server`, `memory`, or `disk`. Refer to section *Animation* in Chapter 4, "Visualization," for more information.

`Collage.tmpDir: <dirName>`
Default value: `/tmp`
This resource specifies the directory where the temporary files will be stored if you choose to animate from disk by defining `animSource: disk`.

`Collage.debug: <boolean>`
Default value: `False`
When this resource is set on using `true`, if the application crashes, you will get a core file.

`Collage.userId: <userId>`
Default value: computed dynamically
This resource will be used as the identification of this collage instance in the session.

`Collage*hdfBowser.fontList: <fontListName>`
Default value: `-misc-fixed-*--15-*`
This resource defines the fontList used in the HDF Browser window to display the list of elements in an HDF file. It should be a fixed size, monospaced font.

`Collage*toggleInterpolate.set: <boolean>`
Default value: `False`
This resource defines the initial state of the "Interpolate" toggle in the "Define X and Y Magnification" dialog window.

`Collage*scale.maximum: <number>`
Default value: `200`
This resource sets the maximum number of milliseconds paused between each frame when you play an animation. It affects the range that is available through the vertical scale widget in the lower-right of the animation window.

`Collage *scale.processingDirection: <value>`
Default value: `max_on_bottom`
This resource specifies where the maximum is on the vertical scale widget in the lower-right of the animation window. The resource can be set to `max_on_bottom` or `max_on_top`.

`Collage*scale.value: <number>`
Default value: `10`
This resource specifies the initial pause number of milliseconds between frames used in animation.