**NAME**

cg14config – configure the cgfourteen device

**SYNOPSIS**

**/usr/platform/***platform-name***/sbin/cg14config** [ **–d** *device* ] [ **–r** *resolution* ]
[ **–g** *gammavalue* ] [ **–G** *gammafile* ] [ **–u** *degammavalue* ] [ **–U** *degammafile* ]

**AVAILABILITY**

SUNWkvm

**DESCRIPTION**

**cg14config** sets up state on the selected cgfourteen device. *platform-name* can be found using the **–i** option of **uname**(1).

**cg14config** is supported only on Desktop SPARCsystems with SX graphics option.

The interface, output, and command location are uncommitted and subject to change in future releases.

**OPTIONS**

**–d** *device*
Use *device* as the cgfourteen device to configure. Default is **/dev/fb**.

**–r** *resolution*
Use *resolution* as the desired screen resolution. Resolution is specified in terms of screen width and height (in pixels), and vertical refresh (in hz). Available resolutions are:

1024x768@60
1024x768@66
1024x768@70
1152x900@66
1152x900@76
1280x1024@66
1280x1024@76
1600x1280@66
1920x1080@72

The default is the value read from the monitor sense codes. Note that some or all of the resolutions above may not be supported by any given monitor. If a programmed resolution is outside of the range of allowable values for a monitor, unpredictable results can occur, including damage to the monitor. Thus, care should be taken when programming the resolution. See *Openboot Command Reference* for a description of how to reset the console device to the default value if it becomes unusable from programming an unsupported resolution.

The **–r** option is not available when the window system is running.

**–g** *gammavalue*
Each entry of the gamma lookup table will be loaded with entry^(1/*gammavalue*). The gamma lookup table has 256 entries. Default *gammavalue* is **2.2**.

**–G** *filename*
Initialize the gamma lookup table with the contents of *filename*. The format of *filename* is 256 triplets (red green blue) of non-negative integers separated by NEWLINE characters. The integers must be in the range 0 to 1023, inclusive.

**–u** *degammavalue*
Each entry of the degamma lookup table will be loaded with entry^(*degammavalue*). The degamma lookup table has 256 entries. Default *degammavalue* is **2.2**.

**–U** *filename*
Initialize the degamma lookup table with the contents of *filename*. The format of *filename* is 256 entries of non-negative integers separated by NEWLINE characters. The integers must be in the range 0 to 255, inclusive.

## EXIT STATUS

**cg14config** returns **0** on success and a positive integer on failure.

**1** Selected device is not a cgfourteen device.

**2** Requested action failed.

**3** Unsupported resolution.

**4** Gamma or degamma value out of range.

## FILES

**/platform/***platform-name***/kernel/drv/cgfourteen**
**cgfourteen** device driver

## SEE ALSO

**uname**(1), **init**(1M), **mmap**(2)

*Platform Notes: SPARCstation 10SX System Configuration Guide*

*Openboot Command Reference*