NAME

xload – system load average display for X

SYNOPSIS

xload [*toolkitoptions*] [**-scale** *integer*] [**-update** *seconds*] [**-hl** *color*] [**-highlight** *color*] [**-jumpscroll** *pixels*] [**-label** *string*] [**-nolabel**] [**-lights**]

DESCRIPTION

The **xload** program displays a periodically updating histogram of the system load average.

OPTIONS

Xload accepts all of the standard X Toolkit command line options (see **X11**(7)). The order of the options in unimportant. **Xload** also accepts the following additional options:

–**hl** *color* or –**highlight** *color*
: This option specifies the color of the scale lines.

–**jumpscroll** *pixels*
: The number of pixels to shift the graph to the left when the graph reaches the right edge of the window. The default value is 1/2 the width of the current window. Smooth scrolling can be achieved by setting it to 1.

–**label** *string*
: The string to put into the label above the load average.

–**nolabel**
: If this command line option is specified then no label will be displayed above the load graph.

–**lights**
: When specified, this option causes **xload** to display the current load average by using the keyboard leds; for a load average of *n*, **xload** lights the first *n* keyboard leds. This option turns off the usual screen display.

–**scale** *integer*
: This option specifies the minimum number of tick marks in the histogram, where one division represents one load average point. If the load goes above this number, **xload** will create more divisions, but it will never use fewer than this number. The default is 1.

–**update** *seconds*
: This option specifies the interval in seconds at which **xload** updates its display. The minimum amount of time allowed between updates is 1 second. The default is 10.

RESOURCES

In addition to the resources available to each of the widgets used by **xload** there is one resource defined by the application itself.

showLabel (class **Boolean)**
: If False then no label will be displayed.

WIDGETS

In order to specify resources, it is useful to know the hierarchy of the widgets which compose **xload**. In the notation below, indentation indicates hierarchical structure. The widget class name is given first, followed by the widget instance name.

```
XLoad  xload
        Paned  paned
                Label  label
                StripChart  load
```

ENVIRONMENT

DISPLAY
to get the default host and display number.

XENVIRONMENT
to get the name of a resource file that overrides the global resources stored in the RESOURCE_MANAGER property.

FILES

/usr/openwin/lib/app-defaults/XLoad - specifies required resources

SEE ALSO

X11(7), **xrdb**(1), **mem**(7), Athena StripChart Widget.

BUGS

This program requires the ability to open and read the special system file */dev/kmem*. Sites that do not allow general access to this file should make **xload** belong to the same group as */dev/kmem* and turn on the *set group id* permission flag.

Reading */dev/kmem* is inherently non-portable. Therefore, the routine used to read it (get_load.c) must be ported to each new operating system.

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