

NAME

xload – system load average display for X

SYNOPSIS

xload [-*toolkitoption* ...] [-scale *integer*] [-update *seconds*] [-hl *color*] [-highlight *color*] [-remote*host*]
[-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 *X(7)*). The order of the options is unimportant. *xload* also accepts the following additional options:

-hl *color* or -highlight *color*

This option specifies the color of the scale lines.

-jumpscroll *number of 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.

-remote *host*

This option tells *xload* to display the load of *host* instead of *localhost*. *Xload* gets the information from the *rwhod* database and consequently requires *rwhod* to be executing both on *localhost* and *host*.

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

/etc/X11/app-defaults/XLoad

specifies required resources

SEE ALSO

X(7), xrdp(1), mem(4), Athena StripChart Widget.

BUGS

On older platforms, this program may require the ability to open and read the special system file */dev/kmem*. Sites that do not allow general access to this file may need to make *xload* belong to the same group as */dev/kmem* and turn on the *set group id* permission flag.

Reading the load average 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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