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 RE-SOURCE_MANAGER property.

FILES

/etc/X11/app-defaults/XLoad

specifies required resources

SEE ALSO

X(7), xrdb(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.

COPYRIGHT

Copyright © X Consortium
See *X(7)* for a full statement of rights and permissions.

AUTHORS

K. Shane Hartman (MIT-LCS) and Stuart A. Malone (MIT-LCS);
with features added by Jim Gettys (MIT-Athena), Bob Scheifler (MIT-LCS), Tony Della Fera (MIT-Athena), and Chris Peterson (MIT-LCS).