



Rocky Enterprise Linux 9.2 Manual Pages on command 'xmag.1'

C:|>man xmag.1

XMAG(1) General Commands Manual XMAG(1)

NAME

xmag - magnify parts of the screen

SYNOPSIS

xmag [-mag magfactor] [-source geom] [-toolkitoption ...]

DESCRIPTION

The xmag program allows you to magnify portions of an X screen. If no explicit region is specified, a square with the pointer in the upper left corner is displayed indicating the area to be enlarged. The area can be dragged out to the desired size by pressing Button 2. Once a region has been selected, a window is popped up showing a blown up version of the region in which each pixel in the source image is represented by a small square of the same color. Pressing Button1 in the enlargement window shows the position and RGB value of the pixel under the pointer until the button is released. Typing ``Q" or ``^C" in the enlargement window exits the program. The application has 5 buttons across its top. Close deletes this particular magnification instance. Replace brings up the rubber band selector again to select another region for this magnification instance. New brings up the rubber band selector to create a new magnification instance. Select puts the magnification image into the primary selection. Paste copies the primary selection buffer into xmag. Note that you can cut and paste between xmag and the bitmap program. Resizing xmag resizes the magnification area. xmag preserves the colormap, visual, and window depth of the source.

WIDGETS

xmag uses the X Toolkit and the Athena Widget Set. The magnified image is displayed in the Scale widget. For more information, see the Athena Widget Set documentation. Below is the widget structure of the xmag application. Indentation indicates hierarchical structure. The widget class name is given first, followed by the widget instance name.

```
Xmag xmag
  RootWindow root
    TopLevelShell xmag
      Paned pane1
        Paned pane2
          Command close
          Command replace
          Command new
          Command select
          Command paste
          Label xmag label
        Paned pane2
          Scale scale
      OverrideShell pixShell
        Label pixLabel
```

OPTIONS

`-source geom` This option specifies the size and/or location of the source region on the screen. By default, a 64x64 square is provided for the user to select an area of the screen.

`-mag integer` This option indicates the magnification to be used. 5 is the default.

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