NAME

xdpyinfo – display information utility for X

SYNOPSIS

xdpyinfo [**-display** *displayname*]

DESCRIPTION

Xdpyinfo is a utility for displaying information about an X server. It is used to examine the capabilities of a server, the predefined values for various parameters used in communicating between clients and the server, and the different types of screens and visuals that are available.

EXAMPLE

The following shows a sample produced by **xdpyinfo** when connected to display that supports an 8 plane screen and a 1 plane screen.

```
name of display:    :0.0
version number:    11.0
vendor string:    MIT X Consortium
vendor release number:    4
maximum request size:  16384 longwords (65536 bytes)
motion buffer size:  0
bitmap unit, bit order, padding:    32, MSBFirst, 32
image byte order:    MSBFirst
number of supported pixmap formats:    2
supported pixmap formats:
    depth 1, bits_per_pixel 1, scanline_pad 32
    depth 8, bits_per_pixel 8, scanline_pad 32
keycode range:    minimum 8, maximum 129
focus:  PointerRoot
number of extensions:    4
    SHAPE
    MIT-SHM
    Multi-Buffering
    MIT-SUNDRY-NONSTANDARD
default screen number:    0
number of screens:    2

screen #0:
  dimensions:    1152x900 pixels (325x254 millimeters)
  resolution:    90x90 dots per inch
  depths (2):    1, 8
  root window id:    0x8006e
  depth of root window:    8 planes
  number of colormaps:    minimum 1, maximum 1
  default colormap:    0x8006b
  default number of colormap cells:    256
  preallocated pixels:    black 1, white 0
  options:    backing-store YES, save-unders YES
```

```
current input event mask:    0xd0801d
  KeyPressMask           ButtonPressMask        ButtonReleaseMask
  EnterWindowMask        ExposureMask           SubstructureRedirectMask
  PropertyChangeMask     ColormapChangeMask
number of visuals:    6
default visual id:  0x80065
visual:
  visual id:    0x80065
  class:    PseudoColor
  depth:    8 planes
  size of colormap:    256 entries
  red, green, blue masks:    0x0, 0x0, 0x0
  significant bits in color specification:    8 bits
visual:
  visual id:    0x80066
  class:    DirectColor
  depth:    8 planes
  size of colormap:    8 entries
  red, green, blue masks:    0x7, 0x38, 0xc0
  significant bits in color specification:    8 bits
visual:
  visual id:    0x80067
  class:    GrayScale
  depth:    8 planes
  size of colormap:    256 entries
  red, green, blue masks:    0x0, 0x0, 0x0
  significant bits in color specification:    8 bits
visual:
  visual id:    0x80068
  class:    StaticGray
  depth:    8 planes
  size of colormap:    256 entries
  red, green, blue masks:    0x0, 0x0, 0x0
  significant bits in color specification:    8 bits
visual:
  visual id:    0x80069
  class:    StaticColor
  depth:    8 planes
  size of colormap:    256 entries
  red, green, blue masks:    0x7, 0x38, 0xc0
  significant bits in color specification:    8 bits
visual:
  visual id:    0x8006a
  class:    TrueColor
  depth:    8 planes
```

```
    size of colormap:    8 entries
    red, green, blue masks:    0x7, 0x38, 0xc0
    significant bits in color specification:    8 bits
  number of mono multibuffer types:    6
    visual id, max buffers, depth:    0x80065, 0, 8
    visual id, max buffers, depth:    0x80066, 0, 8
    visual id, max buffers, depth:    0x80067, 0, 8
    visual id, max buffers, depth:    0x80068, 0, 8
    visual id, max buffers, depth:    0x80069, 0, 8
    visual id, max buffers, depth:    0x8006a, 0, 8
  number of stereo multibuffer types:    0

screen #1:
  dimensions:    1152x900 pixels (325x254 millimeters)
  resolution:    90x90 dots per inch
  depths (1):    1
  root window id:    0x80070
  depth of root window:    1 plane
  number of colormaps:    minimum 1, maximum 1
  default colormap:    0x8006c
  default number of colormap cells:    2
  preallocated pixels:    black 1, white 0
  options:    backing-store YES, save-unders YES
  current input event mask:    0xd0801d
    KeyPressMask            ButtonPressMask         ButtonReleaseMask
    EnterWindowMask         ExposureMask            SubstructureRedirectMask
    PropertyChangeMask      ColormapChangeMask
  number of visuals:    1
  default visual id:  0x80064
  visual:
    visual id:    0x80064
    class:    StaticGray
    depth:    1 plane
    size of colormap:    2 entries
    red, green, blue masks:    0x0, 0x0, 0x0
    significant bits in color specification:    1 bits
  number of mono multibuffer types:    1
    visual id, max buffers, depth:    0x80064, 0, 1
  number of stereo multibuffer types:    0
```

ENVIRONMENT

DISPLAY
To get the default host, display number, and screen.

SEE ALSO

X11(7), **xwininfo**(1), **xprop**(1), **xrdb**(1)

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AUTHOR

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