

NAME

vncserver - a wrapper to launch an X server for VNC.

SYNOPSIS

vncserver [*:display*] [-geometry *widthxheight*] [-depth *depth*] [-pixelformat *rgbNNN|bgrNNN*] [-name *desktop-name*] [-httpport *int*] [-basehttpport *int*] [-alwaysshared] [-nevershared] [*Xvnc-options...*]

vncserver [-clean] -kill *:display*

vncserver -help

DESCRIPTION

vncserver is a wrapper script for **Xvnc**, the free X server for VNC (Virtual Network Computing). It provides all capabilities of a standard X server, but does not connect to a display for itself. Instead, **Xvnc** creates a virtual desktop you can view or control remotely using a VNC viewer.

OPTIONS

You can add **Xvnc** options at the command line. They will be added to the invocation of Xvnc without changes. The options provided by the **vncserver** itself are as follows:

:display

The display number to use. If omitted, the next free display number is used.

-geometry *widthxheight*

Set desktop width and height.

-depth *depth*

Set the colour depth of the visual to provide, in bits per pixel. Must be a value between 8 and 32.

-pixelformat *rgbNNN|bgrNNN*

Set colour format for pixels representation. The viewer can do the conversion to any other pixel format, but it is faster if the depth and pixel format of the server is the same as the equivalent values on the viewer display.

-name *string*

This specifies the name of the desktop.

-clean This option can be used in conjunction with

-kill *:display*

Stops the session running on the specified display.

-nevershared

Never allow shared desktops.

-alwaysshared

Always allow shared desktops.

-basehttpport *int*

The base http port to use for the java client applet (you have to install the tightvnc-java package to make this work). The real port number will be port = base + display num.

-httpport *int*

The http port to use for the java client applet (you have to install the tightvnc-java package to make this work).

-help Prints a short usage notice to stderr.

EXAMPLES

vncserver

Invokes **Xvnc** on the next available display and with suitable defaults.

vncserver :1

Invokes **Xvnc** on display :1.

vncserver *-geometry 800x600 -depth 16 :1*

Invokes **Xvnc** on display :1 with desktop size of 800x600 pixels and color depth of 16 bits per pixel.

vncserver *-kill :1*

Shuts down **Xvnc** server on display :1.

SEE ALSO

Xvnc(1), **vncviewer(1)**, **vncpasswd(1)**, **vncconnect(1)**

AUTHORS

Original VNC was developed in AT&T Laboratories Cambridge. TightVNC additions were implemented by Constantin Kaplinsky. Many other people participated in development, testing and support.

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