NAME
xvidtune − video mode tuner for Xorg

SYNOPSIS
xvidtune [**-show** | **-prev** | **-next** | **-unlock**] [−*toolkitoption* . . .]

DESCRIPTION
Xvidtune is a client interface to the X server video mode extension (XFree86-VidModeExtension).

When given one of the non-toolkit options, xvidtune provides a command line interface to either print or switch the video mode.

Without any options (or with only toolkit options) it presents the user with various buttons and sliders that can be used to interactively adjust existing video modes. It will also print the settings in a format suitable for inclusion in an xorg.conf file.

Normally the Xorg X servers only allow changes to be made with the XFree86-VidModeExtension from clients connected via a local connection type.

Note: The original mode settings can be restored by pressing the 'R' key, and this can be used to restore a stable screen in situations where the screen becomes unreadable.

The available buttons are:

Left
Right
Up
Down
>   Adjust the video mode so that the display will be moved in the appropriate direction.

Wider
Narrower
Shorter
Taller
>   Adjust the video mode so that the display size is altered appropriately.

Quit   Exit the program.

Apply   Adjust the current video mode to match the selected settings.

Auto   Cause the Up/Down/Right/Left, Wider/Narrower/Shorter/Taller, Restore, and the special S3 buttons to be applied immediately. This button can be toggled.

Test   Temporarily switch to the selected settings.

Restore   Return the settings to their original values.

Fetch   Query the server for its current settings.

Show   Print the currently selected settings to stdout in xorg.conf "Modeline" format. The primary selection is similarly set.

Next   Switch the Xserver to the next video mode.

Prev   Switch the Xserver to the previous video mode.

For some S3-based cards (964 and 968) the following are also available:

InvertVCLK
>   Change the VCLK invert/non-invert state.

EarlySC   Change the Early SC state. This affects screen wrapping.

BlankDelay1
BlankDelay2
>   Set the blank delay values. This affects screen wrapping. Acceptable values are in the range 0−7. The values may be incremented or decremented with the '+' and '-' buttons, or by pressing the '+' or '-' keys in the text field.

For S3-864/868 based cards *InvertVCLK* and *BlankDelay1* may be useful. For S3 Trio32/Trio64 cards only *InvertVCLK* is available. At the moment there are no default settings available for these chips in the video mode extension and thus this feature is disabled in xvidtune. It can be enabled by setting any of the optional S3 commands in the screen section of xorg.conf, e.g. using

> **blank_delay** *"∗"* **0**

OPTIONS

xvidtune accepts the standard X Toolkit command line options as well as the following:

–show   Print the current settings to stdout in xorg.conf "Modeline" format and exit.

–prev   Switch the Xserver to the previous video mode.

–next   Switch the Xserver to the next video mode.

–unlock   Normally, *xvidtune* will disable the switching of video modes via hot-keys while it is running. If for some reason the program did not exit cleanly and they are still disabled, the program can be re-run with this option to re-enable the mode switching key combinations.

SEE ALSO

xrandr(1), **Xorg**(1), **xorg.conf**(5).

AUTHORS

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BUGS

X Error handling, i.e. when the server does not allow xvidtune clients to write new modes, could be better.