

NAME

`cvt` - calculate VESA CVT mode lines

SYNOPSIS

`cvt` [`-v|--verbose`] [`-r|--reduced`] *h-resolution* *v-resolution* [`refresh`]

DESCRIPTION

Cvt is a utility for calculating VESA Coordinated Video Timing modes. Given the desired horizontal and vertical resolutions, a modeline adhering to the CVT standard is printed. This modeline can be included in Xorg [xorg.conf\(5\)](#)

OPTIONS

refresh Provide a vertical refresh rate in Hz. The CVT standard prefers either 50.0, 60.0, 75.0 or 85.0Hz. The default is 60.0Hz.

-v|--verbose
Warn verbosely when a given mode does not completely correspond with CVT standards.

-r|--reduced
Create a mode with reduced blanking. This allows for higher frequency signals, with a lower or equal dotclock. Not for Cathode Ray Tube based displays though.

SEE ALSO

[xorg.conf\(5\)](#), [gtf\(1\)](#)

AUTHOR

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This program is based on the Coordinated Video Timing sample implementation written by Graham Loveridge. This file is publicly available at <<http://www.vesa.org/Public/CVT/CVTd6r1.xls>>. CVT is a VESA trademark.