

**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.