

NAME

gtf - calculate VESA GTF mode lines

SYNOPSIS

gtf *h-resolution v-resolution refresh* [**-v**|**--verbose**] [**-f**|**--fbmode**] [**-x**|**--xorgmode**]

DESCRIPTION

Gtf is a utility for calculating VESA GTF modes. Given the desired horizontal and vertical resolutions and refresh rate (in Hz), the parameters for a matching VESA GTF mode are printed out. Two output formats are supported: mode lines suitable for the Xorg **xorg.conf(5)** file, and mode parameters suitable for the Linux **fbset(8)** utility.

OPTIONS

-v|**--verbose**

Enable verbose printouts. This shows a trace for each step of the computation.

-x|**--xorgmode**

Print the mode parameters as Xorg-style mode lines. This is the default format.

-f|**--fbset**

Print the mode parameters in a format suitable for **fbset(8)**.

SEE ALSO

xorg.conf(5), cvt(1)

AUTHOR

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This program is based on the Generalized Timing Formula (GTF(TM)) Standard Version: 1.0, Revision: 1.0. The GTF Excel(TM) spreadsheet, a sample (and the definitive) implementation of the GTF Timing Standard is available at <ftp://ftp.vesa.org/pub/GTF/VTF_V1R1.xls>.