cirrusfb.txt

Framebuffer driver for Cirrus Logic chipsets
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{ just a little something to get people going; contributors welcome! }

Chip families supported:
        SD64
        Piccolo
        Picasso
        Spectrum
        Alpine (GD-543x/4x)
        Picasso4 (GD-5446)
        GD-5480
        Laguna (GD-546x)

Bus's supported:
        PCI
        Zorro

Architectures supported:
        i386
        Alpha
        PPC (Motorola Powerstack)
        m68k (Amiga)

Default video modes

At the moment, there are two kernel command line arguments supported:

mode:640x480
mode:800x600
        or
mode:1024x768

Full support for startup video modes (modedb) will be integrated soon.

Version 1.9.9.1
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* Fix memory detection for 512kB case
* 800x600 mode
* Fixed timings
* Hint for AXP: Use -accel false -vyres -1 when changing resolution

Version 1.9.4.4
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* Preliminary Laguna support
* Overhaul color register routines.
* Associated with the above, console colors are now obtained from a LUT

  called 'palette' instead of from the VGA registers. This code was
  modeled after that in atyfb and matroxfb.
* Code cleanup, add comments.
* Overhaul SR07 handling.
* Bug fixes.

Version 1.9.4.3
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* Correctly set default startup video mode.
* Do not override ram size setting. Define
  CLGEN_USE_HARDCODED_RAM_SETTINGS if you _do_ want to override the RAM
  setting.
* Compile fixes related to new 2.3.x IORESOURCE_IO[PORT] symbol changes.
* Use new 2.3.x resource allocation.
* Some code cleanup.

Version 1.9.4.2
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* Casting fixes.
* Assertions no longer cause an oops on purpose.
* Bug fixes.

Version 1.9.4.1
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* Add compatibility support. Now requires a 2.1.x, 2.2.x or 2.3.x kernel.

Version 1.9.4
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* Several enhancements, smaller memory footprint, a few bugfixes.
* Requires kernel 2.3.14-pre1 or later.

Version 1.9.3
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* Bundled with kernel 2.3.14-pre1 or later.