

A. M. U. S. E. NEWS

March 2011

Editors: Kevin Orme/Wendell Watanabe Copyright © AMUSE 2011

Amiga News

From around the web

OS4 patch 1.2 for Sam440ep/flex boards

There's an update of sam440ep_setup on OS4Depot. With this new setting read speed increases around 50% on Radeon PCI cards (up to 42 MB/s on a M9 card) and around 200% on RadeonHD PCI cards.

What it does:

On some Sam440ep boards, the MMUCR register is not set correctly at bootstrap. This leads to poor write L1 cache performances. The utility check the register, and if needed, modify it.

On all Sam440ep boards with a Radeon card enables read prefetching for graphic ram. If a Radeon card is detected, the utility will modify the POM2 PCI registers to enable read prefetching. This speed up reads for the gfx card from 15 MB/s to 30 MB/s on a M9 card.



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Sets the Latency Timer on the 440ep PCI Bridge. With this new setting read speed increase around 50% on Radeon PCI cards (up to 42 MB/s on a M9 card) and around 200% on RadeonHD PCI cards.

Download sam440ep_setup.lha here:
http://os4depot.net/index.php?function=showfile&file=utility/shell/sam440ep_setup.lha

IContain announces Amiga branded TVs, cell phones, and computers

IContain announces Amiga branded TVs, cell phones and computers (Update) When a certain Todd Kleperis contacted the Aminet team two days ago to “discuss your library of Amiga titles” and ask for “guidance as to how to work with the existing fan base”, the initial reaction over at Aminet was confusion. According to Kleperis, his company IContain is operating from China and about to revive the Amiga line of electronics. Why he chose to use Aminet as his first contact with the actual Amiga scene was not explained though.

This newsletter is published monthly using PageStream5.0.1.37© and printed to a Brother HL1440© Laser printer. Articles are all submitted voluntarily and reflect only opinions of our members and close friends!

Read the full story on amiga-news.de:
<http://www.amiga-news.de/en/news/AN-2011-02-00054-EN.html>

DiscreetFX Hiring

DiscreetFX is beginning its search for a part time marketing director. The advantages of this position is you can work from home almost 100% of the time.

Before you get too excited, this position requires a bachelors degree in marketing and is 100% commission in the first year. The income potential can become quite generous depending on your skill set and abilities.

If your still reading this and are interested please contact us by e-mail via this link:
<http://www.discreetfx.com/contact.html>

Best regards
DiscreetFX Team

WinUAE (2.3.1) released

Got a little sidetracked and missed the release date on this, but on the 26th Feb Toni Wilen released the next update to the very popular Amiga Emulator - WinUAE.

New features:

- * Directory filesystem
ACTION_LOCK_RECORD and
ACTION_FREE_RECORD.
- * Gamepad joystick type for games that support 2nd fire button but can't read it without pull-up resistor. (for example Aladdin)
- * Manual filter configuration fully implemented.
- * Autoresolution supported (automatically selects lowest used resolution on the fly)
- * MIDI device names are stored in configuration file.

Updates:

- * Custom chipset undocumented feature compatibility updates. (For example Magic Demo / Diabolics, MoreNewStuff by PlasmaForce, Kefrens Party Intro by Wiz)
- * M68K AROS compatible IDE and RTG emulation.

- * Statefile compatibility updates. (Initial audio glitches, mouse counters updated correctly, CPU exact mid-instruction state saved, active disk DMA state saved)

- * New filter defaults, 1x (not FS) and always scale if selected screen/window size is very small or large enough.

- * Auto resize and center filter modes 1x/2x.. modifiers now adjust window size.

- * Attempt to load disk image and hard disk paths in state files from current directory, current adf/hardfile path and finally state file directory if original path or file is missing.

- * SCSI emulation physical drive tray load/eject pass-through.

- * SCSI emulation CD audio support improved. (for example T-Zero and The Shadow of the Third Moon)

- * Clipboard sharing disable option in GUI.

2.3.0 bugs fixed:

- * Audio pitch errors if audio period rate was near minimum audio DMA limit.

- * Very heavy CPU usage if program continuously plays really short audio samples.

- * ROM scanner again detects *.rom files in root directory.

- * Sample ripper works again.

Bugs fixed:

- * Directory file system was slow on most

To submit an article for this newsletter, please contact Kevin Orme (amigau@oz.net or Wendell Watanabe (wendell@eskimo.com) The deadline for articles and items for sale is by the second Friday of each month.

modern multicore systems.

- * CDTV CDA playback didn't work if play ending track was set to last track. (Prehistorik CDTV)

- * 2352 byte sector plain ISO images didn't mount correctly.

- * Some drives had problems reading Mode 2 Form 1 data tracks.

- * SPTI+SCSI SCAN didn't detect any non-CD devices (broke in 2.2.1)

- * Automatic resize filter didn't always work correctly.

- * Topmost scan line was usually not visible in autoscale modes.

- * GamePorts parallel port joystick configuration crash fix.

- * Random RTG colour errors when switching to/from full screen 8-bit RTG modes.

- * Archive mounting crashed if something prevented complete unpack (for example non-dos dms image file)

- * Hard drive state files didn't save correctly if more than one hard drive was configured.

- * A2065 Z2 board emulation fixes. (Lost interrupts, broadcast packets getting ignored, transmitter dropping big packets.)

- * A500 power led fade tricks really work now.

- * HRTMon didn't work in cycle-exact modes.

And more...

Download Installer version:

<http://www.winuae.net/files/InstallWinUAE2310.exe>



Download ZIP version (3.0MB): <http://www.winuae.net/files/WinUAE2310.zip>

For all the latest please visit the Official WinUAE

website: <http://www.winuae.net/>

A-EON updates

Nemo revision 2 progress report

Following the AmigaOne X1000 Update article in the current edition of "Amiga Future" magazine we asked Adam Barnes, the Technical Director of Varisys, to provide an official Nemo progress report.

"From the horse's mouth"

We have had some problems with procurement of certain items for the revision 2 Nemo board which delayed our production plan by about 4 weeks. The situation was not helped either by the Chinese New Year celebrations. However, I'm pleased to report that these difficulties have now been overcome. We've had one remaining issue with supply of the onboard PC99 audio connector. The best delivery we could obtain for the existing connector type was a minimum order quantity of 10,000 pieces and a lead time of 12 weeks. We had an option for a direct replacement which has 6 jacks (enough for 5.1 analogue out) but unfortunately the Taiwanese supplier did not respond to our communications. Our alternative compromise plan was a triple jack which would support simple stereo audio out through the back panel, with header pins on the board to support 5.1 audio for users who want this feature. However, this was not our preferred option and eventually we managed to source an almost identical PC99 HD audio connector from an Italian company to satisfy our demand for all the Beta test boards.

We already have enough PA6T CPUs in hand and we have also secured supplies of the SB600 south bridge chip and various other long lead parts, with deliveries of all due on or before the 15th of this month, in

sufficient quantities for the current schedule of revision 2 beta test boards. Typically, the production time from full kit to assembled boards is 10 days for small batches (the 5 off for approval). This timescale will be confirmed once the kit is issued out for build. The estimated lead time for the balance of beta test boards will be around 20-25 days based on standard PCB fabrication and assembly lead times.

Barnes also confirmed he was in the process of writing up a technical brief of the new dual-core XMOS subsystem. This will include a block diagram and pinouts so prospective end users can start working on the XMOS side of things.

A-EON Technology CVBA

Quick Links

Gathered by Moxee

AmiWest Show 2010 photos on-line
posted by RobertB on 25-Feb-2011

A long time in the making, but now available for your viewing pleasure - photos from the Oct. 22-24 AmiWest Show 2010 held in Sacramento, California.

To see the 25th anniversary Amiga celebration, go to:
<http://www.dickestel.com/amiwest10.htm>

New WarpDT Datatypes
posted by Templario on 26-Feb-2011

Our friend Oliver Roberts continues this month updating his datatypes. First the WarpPNG V45.1, then WarpJPEG V45.8, and now the WarpPCX V45.5. Thank you Oliver for your work with this little jewel of Amiga software that are your datatypes.

For downloading the new versions:
<http://www.warpdt.co.uk/>

hw4cubic 1.2 released
posted by ClydeRadcliffe on 14-Feb-2011

Some days ago I released version 1.2 of hw4cubic. hw4cubic is a plug-in for Cubic IDE <http://devplex.awardspace.biz/cubic/> that enables you to develop Hollywood <http://www.airsoftsoftwair.de/> programs much more comfortably.

The focus of this release is to add syntax highlighting, quick help, and intellisense for Hollywood 4.7. You can download this free plug-in at the project's website under <http://code.google.com/p/hw4c/>.

Acuario Final Version
posted by Templario on 26-Feb-2011

Available at OS4Depot <http://os4depot.net>, and at <http://www.morguesoft.eu> is the Final Version of Acuario screensaver for Amiga 68k, OS4, and Windows. This latest version has the improvements the previous version 2.07 that I couldn't finish for my problems with my Sam. The latest version has a new mermaid and a new intro besides of the options of 2.07. Choose among all mermaids of Acuario, the PFS display, etc. <http://www.morguesoft.eu>

iBatch V 1.2 announced + FAQs published
posted by gerograph on 9-Mar-2011

iBatch V1.2 is coming soon !

This Image batch processing tool will mainly feature Exif support and a work-flow-manager in its new version. Exif support enables you to gain over 200% speed by

using .jpg embedded thumbnails (part of Exif header) instead of creating them from scratch. Work-flow-manager Plug-in will help you to execute up to five plug-ins one after another. A detailed feature list will be published soon.

<http://www.geobiz.de/ibatch.html>

New winbar.docky with Apps support
posted by centaurz on 8-Mar-2011

Winbar.docky 50.14 introduces the ability to see currently running OS4 Applications and perform tasks such as hiding, unhidden, and opening recently used documents using the contextual menu. In particular, iconified applications will appear in a different style and can be quickly brought to front.

Download from OS4Depot:

<http://os4depot.net/index.php?function=showfile&file=utility/docky/winbar-docky.lha>

UberCassette V0.02 for ALL Amigalikes
posted by Spirantho on 8-Mar-2011

I've just uploaded a new archive of my latest project: UberCassette

<http://www.retroreview.com/iang/UberCassette/>

It will - one day - do everything to do with dumping cassettes of 8-bit machines. As it stands now V0.02 supports Acorn Electron, BBC, and - of course - Commodore 64, C16/+4 and VIC-20 tapes. It supports raw TAP files as well as binary T64 files for the Commodore machines, and UEF files for Acorns. Just feed it your WAV file - even copy-protected ones - and it'll give you a nice emulator friendly tape file, ready for Vice or whatever.

Soon I'll be adding support for other machines, such as Spectrum, Amstrad and anything else I can think of. Kind of like my Catweasel drivers, except on tape. I've compiled using AmiDevCPP, and made

builds for AmigaOS 3, AmigaOS 4, MorphOS, AROS x86, AROS PPC, Linux x86, and Windows. Full POSIX-compliant source is included. It's just a command-line app at the moment.

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