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On 2/14/09 10:35 AM, in article C5BC4EE7.194B7%kg@kerrygalloway.com, "Kerry Galloway" <kg@kerrygalloway.com> wrote:

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:: kerrygalloway.com/ParisForums/ ::
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:: [posted via the PARISForums] ::
:: kerrygalloway.com/ParisForums/ ::
----------and another test, this time with attachment

- test-
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:: [posted via the PARISForums] ::
:: kerrygalloway.com/ParisForums/ ::

And another test

- KG...

:: [posted via the PARISForums] ::
:: kerrygalloway.com/ParisForums/ ::
----------[Time to get caught up with putting development-related news here so folks can see advances at a glance.]

[UPDATE 04/2016: Paris can now read and write PAF files as if they were a native format! See sticky in main forum for info and downloads.]

sA of March 2009, Reaper can now read PAF files - yes, directly on the edit screen - thanks to the fine work of developer Xenakios.
See here for info: http://forum.cockos.com/showthread.php?t=33102

Reaper extension available for download here: http://stash.reaper.fm/v/2421/libsndfilewrapper.zip

Limitations: Extension is for PC version of Reaper only (Mac OSX version of extension coming).

Issues: potential problems reading 24-bit PAF generated by the Mac version of PARIS (possible bug in libsndfile, which is being investigated). PC PARIS generated PAFs should work fine at all rates/depths. Still being tweaked..

:: [posted via the PARISForums] ::
:: kerrygalloway.com/ParisForums/ ::
----------PARISian TC has verified that VirtuaVia expansion chassis (four PCI-slot external chassis with a cable that terminates in a PCI-e adapter card you plug into the host computer) work very nicely with PARIS hardware, allowing you to expand your available PARIS-friendly PCI slots and (in conjunction with Mike's new drivers) making IRQ headaches a thing of the past.

Make sure you get the bare chassis, the one that doesn't come with case or power supply (buy your own with the specs you need). This is the one:

http://www.virtuavia.eu/shop/pci-e-to-pci-expansion-card-kit .htmlA note to those browsing this thread: the drivers are now finished, released and available for sale at Mike's site, http://www.ensoniq.ca/ for the entirely modest sum of $50.

This beta driver is still downloadable and usable. It's a beta and it has bugs that were addressed in the release version, and there is no support for the betas (there is naturally full support for the release version).

But before you decide to use this beta - although there's a fee for the released drivers, this is a labour of love, not "commercial software development". I sought out quotes from multiple driver developers last year before Mike took on the task; commercial driver development for PARIS would have cost mid-five figures USD.

In the unlikely event that every single PARIS user (even Mac users!) bought these drivers at the price Mike is charging, Mike would stand to make a fraction of that. So in a very real sense, the vast bulk of Mike's extremely skilled work here is donated. And I can tell you that we couldn't have asked for a more skilled and diligent job from *anyone*.

So if you decide to "try before you buy" - please buy after you try. This is one of the most exciting periods in PARIS' post-development history and Mike has lots of other projects in mind for PARIS development. Some of them may just blow your mind. So let's treat our friends right and show him our appreciation.

- Kerry"Mike Audet" <mike@...> wrote:
>
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>
>Someone said that "We've seen the enemy, and he is us."
>
>I'm pretty sure I found the cause of the buffer allocation errors. When
>I was working on the PSCL, I increased some buffers as part of my trying
>to figure out why the app was locking up on a multi cpu machine. I increased
>them a lot and never turned them back down. Sorry. :(
>
>I recompiled the PSCL with the original buffer settings, which I think will
>solve this once and for all.

>
>Thanks everyone who tests these betas. I'm running the latest builds right
>now, and all seems well.
>
>Cheers!
>
>Mike
>
>
Hi, I was wondering if you are the person on ebay selling new xp drivers
for paris to take advantage of multicore processing?Tracy Stamatakis wrote on Wed, 25 March 2009 12:06
> Hi, I was wondering if you are the person on ebay selling new xp drivers
> for paris to take advantage of multicore processing?

Yes, you can believe your eyes :) - that's indeed the NG's own Mike Audet, who has redesigned PSCL (the main driver that does the audio "heavy lifting") from the ground up. This thread is about the beta, and naturally you're far better off going with the release version - from all reports it's excellent, and works stably and efficiently on modern multicore systems. It's already starting to spur PARIS users into previously-undreamed-of computer upgrades (TC, for example, has it running on an Intel Mac booted into XP).

Take a browse around, there's been lots of fun stuff going on lately. The old girl has a trick or two up her sleeve yet.

- Kerry.

:: [posted via the PARISForums] ::
:: kerrygalloway.com/ParisForums/ ::
----------I listed this as an alpha because as far as supporting PARIS OMF files, that seems about right. It opens some PARIS OMFs, omitting track names/region names/framerate/tempo. I wouldn't call it *useful* right now, but it's certainly intriguing, and more exploration is coming. See this thread - http://forum.cockos.com/showthread.php?t=24943 - for details (starts around post 121)Test

On 3/29/09 11:36 PM, in article 49d06cff@linux, "Administrator"
<kg@kerrygalloway.com> wrote:

> I listed this as an alpha because as far as supporting PARIS OMF files, that
> seems about right. It opens some PARIS OMFs, omitting track names/region
> names/framerate/tempo. I wouldn't call it *useful* right now, but it's
> certainly intriguing, and more exploration is coming. See this thread -
> http://forum.cockos.com/showthread.php?t=24943 - for details (starts around
> post 121)

>Paris on Windows7 is awesome. It is the most stable build of paris I have ever used. Fantastic.

And it looks SO cool! Check out the screen shot!

-PhilHey Philip

Out of curiosity what size monitor are you using?Did I miss something? Is there a Windows 7 driver for Paris?????

Cheers

KWhat the??

Is this for real, or some good photoshop work?

If it's for real, that is damn cool!

This is 100% legit. No photoshopping. I am sort of beta-testing these drivers for our favorite Paris programming genius.

My monitor is a HP w2338h 23" LCD. It LOOKS amazing running paris. But the best thing is the performance, not the looks. This thing is super fast, super responsive, and amazingly issue free. My current setup is the most rock solid and stable Paris rig I have ever run, including Win98.

-PhilWooot, way to rock it out of the park, Mike and Phil!

How about plugins? What kind of VST/DX plugs can you run, does that change much in Win7?

- K

Just checking the threads in this section and all I can say is WOW! Very cool!!!Kerry,
For plugs- I am using pretty old stuff. I got paris and all my plugs around 2002-3. I literally haven't updated anything but my computer since then. So, I am using some Waves plugs, antares, and a few others as DX. For VST, I think just maybe drumagog 4 sometimes and Amplitube.

It is sickeningly fast though. I recorded a live jam- 8 tracks, for about 1.5 hours no issues and then watched the audio render at dizzying speed. 4 GB ram, and a dual core CPU at 2.6 ghz. Also, all the fader levels are crisp and the editors all roll sharply.

My Paris system is not too elaborate either. 3 cards, one mec, one ADAT, one 442 and a single C-16. I have an 8 channel digital pre- that runs 8 channels of ADAT into the mec for mixer 1, and then another rack of 8, four analog into the back of the mec and 4 into the 442.

Finally, I just noticed, I have photoshop running in my screen grab! No wonder there were skeptics. I used PS to do the print screen- no editing though. This is really the way of the future for Paris.

-Phil

Got MY interest!hi philip-
are you running a 32 or 64 bit machine? i assume it's a pc on which you're running paris? did you have to load any special drivers to get paris to work under window 7, and if yes, where can i get these drivers? any other special thing you might have had to do, to get things to work? do you have to run it in "xp mode", or does it run straight-up in win.7?
THANKS SO MUCH!
most sincerely yours-
harryHey,
I am running 32-bit Windows 7. On a PC, with an expansion chassis to hold the EDS cards. It is not running on the virtual machine. It is running in 7. In fact, it is 7 Professional, so it doesn't even have the virtual PC feature.

As for drivers, they are Mike's. He has created a monster with them. As I hinted at in the op, the install is very clean and VERY stable. I get maybe 25% of the crashes I used to get on xp and it runs sickeningly fast on my machine, being a dual core, with 4 GB of ram. As for crashes, let me be clear, they are probably 95% plugin related, and not an issue with the drivers.

As for the the install, I think it was straight forward. I basically just followed the same steps I would have followed on an XP machine. I think the only "trick" is that in order to make the actual Paris.exe run, you have to run it in compatibility mode.

-PhilHi, I need some help in updating my paris system. I haven't used for a while and I'm wondering what I need to do to up date my computer and drivers. I'm using an old Gateway comp with a Pentium 2. I have the bundle 3 Paris system, Mec, control 16, and one card. I used for some acoustic music projects awhile ago and I've decided to break it out again. Any help would be great on what to purchase for a computer and drivers.Thanks Ron
What version Windows are you planning on running? From the looks of the processor I would guess Windows 95 or 98. Do you already have the version 3 software installed and unlocked?

(If you don't need the version 3 updates, then version 2 doesn't require an unlock from Intelligent Devices)

Some more info about the computer and what you are planning on running on it would help out.

-Bradley

Hi Bradley,
  I have version 2 software and I don't think I need 3 at this moment. I'm really a rookie at this, so any help would be great.I was planning on putting the system in my present computer which has XP or just buying a new one and go from there. Thank Ron
Maybe it would be better to talk over the phone. I don't know what questions you have or what you are needing help with. Are you in the US, and what time zone are you in?

-BThat would be a great help.

Thanks, RonI'll leave that number up for long enough for Brad to grab it and then I'll delete it - no sense in leaving it around for bots to index
Got it!

Are you talking about Mike's old Xp driver for multicore systems (PARISMulticoreReleaseVersion1.02.zip) or did I miss something? (Actually it would make sense to make a sticky post with links to the latest drivers, plugins etc.).

I think mine is newer than the last general release, but I don't know. I am not familiar with all the different builds.
WOW!! Where can we get the driver?My guess is that you will just have to wait until Mike releases a build. I can't say when that will be, or even if I have the most recent release. All I know is that it works for me.Everybody went silent ..... We have seen that is actualy working .... can we at least get some beta drivers so that we can go to Win 7 ?

Cheers

Max

When the PARIS newsgroup disappeared, I thought the PARIS community had finally given up, so I dropped my plans for anything more than one-off projects for myself.

Are there enough of us still around to make it worth while to resurrect these projects?Voted 2....to work with Reaper would be great!

1 would be nice too and I know the C16 faders would definitely get more use

Also might want to move this to the main forum as I know it gets most of the visits it seems.

Matt
www.sandboxproductions.comYes, if possible esp to run with other software, esp if MA gets ASIO working

So I guess that's two qualifications...

Ted

Dumb Q

What would this retrofit project cost, ballpark?Hard to say how much it will cost. Depends greatly on how many I make. If it's just a couple, we're probably talking $500+ each. The faders I'm using (same as the ones in the Euphonix Artist Series) are $12 each, so that's a couple hundred bucks right there...Wow, that's a lot less than I thought. I'd probably jump right in even if they only worked for Paris.

Assuming it will behave in hardware just as the automation in software does, with flipping between the submixes recalling automation for those mixes etc etc

Yeah, I'm in.

When the PARIS newsgroup disappeared, I thought the PARIS community had finally given up, so I dropped my plans for anything more than one-off projects for myself.

Are there enough of us still around to make it worth while to resurrect these projects?

The ADAT interface is a 1U rack mount box with a connection for the EDS card and two ADAT optical interfaces.That sounds interesting...like a breakout box for the ADAT I/O?If you could get it to interface with Reaper I'd definitely be interested...hell I'd buy a couple more C16s just for that...oops this might start a run on C16s....never mindNo C16 required. This is a complete replacement...Yes. It's a pretty simple interface. There is a direct correlation between channels from the EDS card to ADAT channels. No MEC required.Will it pass 24 bits? I've just picked up an SSL Alpha Link ADDA box. 24 channels in and out. Certainly a step up from the Paris converters, but it's an ADAT unit, and it would be great to run it in and out of Paris @ 24 bits.

Ted

Hey even if you don't get a lot of others to sign up, maybe you'd make some one offs for those who want them...Yes, it works with 24 bits. Basically, I just collect bits from the EDS until I get the... (hmm, can't remember the official term) ...the one connection switches states and indicates that the channels are flopping, so I transfer those bits into the output buffer and pad with zeros if there are only 16.

(Sorry, I'm home sick today, so my brain may not be completely organized. Hope that makes sense...)Hey Doug - have you considered breaking this into two discrete projects - one a "motorized C16" and the other a smaller "line lump" that would sit between any C16 and the EDS card and have a MIDI out jack on it?

That second box would leave people with a C16 that was platform and driver independent. Most of the development would be stuff you'd be doing for the motorized fader box anyway; the comparative hardware costs for the line-lump would be peanuts, and the market comparatively larger (folks that might hesistate at buying a $500 motorized fader controller would buy a $75 "turn your C16 into a MIDI controller" box without a second thought).

I can't wait until you and Mike get talking. He's bootstrapped himself into being a formidable coder and he's an absolutely great guy. He's put some time into scrutinizing the C16's quasi-midi "language" since his plan is to have it show up to the OS as a MIDI controller once the Win7 64bit drivers are licked.

Inspiring stuff! Waiwaiwait - I use my second MEC solely to hold two ADAT cards. Does this mean I could ditch it and save four precious rack spaces in my machine room?

24 bits? OK, now we're really talking. Yes, this would be of great interest.Giddy up!Interesting... One of my suppliers is saying that the TOSLINK transmitter modules are discontinued... I'll look

into it some more, but I may have to order some just to make sure I have stock...kerryg wrote on Tue, 15 March 2011 15:22have you considered breaking this into two discrete projects - one a "motorized C16" and the other a smaller "line lump" that would sit between any C16 and the EDS card and have a MIDI out jack on it?
I thought that one other guy already did the MIDI out thing?

Quote:the comparative hardware costs for the line-lump would be peanuts, and the market comparatively larger (folks that might hesistate at buying a $500 motorized fader controller would buy a $75 "turn your C16 into a MIDI controller" box without a second thought).
Sure, I think you're right on that. I suppose I should consider resurrecting the wireless module project too...

Quote:I can't wait until you and Mike get talking. He's bootstrapped himself into being a formidable coder and he's an absolutely great guy. He's put some time into scrutinizing the C16's quasi-midi "language" since his plan is to have it show up to the OS as a MIDI controller once the Win7 64bit drivers are licked.
Sounds good. I had communicated with him a long time ago, but we lost touch without doing anything...I like the 'green' aspects of converting the C-16 into a generic midi interface (preferably one that speaks the MCU protocol). Re-use and Re-cycle!

I've got 3 of these things.....

Cheers

KrisI would love to run my paris rig on WIN 7.
I'm running Cubase 6 on a win7 machine into paris on a xp machine via light pipe.
8 cards 4 mecs.
Thanks guys for keeping the undeniable sound of Paris alive!!

According to Mike the current XP driver works fine in Win7, but if you contact him he'll give you a more recent build with some ongoing tweaks included.Thanks Kerry!
Hey I have been having a issue with little pops coming out of 2 channels like every 1 or 2 seconds. Sometimes a restart of the machine helps or I will try other things ie changing clock back to internal & back to ext. changing cards in global mixer, turning sub mixers on & off etc.
It is a bit of a pain & I'm not sure what causes it?
Any ideas? Thanks for your time!
Blessings!
MichaelAre you using any plugins when the popping happens?

MICHAEL B HODGE wrote on Thu, 24 March 2011 15:11Thanks Kerry!
Hey I have been having a issue with little pops coming out of 2 channels like every 1 or 2 seconds. Sometimes a restart of the machine helps or I will try other things ie changing clock back to internal & back to ext. changing cards in global mixer, turning sub mixers on & off etc.
It is a bit of a pain & I'm not sure what causes it?
Any ideas? Thanks for your time!
Blessings!
Michael
Seen that with digital cabling with unequal lengths on the "snd" and "receive" sides, I'd check that

first.Have you seen that with optical cables too?Yeah running ADAT to/from with different lengths. At fist I thought I had conflicting clocks, but then I realized that in PARIS Internal was selected. In hindsight, this explanation is the only one left...bumpWhoops, my bad - I'd deleted the beta drivers from another thread but missed these.

Folks, by now you definitely do NOT want to be going with Mike's old beta drivers. By now we all know his drivers are as solid as a house. Grab the commercial release drivers instead - not just because buying them encourages further PARIS development, but because they're finished work. Beta drivers, pretty much by definition, are not.That's so weird that it affects lightpipe. I've heard that the speed of electricity in a circuit is a pretty conditional thing - but in optical cables, given the speed of light the time taken on the two respective legs must be functionally identical. But there it is - cleaning up my lightpipe cabling and standardizing the lengths made a big difference over here.In the past, when I have had issues with "pops" and "clicks" in playback, it has been heat related. If you have central air conditioning, try putting your rack\PC holding the EDS cards over the vent and blast it with cold air. See if that solves the issue. If so, you can look into better ventilation, or other ways to reduce the heat.

-PhilThis is such a neat thread that I've stickied it. Thanks for showing us such a cool path forward, Mike and Phil!A "real" 24 bit interface would be great. I'd buy one of those...well worth shipping out here to Australia. Doug Wellington wrote on Tue, 15 March 2011 14:42No C16 required. This is a complete replacement...

Ok, I'm intrigued. Would this thing be only faders? Or transport controls and such as well? How would it behave across submixes?

JimmyPretty much a clone of the C-16 with all buttons, knobs and faders. (No up and down leds though.)I'd find the money.Count me in for the line-lump.Count me in.I 'm in too!After thinking about it..... I want 2.Well, not looking too good at the moment. I haven't found anyone who still has the ADAT chips. It's officially on the back burner until I find those chips... Well, interesting. I finally got a reply back from Wavefront Semiconductor. There may be hope after all!

If this doesn't work, I might have to bone up on FPGA coding...awright!I'm still in for 2!I have ParisPro 3.0 with the driver I purchased for XP. When Paris pro loads the two MEC that I have they do not seem to be in sync. The A says internal 44hz and the second B says word 48hz. When I try to switch it in Paris from 44 to 48 it switches it on A only. Shouldn't they say the same thing? I have a BNC from A out to B in. I have the MECs plugged into two EDS1000 cards. Each MEC has 16 inputs and 8 out puts. I can switch B as the master switch the BNC around and get similar results. Thanks,MattBy default both MECs run at 44.1K despite what the lights and A and B say

Caveat: this is from memory so I might be wrong but I have two MECs and see the same thing and have never had any issues.

That being said someone will no doubt chime in with a more authoritative answer for youWhat is your clock source set to in the PARIS project? Internal?The default clock source is internal 44 when the program loads. Although it is set to this and everything loads I see that mec A says internal 44 but mec B says word 48. I can change it to internal 48 and mec a switches but mec b

stays at wprd 48. One would think that mec A and B would say the same thing. I was wondering what other peoples look like.
ThanksThe samplerate display on MEC B becomes irrelevant once A and B are sync'd: ie only MEC A's display means anything. As far as I can recall, it's always been that way.I'm wondering where this stands now -- a year later. Is your Win 7 set-up still happy with Paris? Are you running this in a pro set-up on a daily basis? If so, the "secret" drivers need to become un-secret. I would be glad to pay Mike for a working release of Win 7 drivers -- 32 bit is fine, 64 can come when and if he gets it together...

I want to move into the new year with a re-vamped rig -- I would love to keep my 3-card Paris system at the heart of it, and this would seal the deal... Thanks, and thanks to all the dedicated brainiacs toiling on Paris developments... you guys truly rock.

-- chas.Heya Chas - if you re-read the thread, there's no secret - the above example of PARIS on Win7/32 uses the existing XP drivers which are available from Mike's site (if you contact Mike directly after purchase I'm sure he'll send you the most current set with the most up-to-date tweaks).

Win7/64 drivers are in development and will have to be completed before PARIS will run on Win7/64, but your dream of Win7/32 looks like a "go" right now. You could install it on another drive or partition for safety's sake for easy reversion in case you aren't happy.Thanks for the clarification, KG. I bought Mike's drivers a couple months back, so I guess I'll turn my attention now to spec's for a new PC for Win 7. Keeping Paris running, alongside modern apps, soft-synths, etc., would just about put me in the all-I'll-ever-want place...Chas above, asked for an update.

My PARIS rig still rocks. It is lean and mean and has almost no problems. The crashes I used to have were plug-in related- so I stopped using those plugs and I am rock solid.

I do not run a "pro" studio. I record for my own pleasure and a semi-regular basis and have never been happier and less stressed by my DAW.

-Phila year later .... still nothing .... is it time to sell Paris ? Hey Max, PARIS has been running like a champ on Win7 for a year and a half already - check this thread: http://kerrygalloway.com/ParisForums/index.php?t=msg&th= 14991&start=0& - jump in, the water's fine. The only Win7 drivers we're still waiting for are the 64-bit ones.Thanks ! I know , bought it .... but waiting for 64 bit.

I would buy it even if it is just passing audio , because I am using RME 9652 and Paris over adat as ADDA .... so I need it badly because all instruments are now very big for 4 GB of RAM Hi

Could you post your full system specs and PC components please?

My last XP rig was solid for years, but when I replaced it I've suffered poor stability. The new system was with paris 3.0 previously on 2.2 (I don't use pluggins when recording)I love paris have used it for 15 years now but am pulling my hair out due to stability.

I tried using a Magma but couldn't get paris to run (error 1/1) XP sees the PCI bridge and loads

scherzo for each card but paris won't run.

In desperation I bought a G5 (silly I now know I should have got a G4 os9) and haven't been able to get that to work either on magma chassis....

Any help really appreciated, I really want to stick with paris on PC or Mac, Thanks.....you finished with the Paris drivers for the UAD Apollo interface yet?

I never saw this when you posted it, so sorry for the late response.

I would be very interested in 2 of these units if the price was decent. Is there still hope in getting the chips you needed?

What do you think the time line may be.....or is this already not going to happen?

Just curious

BradleySee this thread for details...i'm in!, for ANYTHING that might be developed along this line! paris is still the best! Wowsers, time flies, sorry for no updates. My youngest kid just went off to college, so now that we're empty-nesters, hopefully I'll have time to get back to work on some of these projects.

After several emails back and forth with Wavefront, they just stopped responding to my questions. Weird. Maybe they only wanted to talk to me if I was going to order 100,000 chips...

So, if anyone is interested in FPGA stuff, chapter 7 of Advanced FPGA Design by Steve Kilts is about I2S and SPDIF, so I'm hoping that will get me closer to my own ADAT implementation...

EDIT: FWIW, I'm working with the Zedboard and Avnet LX9 at the moment, and I have a MicroZed with IO Carrier on order. I'm hoping to interface with my PARIS system through the PMOD connectors...

Regards,
DougHey Doug, I'd be interested. I'm sure you know this, but I will say it anyways. The TosLink connectors are used in different industries, so I would think that the chip or parts you are looking for are available at some distributers somewhere. I'd try to contact the company that makes the parts and find out who their distributer/dealers are. Also google the part numbers etc. It's got to be out there somewhere for replacement and repairs.

There is an idea I've had for a long time that might go with your control surface idea. Do you think it would be possible to retrofit the C-16 with motorized faders, and have a separate system with MIDI/USB ports? In other words, don't change the C-16, add to it. Have the C-16 work the way it does with the ethernet, and have a separate system for the moving faders with a USB cable connected to the computer to handle the moving fader stuff. The C-16 might have to sit a little higher with a bolt on box/frame for the additional room needed to fit any additional hardware. It

might be easier than trying to build a whole new control surface??? You wouldn't have to really get into board level stuff, you would replace the faders in the C-16 and add the MIDI/USB box/ports. What do you think?

Jamesexcelav wrote on Mon, 13 January 2014 13:56Hey Doug, I'd be interested. I'm sure you know this, but I will say it anyways. The TosLink connectors are used in different industries, so I would think that the chip or parts you are looking for are available at some distributers somewhere. I'd try to contact the company that makes the parts and find out who their distributer/dealers are. Also google the part numbers etc. It's got to be out there somewhere for replacement and repairs.
The company that made the originals is Wavefront Semiconductor, used to be Alesis Semiconductor. The chips are officially "End of Life". They were supposed to be available up until November of last year, but I had no luck getting them directly from Wavefront or anyone else for that matter. The closest I had gotten was Profusion over in the UK, but I never heard back from my email inquiry to them.

Of course, I just checked ebay again and now there are at least five vendors who claim to have them! There's hope!

Quote:There is an idea I've had for a long time that might go with your control surface idea. Do you think it would be possible to retrofit the C-16 with motorized faders, and have a separate system with MIDI/USB ports? In other words, don't change the C-16, add to it. Have the C-16 work the way it does with the ethernet, and have a separate system for the moving faders with a USB cable connected to the computer to handle the moving fader stuff. The C-16 might have to sit a little higher with a bolt on box/frame for the additional room needed to fit any additional hardware. It might be easier than trying to build a whole new control surface??? You wouldn't have to really get into board level stuff, you would replace the faders in the C-16 and add the MIDI/USB box/ports. What do you think?
Well, I'm not quite sure I'm following you, but I think the hardest part would be to make a separate interface to the motorized faders. In PARIS, it appears that there's a feedback loop where the software reads the fader and then sends the commands to light the up or down arrows. Those signals would have to be intercepted and used to control the motors. At some point it really does get simpler to just reinvent the whole thing...Unstickying because 1) we already have this functionality since AATranslator does this beautifully now and b) nothing seems to have happened at the Reaper Forums with this extension for a long time anyway.

[erm... as soon as I find the "un-sticky" button...]I'd be in, especially if it would work with other software.

JamesI moved my reply to your Control surface thread.My reply from the Adat thread...

Sorry to mix the threads. Yeah, it looks like my idea would be too much work. If the end cost would only be around $500.00, it makes sense to build new. I will mention that when Paris Pro 3.0 was released it was supposed to work with third party control surfaces. It is in the press releases, and as a dealer, I was told that they had it working with the CM MotorMix and a german control surface called the K2. It might be an easier way to go, to get Paris to work with an existing control surface. However, your idea to build a new C-16 is the best.

Third party control surfaces are mentioned in this release.

http://www.digitalprosound.com/2001/02_feb/news/emu-paris.ht mexcelav wrote on Tue, 14 January 2014 11:08Third party control surfaces are mentioned in this release.
http://www.digitalprosound.com/2001/02_feb/news/emu-paris.ht m
Wowsers, that's right, 2001! Sigh... What a shame that everything worked out the way it did. It could have been great!

At the same time, if it *had* worked out, we wouldn't have the best "vintage" DAW ever! Think I'll throw some little tidbits here every now and again as I figure out more of the details. The story so far (please let me know if you know more or I have made mistakes):

First, I'm fairly impressed by this thing. It's all surface mount, except for the headers and external connections, and the trace density is pretty high. That is, there's not much unused space. I don't know how many electrical layers they used, but it looks like some of the vias don't go all the way through, meaning it looks like more than a two layer board.

Ensoniq designed the ESP2 chip between 1990 and 1994. There are four ESP2 chips on the PARIS MAIN PCI board, and two on the PARIS MAIN DAUGHTER board, for a total of six per EDS-1000. There is a decent amount of information available on the net about the ESP2 chip. It's optimized for audio signals, 24 bit single precision, and it has three parallel function units, an address generator, an arithmetic logic unit and a multiplier/accumulator/shifter. The instructions are 96 bits wide (!) to support parallelism between those three units. According to the document that I have, dated 1995, the chip has enough memory for 300 instructions, but it says that future expansion sets that size to 1024 instructions. (I don't know if they ever expanded it.) I find it interesting that the ESP2 can execute 226 instructions per sample period at 44.1kHz. (And since the three function units run in parallel, they say that's like 678 conventional instructions.) There are 1024 registers in this thing too, so you can twiddle a lot of bits!

Something I find interesting about the EDS card is that there is a big 208 pin chip on it with the label ES1370 AudioPCI. I haven't had much luck finding information about this part. There are pictures online of a 100 pin version of the ES1370, and there is a preliminary specification document available, but it doesn't really give me much to go on. At this point, I'm not sure if they used this ES1370 just for interfacing with the PCI bus, or whether it's involved in more PARIS functions...I've been slowly reverse engineering the EDS-1000 card and I finally pulled the cover off of my DP/Pro to start figuring it out as well. (I have one of the ones with the digital I/O.)

So, I'm starting to think that I should create a new PCB for the ESP2 so that I can play around with effects algorithms. If I can get things to work directly on the ESP2, then I think I'll have a better chance of figuring out the entire EDS card.

If I were to make a board, what form factor should I use though? Should I make a standalone unit like the Freescale Symphony Soundbite that has audio inputs and outputs on one PCB or should I create some kind of daughter card that would plug into something like a Beaglebone Black, Raspberry Pi, or something similar?

Anybody else twisted enough to want to work with me on something like this?Hmmm... if there's a possibility to do modular AD/DA so we can build our I/O up to the max a bit at a time, I'd find that

interesting. I'm thinking of a small form-factor I/O like the RME daughter cards.I haven't actually worked with any RME stuff as of yet.

If I get a chance this weekend, I'll look at the various bus specifications to see if I can leverage one of the designs from the Papilio, the Mojo, or the BBB. The Ensoniq stuff uses the I2S protocol, but most of the recent stuff I've used is SPI-based. Worst case, I'll find some kind of converter or use a CPLD or small FPGA to make one...RME stuff is the bomb; it's some of the best gear you can get before jumping up to the Metric Halo/Apogee price points. I've had three of their products and they've all delivered exceptional performance (and their drivers kick ass).Very cool. I first heard of RME because they were Linux friendly. I was about to try the MADI stuff, but then the aliens took my daughter's brain and pretty much all non-parent and non-dayjob activities ceased. We're still trying to pay the ransom to get the brain back. She's only 22, so there's hope that might happen in the next year or two...Hey Doug! I have no idea what I am talking about, but I will point something out anyways. I was thinking about buying a TV box, and I stumbled across the newer Quad Android TV boxes on Amazon. They are basically the guts of a tablet/net PC with more optional connectors and no screen. There are quad processor versions for under $110.00 and they are coming down in price. I'm probably off on the wrong track, but I'm thinking maybe you could hack the right one of these and get more power. I think they have quad 1.8 and 2.0 Ghz versions with more memory that might give you the power to do even more???

Some of these have SP/DIF, USB, more memory, on board graphic processors etc. I also saw models with wireless keyboards that had a track pad and joy stick. You might want to do a search for quad core android TV box. I'm not sure what guts or DSPs they have inside of them... I know you are talking about DSP, so this may be the wrong track, but I thought I'd mention it.

James
I would like to move up to V3.0 from V2.2.

How can I get the update or software and anything else needed to make this happen?

Thanks
Gregory A. McNeer
NashvilleHey Gregory! Your best bet is to try to buy a Paris 3.0 license from a Paris user off of the Paris Classifieds here on the Paris forum, you might even get a free* EDS card with it:) In other words, try to find an EDS card that's for sale with a Paris 3.0 license. Or you could down load it from ID for free and then pay them $300.00 for a license for a software they haven't supported in 12 years!

If you down load it, it will run for 7 days before it time bombs out. I would try it, but keep using 2.2 and try to find a better deal on the Paris Classifieds.

It has been rumored that there are some tech savvy risk takers that have stripped out the PACE Anti Piracy software in 3.0, but I don't know much more than that. Only proceed with that option at your own risk.

Here is the ID Link to Paris 3.0:
http://intdevices.com/support/support-downloads.html

Also, check out Mike Audit's site!
http://www.ensoniq.ca/catalog/

James
Thanks! That certainly gives me a start. I'd
already contacted ID but no reply.
I was kinda enamored with the EQ display.
Overall, is v3.0 signifantly better than v2.2?
Is it worth the $300?Yes 3.0 is better. I personally wouldn't Pay ID $300.00 for Paris 3.0 at this point, but I would try to get a license from another user. Someday the Paris software may no longer be necessary. Mike Audit is working on an ASIO driver that could some day give us real options.

The only way i would be willing to pay ID is if they came out with a new greatly improved version of Paris with all the bug fixes or they opened up the source code for development. Other than that, there is no way I would ever Pay ID $300.00 for Paris 3.0. I'd consider that other option first! That company has screwed every Paris user for going on 13 years now!I'll post more here as I progress down this path, but I was cleaning out my garage last night, and I found a brand new 8in board in its box, with both the board and the front panel still sealed in their bags, never opened.

Part of me thinks I should keep it that way as a collector's item, but then I was wondering if anybody would care...Hey Doug -

Did you get that EDS-1000 board I sent down to you?

Ted

Eeek, I'm getting old, I thought I had let you know already...

I did indeed, thank you sir!
Hi Kerry,

your link isn't right any mor