Subject: Up and running with the PARIS Multicore Drivers
Posted by kerryg on Sun, 29 Mar 2009 17:30:04 GMT
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OK, I'm launched.

I'd been struggling with intractable 1/1 errors that started long before Christmas, which weren't a priority to track down since there really wasn't anything the PARIS rig was needed for until the studio opened. Getting PARIS sorted out has jumped up in priority as I get moved in and wired up.

With Mike Audet's help I quickly discovered PARIS wasn't being "difficult". It really *couldn't* find the hardware; when I started this process a year ago, the best bet was to assemble a PARIS DAW from old mobos and other components with good solid PARIS-friendly track records, but the PCI slots on my PARIS-friendly-but-ancient ASUS mobo had died sometime between purchase and studio move.

With Mike's drivers it's a different game now- his fixes to the PSCL locked down a ton of little finicky problems under the hood, so the job of choosing a mobo and components is largely the same as with any other DAW now - go with good quality components. There was nothing really stopping me taking the multicore plunge.

So I just got on Craigslist and found a secondhand multicore computer with premium components for $380 CAD (about $300 USD) - Athlon X2/ASUS M2N-E/500W Coolermaster PSU/4 gigs Corsair RAM/500gig Seagate Barracuda). I chucked the PARIS cards into it, installed the software in order and powered up the MECs.

Couple of hours just playing around - not one crash. No hesitations, no problems. So far, so good - everything *just works* like it used to, except far more "peppy". Crossing my fingers and moving on to more testing later.

Installed Reaper and the libsndfile wrapper - Xenakios outdid himself. PAFs don't get "imported" into Reaper, they just *show up* in the file selector and when you load them they just *show up* on the edit screen - like a WAV or any other audio file. Our PAFs are as good as WAVS now, as far as Reaper is concerned.

So now I can track beds in PARIS in full 24-bit PAF, quit the app, open REAPER and start editing drums - just like that.

More as I explore, but so far, so good!

Subject: Re: Up and running with the PARIS Multicore Drivers
Posted by Tom Bruhl on Sun, 29 Mar 2009 18:52:01 GMT
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Hey Kerry,

Cool stuff huh!!! I love having the punch time at 'fastest'.
That in itself is a big help to me.

If you are mixing in paris with plugs be sure to get Faderworks
happening. It is another great speed enhancer for us.

Mike is good huh? His drivers make this all possible not
to mention his excellent support. Buy 'em!

Have fun,
Tom

"Administrator" <kg@kerrygalloway.com> wrote in message
news:49cfb4be$1@linux...
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>
> ------------------------
> :: [posted via the PARISForums] ::
> :: kerrygalloway.com/ParisForums/ ::
> ------------------------

Subject: Re: Up and running with the PARIS Multicore Drivers
Posted by Deej [5] on Sun, 29 Mar 2009 19:32:01 GMT
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Administrator <kg@kerrygalloway.com> wrote:
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Are you playing back the tracks in Reaper using the Paris hardware?

Subject: Re: Up and running with the PARIS Multicore Drivers
Posted by kerryg on Sun, 29 Mar 2009 23:47:04 GMT
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Hey Deej -no, not yet. I haven't looked at PARIS ASIO at the moment - just had the rig up a few hours. I'm using the built-in audio on the mobo to test Reaper (I don't even have a proper soundcard on the PC yet).

I'll report back as soon as I've done more testing, but I can predict this in advance - once I get the ASIO drivers up (as I had on the last PARIS PC) the ASIO drivers will work more or less up to their original theoretical potential - built-in MEC outputs only, and 16 bit only. The only real question will be "within these known limits, will it be stable with Mike's PSCL improvements?" I'm

feeling pretty positive about that.

These issues are on Mike's list (as is ASIO2, meaning sample-accurate timing - which implies to me that ADAT sync under ASIO's not out of the question). Think "summertime" on that stuff, shouldn't be far off the mark.

I play bass once a year for a jazz trio performing at a wine-tasting gig - "Flavours Of The Festival" at the Waterfront Hotel. That was today. Any technical info received today should be filtered through the knowledge that someone also stuffed a bottle of nice port (Broadbent Auction Reserve) in my hands as I left.

Subject: Re: Up and running with the PARIS Multicore Drivers
Posted by kerryg on Mon, 30 Mar 2009 00:52:54 GMT
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Tom Bruhl wrote on Sun, 29 March 2009 14:52Hey Kerry,

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Mike is good huh? His drivers make this all possible not
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Have fun,
Tom

It would be really nice if Mike were just an amateur coder giving us some of his free time to push the PARIS ball forward - that in itself would be a nice thing to see.

But fortunately for us who hope to use this in a pro environment for "mission critical" applications, Mike's more than that. He's not only seriously gifted - he uses the app himself, so as far as he's concerned it has to *just work*.

And that sucker is now locked down tight. I can't guarantee it won't crash - who could? - but I can say that Reaper is rock-solid, and I crashed Reaper once last night by extensive "dicking around" and torture testing. Not PARIS. Not once. Solid as a rock - more solid than the old days.

I'll definitely be checking out Faderworks, thanks for the reminder!

- K