
Subject: Scherzo beta 1.21 + new PSCL
Posted by [Mike Audet](#) on Thu, 04 Dec 2008 01:51:20 GMT
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Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Again,

I found and fixed a memory leak in version 1.2. There was something called a transmit log queue that is never checked. With circular queues, it just wrapped around over and over. With linked lists, the list grew indefinitely.

The rest is quotes from my last post.

I redesigned the scherzo driver (again) because I had broken some rules about when you can allocate and free memory in the last build.

I've had no troubles at all with this version (or the last one).

I also tightened up the init timings in the PSCL. I've had no issues at all. It just starts up faster.

Here are the installation instructions:

the PARIS_StudioControlLibrary.dll goes in the Windows\System32 folder.
be sure to back up the copy your using currently just in case.

The Scherzo.sys goes in Windows\System32\drivers\. Be sure to back up your current scherzo, too.

Restart Windows and give PARIS a go.

This update allows PARIS to work on a multicore/hyperthreaded CPU with no special workarounds. I think this is basically finished.

All the best!

Mike

---=_linux49372987
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8aQBAAAA

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Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [uptown jimmy](#) on Thu, 04 Dec 2008 02:03:52 GMT
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So, remove the old files before adding the new ones?

Jimmy

"Mike Audet" <mike@...> wrote:

>
>
>
>Hi Again,
>
>I found and fixed a memory leak in version 1.2. There was something called
>a transmit log queue that is never checked. With circular queues, it just
>>wrapped around over and over. With linked lists, the list grew indefinitely.
>
>The rest is quotes from my last post.
>
>I redesigned the scherzo driver (again) because I had broken some rules
about
>when you can allocate and free memory in the last build.
>
>I've had no troubles at all with this version (or the last one).
>
>I also tightened up the init timings in the PSCL. I've had no issues at
>all. It just starts up faster.
>
>Here are the installation instructions:
>
>the PARIS_StudioControlLibrary.dll goes in the Windows\System32 folder.

>be sure to back up the copy your using currently just in case.
>
>The Scherzo.sys goes in Windows\System32\drivers\. Be sure to back up your
>current scherzo, too.
>
>Restart Windows and give PARIS a go.
>
>This update allows PARIS to work on a multicore/hyperthreaded
>CPU with no special workarounds. I think this is basically finished.
>

>All the best!

>

>Mike

>

>

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Mike Audet](#) on Thu, 04 Dec 2008 02:48:22 GMT
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I'd rename the files "scherzo.sys.original" and do the same thing with the PSCL. That way, you can restore the old files by naming them back if you find mine aren't working for you.

Let me know how it goes.

Mike

"uptown jimmy" <johnson314@bellsouth.net> wrote:

>

>So, remove the old files before adding the new ones?

>

>Jimmy

>

>"Mike Audet" <mike@...> wrote:

>>

>>

>>

>>Hi Again,

>>

>>I found and fixed a memory leak in version 1.2. There was something called
>>a transmit log queue that is never checked. With circular queues, it just
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>>

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>>I also tightened up the init timings in the PSCL. I've had no issues at
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>>be sure to back up the copy your using currently just in case.
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>>The Scherzo.sys goes in Windows\System32\drivers\. Be sure to back up
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>>Restart Windows and give PARIS a go.
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>>This update allows PARIS to work on a multicore/hyperthreaded
>>CPU with no special workarounds. I think this is basically finished.
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>>All the best!
>>
>>Mike
>>
>>
>

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Rich\[5\]](#) on Thu, 04 Dec 2008 17:10:35 GMT
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Thanks again Mike for all your work with Paris!!!

"Mike Audet" <mike@...> wrote:

>
>I'd rename the files "scherzo.sys.original" and do the same thing with the
>PSCL. That way, you can restore the old files by naming them back if you
>find mine aren't working for you.

>
>Let me know how it goes.

>
>Mike

>
>
>"uptown jimmy" <johnson314@bellsouth.net> wrote:

>>
>>So, remove the old files before adding the new ones?

>>
>>Jimmy

>>
>>"Mike Audet" <mike@...> wrote:

>>>
>>>

>>>
>>>Hi Again,
>>>
>>>I found and fixed a memory leak in version 1.2. There was something called
>>>a transmit log queue that is never checked. With circular queues, it
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Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Ed](#) on Thu, 04 Dec 2008 20:50:20 GMT
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Great Mike! Thanks for all your hard work!

I hate to ask... and hopefully I won't get virtually beat up by asking a purty simple question (you know how the virtual forum cops are)... but what are the chances of creating a new forum on here just for your updates? Of course, you could make announcements here. But the main update would be posted and discussed on the new one? Hold on... I am just suggesting. Some of us don't monitor this daily, or weekly. Some of us just lurk thru occasionally. I think I am like others that I would like to keep abreast of you efforts and updates.

Just another measley suggestion by me...

"Mike Audet" <mike@...> wrote:

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>

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [uptown jimmy](#) on Thu, 04 Dec 2008 21:13:28 GMT
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"Ed" <askme@email.com> wrote:

>
>Great Mike! Thanks for all your hard work!
>
>I hate to ask... and hopefully I won't get virtually beat up by asking a
>purty simple question (you know how the virtual forum cops are)... but
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Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [uptown jimmy](#) on Thu, 04 Dec 2008 21:13:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

What Ed said.

Jimmy

"Ed" <askme@email.com> wrote:

>
>Great Mike! Thanks for all your hard work!
>
>I hate to ask... and hopefully I won't get virtually beat up by asking a
>purty simple question (you know how the virtual forum cops are)... but
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Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Kerry Galloway](#) on Fri, 05 Dec 2008 01:02:00 GMT
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Hey! I have an alternate suggestion: use the existing "TheProject" forum (news.parisnewsgroup.com/IDEA.emuensoniqparis-theproject) - for updates, and follow up with a notification to "Main".

Reasoning being -

1) that's what it was set up for - supporting development initiatives.

2) we already have "theproject" group reliably synced to the as-yet-not-activated web forums at <http://kerrygalloway.com/ParisForums/> - all posts on the "theproject" group (including attachments) are already automatically mirrored to the web forums and vice versa (we hope to be tackling the technical issues blocking the syncing of "Main" and "Forsale" soon and opening them up officially).

3) posts that wind up on the web forum allow you the use of extra notification features - like RSS to keep track of updates or - even more directly - emails sent to you every time an update hits.

4) the upload/download functionality of the Web forum works better than my feculently annoying USENET browser's (Unison for Mac OSX) does :D

Comments?

- K

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Kerry Galloway](#) on Fri, 05 Dec 2008 04:55:54 GMT
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On 2008-12-04 21:31:29 -0800, "uptown jimmy" <johnson314@bellsouth.net> said:

> Did the Ensoniq DP boxes really sound that good? Good lord, where are those
> guys today?

Same algorithms, but PARIS has even better converters :)

Here's one of them - John Dattoro -

<http://www.stanford.edu/~dattorro/>

- K

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Kerry Galloway](#) on Fri, 05 Dec 2008 04:58:55 GMT
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On 2008-12-04 20:55:54 -0800, KerryGalloway <kerrygalloway@telus.net> said:

> On 2008-12-04 21:31:29 -0800, "uptown jimmy" <johnson314@bellsouth.net> said:
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>
> Same algorithms, but PARIS has even better converters :)
>
> Here's one of them - John Dattoro -
>
> <http://www.stanford.edu/~dattorro/>
>
> - K

My bad; that's Jon Dattoro, not John, and here's some more DP4 info:

general:

<http://www.stanford.edu/~dattorro/DP4.htm>

manual (pdf):

http://www.stanford.edu/~dattorro/DP4_manual.pdf

Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [uptown jimmy](#) on Fri, 05 Dec 2008 05:31:29 GMT
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Beta test complete on my end, I think. My main problems were freezing during project work and failure to recognize MEC upon startup. Long day of work with absolutely no hiccups, first in a long, long while.

Mike, thanks from the very bottom of my heart. This is a very big life-changer for me right now. I was working on such a stable rig for so long, but then for a while now things have just been so sketchy, and I didn't know why. Those damn dual processors....I had no idea....

I'll be buying Mike-ish plug-ins first of the week. BTW, that DP/Pro Hall reverb sounds amazing! That's far better than anything I have on my Kurzweil Rumour. I'm very excited to be supporting such a kick-ass dude by purchasing software that makes my life easier anyway!

Did the Ensoniq DP boxes really sound that good? Good lord, where are those guys today?

Happy Jimmy

"Mike Audet" <mike@...> wrote:

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Subject: Re: Scherzo beta 1.21 + new PSCL
Posted by [Mike Audet](#) on Fri, 05 Dec 2008 12:11:43 GMT
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Thanks so much for the kind words, Jimmy!

Thanks also for beta testing. I'm glad its made the difference. I haven't had any problems with it either. I think we're in good shape. :)

I've compared the dp/pro hall to my MPX1, and the DP/Pro hall is smoother and bigger sounding. Those guys were incredible.

Cheers!

Mike

"uptown jimmy" <johnson314@bellsouth.net> wrote:

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