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Subject: Scherzo beta 1.21 + new PSCL  
Posted by [Mike Audet](#) on Thu, 04 Dec 2008 01:51:20 GMT  
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This is a multi-part message in MIME format.

---=\_linux49372987  
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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Content-Disposition: attachment; filename="parisMulticoreBeta1.21.zip"

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KDZBASUNQQTfHv4BBlwJcIQWoKAEMAgvpl+H9W/IL+cze123nvz3rz3ezN3  
zWRmlcfAf8i4eRXByrrsErExCjmb2iXbTkSGQD/qQGYE0wz0MhgpiGYkyuwV  
+fmsOCBTPc8KtFmT26sQWtRndtvRjPbVrUrMEIfOuSZWwBKOF94nNlnrbq  
OcGimozIQNv5dwglQR5k9UyCyXWpUglyQwvx+qEO4aOgcUaorGO/MtrpiD7V  
C0Y1+CCQTI8sQ/scvexyRkkxPfZoo133aAnlfo6n8hAhCzwNAtQz490HY7c  
NRNcipleNKmgvCpY0Ru3ANpmBwtKfWJ5BoUq50VKK0JIE4pqj8S7t7oj468o  
h8zMQNOL2211KkkDWruFTlrqLQJhWVlvU/l/2mJke9yi4epM5oufnQpvdDj  
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mnwboqPzabfrccLliNlflbHgL5KVIgCKITmgLYgKkNFoDmEiuW6z+8OlaMg  
Ah8mny8LP4SPQPeBzFy4ikC+EkGCAa9vJz2M8oFeB73MlzKiTAVKBLghsFQO  
9Vo0GuQ77E6Rq0oFsj9h0BiUkqL0XGdy9ViHEjXRolryXaAxEywKSgRquVBz  
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AP6nSqzyJDq5aATlpwFvjpQU0QIDXEQP54BXMEX0QnOhHbK3irTrgis6dqMI  
Bl16s6F1PiqUp4cK/0sllmls9QO5jHbdwfb+dvge6ux35G/W8lzSTmZ7jPOI  
15NRIWwv+GGJoeDPg3oVaKnsfjm/jZ1XYtftXjSC/4Rfmz8B6HcRtA3KaHT3  
Z4rk58h+3DsiYFYWh8q2R1sgUiZj0pU7cc7dTnQfy0vwuUClmqk+pzaojeoh  
9Yh6TD2uXtHuan3oAMroZSTLqCnTJmeoudpK92lf64f1C/qt/S7en82hB0w  
vjSuGbeNWd4d3vPeAXayXW5vthvE5DEIITGTfuy2PUc8KTgPV+P5eCFejJfh  
FXg1Xoc34s34bfwAeYgMJEPIMPIYeYlkkhQyjkwkrpJ3aY+ro2DHvyh92Mj  
2VK2kn3AHjSSjLFGghk2b5p3TGqFrEOWzyuAmQm2EhWfkq68oWxRvlbOKslu  
y615ZnmO4ib8MEkl68g+cpv0U9PVenWX+pmaojHNpy3Rj+sJrl79wBqM74yB  
ZrJZbS43N5onTZddYp+0xaRVC7r97j3ui55LnlH4BbwdN2MniSdFoLGJnCGp  
oPMvdZm6X6VampavVWsr6Fa6h56hV6ITf1Gv0N9iu9lx1sqG82q+ge/kx3is  
QYw8M2JuM8NWvXXaGmlzO8vOtrfYjXazfcqGwSfx8SI+5V33fnerW/GcwK34  
Kn6EJJPxZCaplelqQP1U+0L7SftNu6E9SU9KjErYXLB2gF1hW/hhfovHQ8Sc  
ZrN5wvrVyvYe9jZ7T3tBcSZC4h/BwUqCYirLIXMQryr3JveP7hb3DbcT98VD  
cTx24SQ8HivYxE/hVJyGs3EuLsQluBLX4lfxErwKr8Un8GncSjsgQ1roZXqd  
xuqD9QTdq2fohXpQj+i1+mJ9tb5B36q/r3+kN+k/67Esgj1jCvOzYlbL1rMH  
+EA+ll/giXwMd3ONm3wqn84r+FqIUwu/zh3Go4bLGGWMM0aapWa5WWsuNOdb  
a6wN1mZri7XXOmgdsc5ZV61b1hDveO8U72hbs207ANGcZUfsWnuhVr6ycr/9  
jd2W9EvgcUMZ4072+Dzf4xZ8DdCMgyy0yTRSSRaRZWQVaSDD1BnqAnWp+ol2  
UPtK+1a7quXQ1+jrdCVdQ9fTN2k9fQdQ3k5/oUN1BxvEhrOxbCJTWQmrYYvY  
albP3mMX2E12hzl4HE/gKufcz7P48zx6HP5f7n/5C1BLAQIUCxQAAAAIAIg4  
fTIUwh7WfnEBAADWAwAeAAAAAAAAAAAAAAAAAAAAAAAAABQQVJJU19TdHVkaW9D  
b250cm9sTGlicmFyeS5kbGxQSwECFAUAAACAAMm4M5m3exBg4zAAAAegAA  
CwAAAAAAAAAAAAACAAAAC6cQEAc2NoZXJ6by5zeXNQSwUGAAAAAAAAIAAgCFAAAA

8aQBAAAA

---=\_linux49372987--

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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  
[View Forum Message](#) <> [Reply to Message](#)

---

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

Jimmy

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

>

>

>

>Hi Again,

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>a transmit log queue that is never checked. With circular queues, it just  
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>I've had no troubles at all with this version (or the last one).

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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 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:

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>>Mike  
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---

Subject: Re: Scherzo beta 1.21 + new PSCL  
Posted by [Rich\[5\]](#) on Thu, 04 Dec 2008 17:10:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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

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>>Jimmy

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

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---

Subject: Re: Scherzo beta 1.21 + new PSCL  
Posted by [Ed](#) on Thu, 04 Dec 2008 20:50:20 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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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>Hi Again,  
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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  
[View Forum Message](#) <> [Reply to Message](#)

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"Ed" <[askme@email.com](mailto: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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>course, you could make announcements here. But the main update would be  
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>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.  
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>Just another measley suggestion by me...

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>"Mike Audet" <[mike@...](mailto:mike@...)> wrote:

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---

Subject: Re: Scherzo beta 1.21 + new PSCL  
Posted by [uptown jimmy](#) on Thu, 04 Dec 2008 21:13:52 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

What Ed said.

Jimmy

"Ed" <[askme@email.com](mailto:askme@email.com)> wrote:

>  
>Great Mike! Thanks for all your hard work!  
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>I hate to ask... and hopefully I won't get virtually beat up by asking a  
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---

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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](http://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

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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](mailto: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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>  
> <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](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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>project work and failure to recognize MEC upon startup. Long day of work  
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