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Subject: latest PSCL

Posted by [Mike Audet](#) on Sat, 09 Aug 2008 12:40:34 GMT

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I thought I'd post this so that anyone trying it would have the latest/greatest.

I'm still having the PARIS app lock up occasionally when it starts. I've been searching and searching for the problem, and I've got a new idea to try. Once PARIS is running, I haven't had any problems at all.

Anyway, I'll be away for a few days, so this is it for the weekend.

All the best!

Mike

PS \_ the ADAT driver is modified here, too. Should be better.

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---=\_linux489d9042--

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Subject: Re: latest PSCL  
Posted by [kerry](#) on Sat, 09 Aug 2008 17:42:48 GMT  
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You monster. Have a great vacation (if that's what you're taking). Maybe I'll have this on a PC to check out by the time you return.

- K

On 8/9/08 5:40 AM, in article 489d9042\$1@linux, "Mike Audet" <mike@...> wrote:

>  
> I thought I'd post this so that anyone trying it would have the  
> latest/greatest.  
>  
> I'm still having the PARIS app lock up occasionally when it starts. I've  
> been searching and searching for the problem, and I've got a new idea to  
> try. Once PARIS is running, I haven't had any problems at all.  
>  
> Anyway, I'll be away for a few days, so this is it for the weekend.  
>  
> All the best!  
>  
> Mike  
>  
> PS \_ the ADAT driver is modified here, too. Should be better.

---

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Subject: Re: latest PSCL  
Posted by [Ed](#) on Mon, 11 Aug 2008 11:32:31 GMT  
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Ummm.. can someone enlighten me as to what this is? I haven't been following the newsgroup that closely but I have seen some threads related to this ADAT... but what does it do? I don't have an ADAT card in my Paris anymore, but

I never knew ADAT had any issues. Someone care to explain... thanks... and sorry if this has been covered...

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

>  
>  
>  
>I thought I'd post this so that anyone trying it would have the latest/greatest.  
>  
>I'm still having the PARIS app lock up occasionally when it starts. I've  
>been searching and searching for the problem, and I've got a new idea to  
>try. Once PARIS is running, I haven't had any problems at all.  
>  
>Anyway, I'll be away for a few days, so this is it for the weekend.  
>  
>All the best!  
>  
>Mike  
>  
>PS \_ the ADAT driver is modified here, too. Should be better.

---

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Subject: Re: latest PSCL

Posted by [Ed](#) on Mon, 11 Aug 2008 18:42:43 GMT

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Since some of us have not been following all of Mike's updates, can someone summarize what's been done and what is going on? I see this thread about PSCL and ADAT and I tried weeding back days but I am making no sense of the posts and comments.

What does this do and how does it work? I asked this question in the thread and got zero replies. Geez, after weeding through days and many non-Paris threads, you would think some of you are eager to write something Paris related...

Reminds me of days asking Edmund a question and getting deaf ears until one of his favorites asks the same question... then he replies.

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Subject: Re: latest PSCL

Posted by [Tom Bruhl](#) on Mon, 11 Aug 2008 21:30:22 GMT

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Hey Ed,

I haven't tried it yet but Mike's PSCL is an update to Paris 3.0 with XP. Most of us have had great difficulty getting more than one adat module to show up in a single MEC. This update is

supposed to alleviate that problem. It doesn't sound like it will help you if you don't use adat modules. Another thread mentions the possibility of changing a chip in the ADAT module to increase it to 24 bit. These two updates will be a big plus for those of us still using Paris.

Tom

"Ed" <askme@email.com> wrote in message news:48a08823\$1@linux...  
>  
> Since some of us have not been following all of Mike's updates, can  
> someone  
> summarize what's been done and what is going on? I see this thread about  
> PSCL and ADAT and I tried weeding back days but I am making no sense of  
> the  
> posts and comments.  
>  
> What does this do and how does it work? I asked this question in the  
> thread  
> and got zero replies. Geez, after weeding through days and many non-Paris  
> threads, you would think some of you are eager to write something Paris  
> related...  
> Reminds me of days asking Edmund a question and getting deaf ears until  
> one of his favorites asks the same question... then he replies.

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Subject: Re: latest PSCL  
Posted by [Mike Audet](#) on Mon, 11 Aug 2008 21:42:15 GMT  
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This is a multi-part message in MIME format.

---=\_linux48a0b236  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hey, Ed!

I never meant to make you feel like you're not a favourite!

I released a version of the ADAT driver that allows the adat card to work with ADAT machines under windows XP. Basically, all you have to do is got to:

C:\WINDOWS\system32\Ensoniq\PlugIns\MEC\Driver

and back up your adat.dll file and replace it with the new one. I've attached to file to this post.

I've since been working on correcting the threadsafe issues in the Paris Studio Control Library, which is part of the driver. The original XP release of this software doesn't work properly when used on a multiprocessor or multithreaded PC. I've got the C16 issues worked out, and I think I still have to fix something with the "card uart". It is used to set the clock sources on startup, as well as audio transfers between the card and an IF2, and it is currently not threadsafe.

About 75% of the time, paris now works perfectly for me on a multi cpu machine. The other 25% is freezes when it starts up. I hope to fix that any day now.

Anyway, that's the latest.

Cheers!

Mike

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

>

>Since some of us have not been following all of Mike's updates, can someone  
>summarize what's been done and what is going on? I see this thread about  
>PSCL and ADAT and I tried weeding back days but I am making no sense of  
the  
>posts and comments.

>

>What does this do and how does it work? I asked this question in the thread  
>and got zero replies. Geez, after weeding through days and many non-Paris  
>threads, you would think some of you are eager to write something Paris  
related...

> Reminds me of days asking Edmund a question and getting deaf ears until  
>one of his favorites asks the same question... then he replies.

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---=\_linux48a0b236--

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Subject: Re: latest PSCL  
Posted by [Ed](#) on Thu, 14 Aug 2008 12:59:32 GMT  
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Thanks Tom.. appreciate you taking the time to respond... Although I don't have an ADAT card, it might be something I have considered since I like the idea of multiple channels in a lightpipe...

That said... I use to have an ADAT card in my system because I had an older ADAT sitting around. I never used it and finally sold the card... but I was able to recognize the card and was able to place connections on the card's input and output... again, I never hooked up the ADAT to test it...

"Tom Bruhl" <arpeggio@comcast.net> wrote:

>Hey Ed,

>

>I haven't tried it yet but Mike's PSCL is an update to Paris 3.0  
>with XP. Most of us have had great difficulty getting more than  
>one adat module to show up in a single MEC. This update is  
>supposed to alleviate that problem. It doesn't sound like it will  
>help you if you don't use adat modules. Another thread mentions  
>the possibility of changing a chip in the ADAT module to increase it  
>to 24 bit. These two updates will be a big plus for those of us still  
>using Paris.

>

>Tom

>

>

>"Ed" <askme@email.com> wrote in message news:48a08823\$1@linux...

>>

>> Since some of us have not been following all of Mike's updates, can  
>> someone  
>> summarize what's been done and what is going on? I see this thread about  
>> PSCL and ADAT and I tried weeding back days but I am making no sense of

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>> posts and comments.

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>> What does this do and how does it work? I asked this question in the

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>> and got zero replies. Geez, after weeding through days and many non-Paris  
>> threads, you would think some of you are eager to write something Paris

>> related...

>> Reminds me of days asking Edmund a question and getting deaf ears until  
>> one of his favorites asks the same question... then he replies.

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>

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Subject: Re: latest PSCL

Posted by [Ed](#) on Thu, 14 Aug 2008 13:13:56 GMT

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Thanks for responding Mike. I wasn't aware that the older XP drivers didn't work for the ADAT... and I had an ADAT card, but never tested it... although I could see it in Paris and make connections... so it sounds like this is more directed at the multi-processor environment.

Thanks again for explaining... I kinda felt like something was going on.. and I wasn't sure exactly what it was. And it sounds like you are working on multiple things with Paris. That's awesome! I was almost sure Paris was gonna die since the SkunkWorks stopped...

May I ask... are the source code for Paris in 'C'? I think I remember seeing someone say that a while back. I am an older C programmer (learn it on the side). If it is C, when you compile, do you a special library? Sorry if I getting too technical and don't want to reveal secrets... and I never programmed audio stuff before... but it interest's me to know how Paris is compiled...

Thanks.... ~ Ed

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

>  
>  
>  
>Hey, Ed!  
>  
>I never meant to make you feel like you're not a favourite!  
>  
>I released a version of the ADAT driver that allows the adat card to work  
>with ADAT machines under windows XP. Basically, all you have to do is got  
>to:  
>  
>C:\WINDOWS\system32\Ensoniq\PlugIns\MEC\Driver  
>  
>and back up your adat.dll file and replace it with the new one. I've attached  
>to file to this post.  
>  
>I've since been working on correcting the threadsafe issues in the Paris  
>Studio Control Library, which is part of the driver. The original XP release  
>of this software doesn't work properly when used on a multiprocessor or  
>multithreaded  
>PC. I've got the C16 issues worked out, and I think I still have to fix  
>something with the "card uart". It is used to set the clock sources on  
>startup,  
>as well as audio transfers between the card and an IF2, and it is currently  
>not threadsafe.  
>  
>About 75% of the time, paris now works perfectly for me on a multi cpu machine.  
> The other 25% is freezes when it starts up. I hope to fix that any day

>now.  
>  
>Anyway, that's the latest.  
>  
>Cheers!  
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>Mike  
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>

---

Subject: Re: latest PSCL  
Posted by [Mike Audet](#) on Sun, 17 Aug 2008 20:24:39 GMT  
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Hi Ed,

The paris driver code was written in Visual C++ 4.2. There is no special library.

Cheers!

Mike

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

>  
>Thanks for responding Mike. I wasn't aware that the older XP drivers didn't  
>work for the ADAT... and I had an ADAT card, but never tested it... although  
>I could see it in Paris and make connections... so it sounds like this  
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>Thanks.... ~ Ed  
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>>> Reminds me of days asking Edmund a question and getting deaf ears until  
>>>one of his favorites asks the same question... then he replies.  
>>  
>

---

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Subject: Re: latest PSCL  
Posted by [Ed](#) on Mon, 18 Aug 2008 18:12:39 GMT  
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Shoot! That leaves me out... I never educated myself to cross the plus-plus territory and stuck with the plain-jane 'C'.

But that is interesting that there is no special library... But how do you know how to call things or turn them on in the EDS? Sorry if I am getting too technical... I am really puzzled... I am aware of C++, but to call things up like `_win_call(parameter,of,any,kind)`; I am not sure I understand how you know what to program since the EDS is proprietary hardware. Or is it using strictly simple audio library calls built in the C++ 4.2?

"Mike Audet" <mike@mike...> wrote:  
>  
>Hi Ed,

>  
>The paris driver code was written in Visual C++ 4.2. There is no special  
>library.  
>  
>Cheers!  
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>Mike  
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>>Thanks for responding Mike. I wasn't aware that the older XP drivers didn't  
>>work for the ADAT... and I had an ADAT card, but never tested it... although  
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>>Thanks again for explaining... I kinda felt like something was going on..  
>>and I wasn't sure exactly what it was. And it sounds like you are working  
>>on multiple things with Paris. That's awesome! I was almost sure Paris  
>>was gonna die since the SkunkWorks stopped...  
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>>May I ask... are the source code for Paris in 'C'? I think I remember  
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>>Thanks.... ~ Ed  
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>>"Mike Audet" <mike@...> wrote:  
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>>>Hey, Ed!  
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>>>I never meant to make you feel like you're not a favourite!  
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>>>I released a version of the ADAT driver that allows the adat card to work  
>>>with ADAT machines under windows XP. Basically, all you have to do is  
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>>>C:\WINDOWS\system32\Ensoniq\PlugIns\MEC\Driver  
>>>  
>>>and back up your adat.dll file and replace it with the new one. I've  
attached  
>>>to file to this post.  
>>>  
>>>I've since been working on correcting the threadsafe issues in the Paris  
>>>Studio Control Library, which is part of the driver. The original XP  
release  
>>>of this software doesn't work properly when used on a multiprocessor or  
>>multithreaded  
>>>PC. I've got the C16 issues worked out, and I think I still have to fix  
>>>something with the "card uart". It is used to set the clock sources on  
>>startup,  
>>>as well as audio transfers between the card and an IF2, and it is currently  
>>>not threadsafe.  
>>>  
>>>About 75% of the time, paris now works perfectly for me on a multi cpu  
>machine.  
>>> The other 25% is freezes when it starts up. I hope to fix that any day  
>>>now.  
>>>  
>>>Anyway, that's the latest.  
>>>  
>>>Cheers!  
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>>>Mike  
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>>>  
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>>>"Ed" <askme@email.com> wrote:  
>>>>  
>>>>Since some of us have not been following all of Mike's updates, can someone  
>>>>summarize what's been done and what is going on? I see this thread about  
>>>>PSCL and ADAT and I tried weeding back days but I am making no sense  
of  
>>>the  
>>>>posts and comments.  
>>>>  
>>>>What does this do and how does it work? I asked this question in the  
>thread  
>>>>and got zero replies. Geez, after weeding through days and many non-Paris  
>>>>threads, you would think some of you are eager to write something Paris  
>>>>related...  
>>>> Reminds me of days asking Edmund a question and getting deaf ears until  
>>>>one of his favorites asks the same question... then he replies.  
>>>  
>>

>

---

Subject: Re: latest PSCL  
Posted by [kerryg](#) on Mon, 18 Aug 2008 18:30:25 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Hey Ed - you might find these two archived posts from Chris Thoman as interesting as I did. I have no idea if they'd answer your question but they helped me gain a little "broad brushstroke" insight into the architecture "down there".

<http://www.svn.net/artguy/paris.notes/3-04-02>

<http://www.svn.net/artguy/paris.notes/1-23-03b>

- Kerry

On 8/18/08 11:12 AM, in article 48a9bb97\$1@linux, "Ed" <askme@email.com> wrote:

>  
> Shoot! That leaves me out... I never educated myself to cross the plus-plus  
> territory and stuck with the plain-jane 'C'.

>  
> But that is interesting that there is no special library... But how do you  
> know how to call things or turn them on in the EDS? Sorry if I am getting  
> too technical... I am really puzzled... I am aware of C++, but to call things  
> up like `_win_call(parameter,of,any,kind)`; I am not sure I understand how  
> you know what to program since the EDS is proprietary hardware. Or is it  
> using strictly simple audio library calls built in the C++ 4.2?

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

>>  
>> Hi Ed,  
>>  
>> The paris driver code was written in Visual C++ 4.2. There is no special  
>> library.

>>  
>> Cheers!

>>  
>> Mike

>>  
>>

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