
Subject: Listening to Chinese Democracy in PARIS....
Posted by [Mike Audet](#) on Fri, 28 Nov 2008 00:54:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

...with a redesigned Scherzo.

If I can get through a few listens without crashing, I'll post a beta.

So far, I've started it several times with no "Tom's Hardware" utility, and the C16 seems fine.

I moved the code that copies data to and from the cards into the interrupt service routine, which should resolve the threadsafety issues. I wasn't able to move some notification code into the ISR, though. The code lets the app know that some data has been sent or received by the Scherzo. Microsoft doesn't allow setting events in an ISR. This matters because I won't be able to create as tight a buffering system as I had hoped for a low latency ASIO driver. It's just the way it is, I guess.

I'll let you know how this goes.

All the best,

Mike

Subject: Re: Listening to Chinese Democracy in PARIS....off topic question
Posted by [Nappy](#) on Fri, 28 Nov 2008 06:32:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

Mike,

First off, thanks for all your great work with PARIS. Is it possible to add Rewire to PARIS? I know your work has been with the PARIS hardware, but if there is anyway it would be awesome!

I know that Propellerhead has some sort of developers kit that they offer. I can hope for a minute.

respect
Nappy

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

>

>...with a redesigned Scherzo.

>

>If I can get through a few listens without crashing, I'll post a beta.

>

>So far, I've started it several times with no "Tom's Hardware" utility, and

>the C16 seems fine.
>
>I moved the code that copies data to and from the cards into the interrupt
>service routine, which should resolve the threadsafety issues. I wasn't
>able to move some notification code into the ISR, though. The code lets
>the app know that some data has been sent or received by the Scherzo. Microsoft
>doesn't allow setting events in an ISR. This matters because I won't be
>able to create as tight a buffering system as I had hoped for a low latency
>ASIO driver. It's just the way it is, I guess.
>
>I'll let you know how this goes.
>
>All the best,
>
>Mike

Subject: Re: Listening to Chinese Democracy in PARIS....off topic question
Posted by [Nappy](#) on Fri, 28 Nov 2008 06:38:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Or maybe a MAC OSX low latency driver for the hardware.

"Nappy" <juggler9@rock.com> wrote:

>
>Mike,
>First off, thanks for all your great work with PARIS. Is it possible to add
>Rewire to PARIS? I know your work has been with the PARIS hardware, but if
>there is anyway it would be awesome!
>I know that Propellerhead has some sort of developers kit that they offer.
>I can hope for a minute.

>
>respect
>Nappy
>

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

>>
>>..with a redesigned Scherzo.
>>
>>If I can get through a few listens without crashing, I'll post a beta.
>>
>>So far, I've started it several times with no "Tom's Hardware" utility,
>and
>>the C16 seems fine.
>>

>>I moved the code that copies data to and from the cards into the interrupt
>>service routine, which should resolve the threadsafety issues. I wasn't
>>able to move some notification code into the ISR, though. The code lets

>>the app know that some data has been sent or received by the Scherzo.
Microsoft
>>doesn't allow setting events in an ISR. This matters because I won't be
>>able to create as tight a buffering system as I had hoped for a low latency
>>ASIO driver. It's just the way it is, I guess.
>>
>>I'll let you know how this goes.
>>
>>All the best,
>>
>>Mike
>

Subject: Re: Listening to Chinese Democracy in PARIS....off topic question
Posted by [Mike Audet](#) on Fri, 28 Nov 2008 09:56:09 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Nappy,

Anything is possible. The more I learn about the code, the more I realize I can do.

The immediate plan is for finishing up the scherzo and then working on the PC ASIO driver.

All the best,

Mike

"Nappy" <juggler9@rock.com> wrote:

>

>Or maybe a MAC OSX low latency driver for the hardware.

>

>"Nappy" <juggler9@rock.com> wrote:

>>

>>Mike,

>>First off,thanks for all your great work with PARIS. Is it possible to add

>>Rewire to PARIS? I know your work has been with the PARIS hardware,but if

>>there is anyway it would be awesome!

>>I know that Propellerhead has some sort of developers kit that they offer.

>>I can hope for a minute.

>>

>>respect

>>Nappy

>>
>>"Mike Audet" <mike@...> wrote:
>>>
>>>..with a redesigned Scherzo.
>>>
>>>If I can get through a few listens without crashing, I'll post a beta.
>>>
>>>So far, I've started it several times with no "Tom's Hardware" utility,
>>and
>>>the C16 seems fine.
>>>
>>>I moved the code that copies data to and from the cards into the interrupt
>>>service routine, which should resolve the threadsafety issues. I wasn't
>>>able to move some notification code into the ISR, though. The code lets
>>>the app know that some data has been sent or received by the Scherzo.

>Microsoft
>>>doesn't allow setting events in an ISR. This matters because I won't
be
>>>able to create as tight a buffering system as I had hoped for a low latency
>>>ASIO driver. It's just the way it is, I guess.
>>>
>>>I'll let you know how this goes.
>>>
>>>All the best,
>>>
>>>Mike
>>
>

Subject: Re: Listening to Chinese Democracy in PARIS....off topic question
Posted by [Martin Harrington](#) on Sat, 29 Nov 2008 07:27:58 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hey Nappy

I guess that you got it up and running, huh?

Martin H

On 28/11/08 5:38 PM, in article 492f83d3\$1@linux, "Nappy"
<juggler9@rock.com> wrote:

>
> Or maybe a MAC OSX low latency driver for the hardware.
>

> "Nappy" <juggler9@rock.com> wrote:
>>
>> Mike,
>> First off, thanks for all your great work with PARIS. Is it possible to add
>> Rewire to PARIS? I know your work has been with the PARIS hardware, but if
>> there is anyway it would be awesome!
>> I know that Propellerhead has some sort of developers kit that they offer.
>> I can hope for a minute.
>>
>> respect
>> Nappy
>>
>> "Mike Audet" <mike@...> wrote:
>>>
>>> ..with a redesigned Scherzo.
>>>
>>> If I can get through a few listens without crashing, I'll post a beta.
>>>
>>> So far, I've started it several times with no "Tom's Hardware" utility,
>> and
>>> the C16 seems fine.
>>>
>>> I moved the code that copies data to and from the cards into the interrupt
>>> service routine, which should resolve the threadsafety issues. I wasn't
>>> able to move some notification code into the ISR, though. The code lets
>>> the app know that some data has been sent or received by the Scherzo.
> Microsoft
>>> doesn't allow setting events in an ISR. This matters because I won't be
>>> able to create as tight a buffering system as I had hoped for a low latency
>>> ASIO driver. It's just the way it is, I guess.
>>>
>>> I'll let you know how this goes.
>>>
>>> All the best,
>>>
>>> Mike
>>
>

Martin H
Lend An Ear Sound

Subject: Re: Listening to Chinese Democracy in PARIS....off topic question
Posted by [Nappy](#) on Sat, 29 Nov 2008 19:31:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

Not the Mac side yet. I need help. I'll e-mail you about it.

respect
Nappy

Martin Harrington <lendan@bigpond.net.au> wrote:

>Hey Nappy

>

>I guess that you got it up and running, huh?

>

>Martin H

>

>

>On 28/11/08 5:38 PM, in article 492f83d3\$1@linux, "Nappy"

><juggler9@rock.com> wrote:

>

>>

>> Or maybe a MAC OSX low latency driver for the hardware.

>>

>> "Nappy" <juggler9@rock.com> wrote:

>>>

>>> Mike,

>>> First off, thanks for all your great work with PARIS. Is it possible to
add

>>> Rewire to PARIS? I know your work has been with the PARIS hardware, but
if

>>> there is anyway it would be awesome!

>>> I know that Propellerhead has some sort of developers kit that they offer.

>>> I can hope for a minute.

>>>

>>> respect

>>> Nappy

>>>

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

>>>>

>>>> ..with a redesigned Scherzo.

>>>>

>>>> If I can get through a few listens without crashing, I'll post a beta.

>>>>

>>>> So far, I've started it several times with no "Tom's Hardware" utility,
>>> and

>>>> the C16 seems fine.

>>>>

>>>> I moved the code that copies data to and from the cards into the interrupt

>>>> service routine, which should resolve the threadsafety issues. I wasn't

>>>> able to move some notification code into the ISR, though. The code

lets

>>>> the app know that some data has been sent or received by the Scherzo.

>> Microsoft

>>>> doesn't allow setting events in an ISR. This matters because I won't
be
>>>> able to create as tight a buffering system as I had hoped for a low
latency
>>>> ASIO driver. It's just the way it is, I guess.
>>>>
>>>> I'll let you know how this goes.
>>>>
>>>> All the best,
>>>>
>>>> Mike
>>>
>>
>
>Martin H
>Lend An Ear Sound
>
