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Subject: Update....

Posted by [mikeaudet](#) on Thu, 19 May 2022 15:00:55 GMT

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Hi Everyone,

It's been tough to make progress this year, but I'm finally getting traction. I've just started testing a version of the PSCL that is designed to work with jBridge. For those who haven't used jBridge, it allows a 32 bit host to connect with 64 bit VST files. I just started testing it with some 64 bit Waves plugins. So far, so good. The updated PSCL has a low priority thread that checks for jBridge processes and moves them off the CPU used by the PARIS application. This way, we can run 64 bit VSTs on all but one available CPU cores, while not running into the thread-safety issues in the PARIS application.

jBridge can be found here:

<https://jstuff.wordpress.com/jbridge/>

My next move is to work on the kernel driver (scherzo.sys). I bought a new ASUS motherboard with a PCI slot, and the driver does not work with this new board. The new board uses a I/O MMU, which is a new thing for PCs. I suspect that this is the problem, but I'll know more next week. An I/O MMU puts the PCI bus behind a memory controller that has to be programmed in order to allow PCI cards to access main memory. It's an extra level of indirection put in place for security reasons. The driver was not designed for this kind of thing.

I still haven't gotten the EV security certificate. The eventually rejected by documents that were signed by a justice of the peace. It's completely insane. An accountant or a lawyer will do just fine, but a judge can't be trusted. It's nuts. I'm going to go see a notary after I get the kernel driver updated. I only get a year on the certificate, so I think it makes sense to wait until I have this next phase done.

That's all I have to report for now.

All the best,  
Mike

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## File Attachments

1) [PARIS\\_with\\_Waves.jpg](#), downloaded 5657 times

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Edit Functions Settings EQ Aux Tracks Automation

Channel	1	2	3	4	5	6	7	8	9	10
BYPASS	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Abbey Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CLA-2A Ster	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
dbx-160 Ster	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EQ 1 OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hz	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
dB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BW	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
ALL EQ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EQ	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
SOLO MUTE	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Gain	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

00:01:48.555

IR-L A: Hall - 1 (Full Reset)

Full CPU

Name: Hall - 1  
Type: Concert Hall  
Date: 24 Mar 2004  
SR: 96000Hz -> 44100Hz  
Emitter: Genelec S30D

	Original	Current
Convolution:	1.85s	1.85s
RT60:	1.4s	1.4s
Channels:	4	4
Size:	11267	11267
Distance:	13m	NA

0.000Sec 2.000Sec

Reverb Time

Conv. Start: 0.000s  
Conv. Length: Full

Latency: 11ms

Dry/Wet: 100

Direct: Off

Output: 0.0

Reverb Time: 0.000s

Latency: 11ms

Dry/Wet: 100

Direct: Off

Output: 0.0

-2.8 -2.6

Options:

Post Notific

Transport: [Untitled Project]

00:01:48:16.6 SMPTE

00:00:00:00.0 SMPTE

P - M - S - L - 0 PUNCH LOCK

Subject: Re: Update....

Posted by [Philip](#) on Thu, 19 May 2022 21:35:36 GMT

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Mike, you're the man. I am still lurking here. Still using PARIS. Still missing my modern plugins.

Thanks for you efforts,

Phil

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Subject: Re: Update....

Posted by [Kim W.](#) on Fri, 20 May 2022 14:40:35 GMT

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Fantastic work, Mike!

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Subject: Re: Update....

Posted by [Wayne](#) on Sat, 21 May 2022 13:47:24 GMT

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Amazing !!

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Subject: Re: Update....

Posted by [Rich.Kelley](#) on Sun, 22 May 2022 20:09:20 GMT

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You rock, Mike. Thank you for all you're doing.

Rich

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Subject: Re: Update....

Posted by [Will The Weirdo](#) on Sun, 22 May 2022 22:44:34 GMT

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Fantastic news Mike! If you need testing help email or PM me.

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Subject: Re: Update....

Posted by [Ted Gerber](#) on Sat, 18 Jun 2022 19:57:12 GMT

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Way to go Mike!

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Subject: Re: Update....

Posted by [danielcornelius](#) on Sat, 28 Oct 2023 18:37:52 GMT

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Aha, hi all. I ready this Threads , because i Wonder myself, that i cannot use my Plugins from Universal Audio. So I habe to try this bridge.

I will Report If IT Works fine.

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Subject: Re: Update....

Posted by [mikeaudet](#) on Sat, 28 Oct 2023 18:47:53 GMT

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Hi Dan,

You'll need an updated driver, which I need to get out the door.

I've got to make an appointment to see a notary or a lawyer to get the EV driver signing certificate, and I've just been unable to make it happen. I'm sorry everyone. I'll do better.

All the best,

Mike

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Subject: Re: Update....

Posted by [danielcornelius](#) on Sun, 29 Oct 2023 13:53:43 GMT

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Hi Mike,

if you have ready the new driver,let me know, i will donate your work in that way to purchase this driver in your shop !

Best regards

Dan

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Subject: Re: Update....

Posted by [Will The Weirdo](#) on Wed, 01 Nov 2023 03:33:43 GMT

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I still around too Mike, I've been slowly buying PARIS parts and expanding my PARIS rig.

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