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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 4024 times

Edit Functions Settings EQ Aux Tracks Automation

The image shows a DAW mixer interface with 10 channels. Each channel strip includes:

- Channel Header:** A "BYPASS" button and a "Function" dropdown menu. The first three channels have "Abbey Road", "CLA-2A Ster", and "dbx-160 Ster" selected.
- EQ Section:** An "EQ 1 OFF" toggle, a frequency knob set to 1000 Hz, a gain knob set to 0.0 dB, and a bandwidth knob set to 1.5. An "ALL EQ" indicator is lit.
- Phase Section:** An "EQ ON" indicator and an "OPEN" button.
- Balance Section:** A balance knob with "L 100" and "R 100" labels.
- SOLO/MUTE Section:** "SOLO" and "MUTE" buttons, and a vertical fader.
- Automation Section:** A "REC" button and an "AUTO" button.

At the bottom of the mixer, there is a "Maximum Files Per" setting and an "Options:" section with a checked "Post Notifica" option.

The "IR-L" reverb plugin window displays the following settings:

- 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

Other controls include:

- Reverb Time:** A slider for "Reverb Time".
- Conv. Start:** 0.000s
- Conv. Length:** Full
- Latency:** 11ms
- Dry/Wet:** A slider set to 100.
- Direct:** Off
- Output:** Two sliders set to -2.8 and -2.6.

The "Transport: [Untitled Project]" window features standard playback controls:

- Buttons for Stop, Play/Pause, Previous, and Next.
- Timecode display: 00:01:48:16.6 SMPTE
- Timecode display: 00:00:00:00.0 SMPTE
- Buttons for "PUNCH" and "LOCK".