
Subject: Update....

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

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

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

File Attachments

1) [PARIS_with_Waves.jpg](#), downloaded 9361 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a mixer interface with 10 channels. Each channel strip includes the following controls from top to bottom:

- Buttons:** BYPASS (down arrow), Abbey Road, CLA-2A Ster, dbx-160 Ster, and a blank slot.
- EQ Section:** EQ 1 OFF (toggle), frequency knob (Hz, 20 to 20,000), gain knob (dB, 0.0), bandwidth knob (BW, 1.5), and an ALL EQ (toggle).
- EQ Visuals:** EQ ON (toggle), a frequency response graph, and an OPEN (toggle).
- Balance:** A knob with 'L 100' and 'R 100' markings.
- SOLO/MUTE:** SOLO (yellow) and MUTE (purple) buttons.
- Faders:** Two vertical faders (blue and green) with a scale from 0 to 70.
- Phase:** Three buttons labeled R, A, and E.
- REC/AUTO:** REC (red) and AUTO (blue) buttons.

At the bottom of the mixer, a transport bar shows the time 00:01:48.555 and a 'Maximum Files Per' indicator.

The IR-L plugin window is open, showing the following parameters and controls:

- Header:** IR-L, A: Hall - 1 (Full Reset), and buttons for A+B, Setup A, and Save.
- Full CPU:** A warning indicator.
- Metadata:** Name: Hall - 1, Type: Concert Hall, Date: 24 Mar 2004, SR: 96000Hz -> 44100Hz, Emitter: Genelec 530D.
- Comparison Table:**

	Original	Current
Convolution:	1.85s	1.85s
RT60:	1.4s	1.4s
Channels:	4	4
Size:	11267	11267
Distance:	13m	NA
- Reverb Time:** A knob set to 100.
- Latency:** A knob set to 11ms.
- Dry/Wet:** A knob set to 100.
- Direct:** A button set to Off.
- Output:** Two level meters showing -2.8 and -2.6 dB.
- Buttons:** Zoom, Reset, and Pre-delay.

Options:

Post Notific

The transport control window shows the following elements:

- Buttons:** Previous, Play/Pause, Stop, Record, Next, and a PUNCH button.
- Time Display:** A digital display showing 00:01:48:16.6 (SMPTE) and 00:00:00:00.0 (SMPTE).
- Labels:** P, M, S, L, and LOCK.