
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

File Attachments

1) [PARIS_with_Waves.jpg](#), downloaded 7410 times

Edit Functions Settings EQ Aux Tracks Automation

A screenshot of a digital audio workstation (DAW) mixer interface with 10 tracks. Each track has a set of controls including:

- Routing:** A dropdown menu for the destination (e.g., Abbey Road, CLA-2A Ster, dbx-160 Ster) and a BYPASS button.
- EQ Section:** An EQ 1 OFF button, 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 button is also present.
- Automation:** An EQ ON/OFF automation button and an OPEN button.
- Balance/Width:** A knob for L/R balance (set to 100).
- Volume:** SOLO and MUTE buttons, followed by a vertical fader with a scale from 0 to 70.
- Color:** RGB color selection buttons (R, A, E) and a REC button.

The mixer is currently showing a time of 00:01:48.555.

A screenshot of the IR-L convolution reverb plugin interface. It displays the following information:

- Name:** Hall - 1
- Type:** Concert Hall
- Date:** 24 Mar 2004
- SR:** 96000Hz -> 44100Hz
- Emitter:** Genelec 530D
- Convolution:** 1.85s (Original), 1.85s (Current)
- RT60:** 1.4s
- Channels:** 4
- Size:** 11267
- Distance:** 13m

The interface also includes a frequency response graph, a Reverb Time slider (set to 100), a Dry/Wet knob (set to 100), a Direct knob (set to Off), and an Output level knob (set to 0.0).

Options: Post Notification

A screenshot of a transport control window for 'Transport: [Untitled Project]'. It features standard transport controls:

- Buttons for Stop, Play, Record, and Next.
- A time display showing 00:01:48:16.6 SMPTE and 00:00:00:00.0 SMPTE.
- Buttons for P, M, S, L, 0, PUNCH, and LOCK.