

---

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 4800 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a mixer interface with 10 channels. Each channel strip includes a bypass button, a list of EQ plugins (Abbey Road, CLA-2A Ster, dbx-160 Ster), an EQ 1 OFF toggle, frequency (Hz) and gain (dB) knobs, bandwidth (BW) knobs, an ALL EQ toggle, an EQ ON/OFF toggle, a frequency response graph, a balance knob (L/R), and solo/mute buttons. Below the mixer, there are recording (REC) and auto (AUTO) buttons for each channel, and a time display showing 00:01:48.555.

The IR-L plugin window shows settings for a concert hall. The name is "Hall - 1", type is "Concert Hall", and the date is "24 Mar 2004". The sample rate (SR) is 96000Hz, and the emitter is "Genelec 530D". The convolution time is 1.85s, and the RT60 is 1.4s. The window also features a frequency response graph, a zoom control, and buttons for "Zoom +", "Reset", and "A to B". Below the graph, there are controls for "Reverb Time", "Conv. Start", "Conv. Length", "Latency", "Dry/Wet", "Direct", "Pre-delay", and "Output".

Options:

Post Notific

The transport control panel includes buttons for stop, play, record, and solo. It also features a time display showing 00:01:48:16.6 and 00:00:00:00.0, along with SMPTE timecode controls. Below the transport panel, there are buttons for "P", "M", "S", "L", and "0", and a "PUNCH" button.

Disable smiles in this message