

---

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 3735 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a mixer interface with 10 channels. Each channel has a 'BYPASS' button, a list of EQ presets (Abbey Road, CLA-2A Ster, dbx-160 Ster), and an 'EQ 1 OFF' toggle. The EQ section includes frequency (Hz) knobs set to 1000, gain (dB) knobs set to 0.0, and bandwidth (BW) knobs set to 1.5. Below the EQ are 'ALL EQ' and 'EQ ON' toggles, and 'OPEN' buttons. Channel 1 has 'L 100' and 'R 100' settings. Each channel also features 'SOLO' and 'MUTE' buttons, and a vertical fader with a scale from 1 to 70. At the bottom of each channel are 'REC' and 'AUTO' buttons. The mixer is currently at 00:01:48.555.

The IR-L reverb plugin window is open, showing settings for a 'Hall - 1' reverb. The window title is 'IR-L' and the current preset is 'A: Hall - 1 (Full Reset)'. The CPU usage is 'Full CPU'. The settings include:  
 Name: Hall - 1  
 Type: Concert Hall  
 Date: 24 Mar 2004  
 SR: 96000Hz -> 44100Hz  
 Emitter: Genelec S30D  
 Convolution: 1.85s (Original) / 1.85s (Current)  
 RT60: 1.4s (Original) / 1.4s (Current)  
 Channels: 4 (Original) / 4 (Current)  
 Size: 11267 (Original) / 11267 (Current)  
 Distance: 13m (Original) / NA (Current)  
 A graph shows the reverb decay over time from 0.000Sec to 2.000Sec. The 'Reverb Time' is set to 0.000s, 'Conv. Length' is 'Full', and 'Latency' is 11ms. The 'Dry/Wet' knob is set to 100, and 'Direct' is 'Off'. The 'Output' level is 0.0. The window also has 'Zoom' and 'Reset' buttons.

Options:  Post Notific

The transport control window is titled 'Transport: [Untitled Project]'. It features standard playback controls: Stop, Play/Pause, Record, and Next. Below these are 'P', 'M', 'S', 'L', and '0' buttons, along with 'PUNCH' and 'LOCK' buttons. The time display shows 00:01:48:16.6 in SMPTE format and 00:00:00:00.0 in another SMPTE format. The window has a close button (X) in the top right corner.