
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 3470 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a 10-channel mixer interface. Each channel strip includes the following controls from top to bottom: a 'BYPASS' button; a list of active effects (Abbey Road, CLA-2A Ster, dbx-160 Ster); an 'EQ 1 OFF' toggle; a frequency knob (set to 1000 Hz); a gain knob (set to 0.0 dB); a bandwidth knob (set to 1.5); an 'ALL EQ' toggle; an 'EQ ON' indicator; a stereo width knob (set to L 100 or R 100); a 'SOLO MUTE' section with two faders; and a vertical frequency response meter. At the bottom of the mixer, there are 'REC' and 'AUTO' buttons for each channel, and a master section with 'R', 'A', and 'E' buttons.

The screenshot shows an 'IR-L' convolution reverb plugin window. It features a 'Full CPU' indicator, a name field 'Name: Hall - 1', and a 'Type: Concert Hall'. Other metadata includes 'Date: 24 Mar 2004', 'SR: 96000Hz -> 44100Hz', and 'Emitter: Genelec S30D'. A table compares 'Original' and 'Current' settings for 'Convolution' (1.85s), 'RT60' (1.4s), 'Channels' (4), and 'Size' (11267). A frequency response graph is visible on the right. At the bottom, there are controls for 'Reverb Time' (0.000s), 'Conv. Length' (Full), 'Dry/Wet' (100), 'Latency' (11ms), 'Direct' (Off), and 'Output' levels (-2.8 and -2.6).

Options:

Post Notific

The screenshot shows a transport control window with standard playback buttons (stop, play, record, solo, mute) and a time display showing '00:01:48:16.6' in SMPTE format. Below the buttons are 'P', 'M', 'S', 'L', and '0' indicators, along with 'PUNCH' and 'LOCK' buttons.