
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 10271 times

Edit Functions Settings EQ Aux Tracks Automation

A multi-track mixer interface showing 10 tracks. Each track has a bypass button, a list of effects (Abbey Road, CLA-2A Ster, dbx-160 Ster), an EQ 1 section with frequency (1000 Hz), gain (0.0 dB), and bandwidth (1.5) controls. There are also 'ALL EQ', 'EQ ON', and 'L/R' level meters for each track.

SOLO MUTE controls are present for tracks 1, 2, and 3. Track 1 has a solo level of 10 and track 2 has a solo level of 20.

At the bottom, there are REC and AUTO buttons for each track, and a time display showing 00:01:48.555.

IR-L convolution reverb plugin window for 'Hall - 1 (Full Reset)'. It displays CPU status as 'Full CPU' and various parameters:

	Original	Current
Convolution:	1.85s	1.85s
RT60:	1.4s	1.4s
Channels:	4	4
Size:	11267	11267
Distance:	13m	NA

The interface includes a graph showing the impulse response, a Reverb Time slider (100), and Dry/Wet controls (100). Other settings include Conv. Start (0.000s), Conv. Length (Full), Latency (11ms), and Direct (Off). Output levels are shown at -2.8 and -2.6 dB.

Options:

Post Notifica

Transport window for 'Transport: [Untitled Project]' showing playback controls and a time display. The main time is 00:01:48:16.6 SMPTE, and the sub-time is 00:00:00:00.0 SMPTE. There are buttons for Previous, Next, Stop, Play, and Record, along with PUNCH and LOCK buttons. Below the buttons are markers for P, N, S, L, and a red '0'.