
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 4372 times

Edit Functions Settings EQ Aux Tracks Automation

The mixer interface shows 10 tracks. Each track has a bypass button, a list of EQ plugins (Abbey Road, CLA-2A Ster, dbx-160 Ster), an EQ 1 OFF button, a frequency knob (1000 Hz), a gain knob (0.0 dB), a bandwidth knob (1.5), an ALL EQ button, an EQ ON button, an OPEN button, a stereo width knob (L 100, R 100), and solo/mute buttons. Below the mixer is a transport bar with a time display of 00:01:48.555.

The IR-L reverb plugin interface shows the following parameters:
Name: Hall - 1
Type: Concert Hall
Date: 24 Mar 2004
SR: 96000Hz -> 44100Hz
Emitter: Genelec 530D
Convolution: Original 1.85s, Current 1.85s
RT60: 1.4s
Channels: 4
Size: 11267
Distance: 13m
Reverb Time: 0.000s
Conv. Start: 0.000s
Conv. Length: Full
Latency: 11ms
Dry/Wet: 100
Direct: Off
Output: 0.0
Pre-delay: 0.0

The transport control window shows a time display of 00:01:48:16.6 SMPTE and 00:00:00:00.0 SMPTE. It includes buttons for play, stop, and a punch button.