
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 7748 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a multi-track mixer interface with 10 tracks. Each track features a 'BYPASS' button, a list of active EQ plugins (e.g., Abbey Road, CLA-2A Ster, dbx-160 Ster), and a 'EQ 1 OFF' toggle. The EQ section includes frequency knobs (set to 1000 Hz), gain knobs (set to 0.0 dB), and bandwidth knobs (set to 1.5). Below the EQ are 'ALL EQ' and individual 'EQ ON' checkboxes. Track-specific EQ settings are shown as 'L 100' or 'R 100'. Each track also has 'SOLO' and 'MUTE' buttons and a volume fader. At the bottom of the mixer, there are 'REC' and 'AUTO' buttons for each track, and a central time display showing 00:01:48.555.

The IR-L plugin window is titled 'IR-L' and shows settings for a 'Concert Hall'. The 'Full CPU' indicator is active. Parameters include: Name: Hall - 1, Type: Concert Hall, Date: 24 Mar 2004, SR: 96000Hz -> 44100Hz, Emitter: Genelec S30D. A table shows 'Convolution: 1.85s / 1.85s' and 'RT60: 1.4s / 1.4s'. The 'Channels' are 4. Size is 11267. Distance is 13m. The 'Reverb Time' is 0.000s, 'Conv. Length' is Full, and 'Latency' is 11ms. The 'Dry/Wet' control is set to 100, and the 'Direct' switch is Off. The 'Output' faders are at -2.8 and -2.6. A graph on the right shows a reverb decay curve over 2.000Sec.

Options:

Post Notific

The transport control panel includes buttons for Play, Stop, and other functions. A large digital display shows the current time as 00:01:48:16.6 SMPTE. Below it, another display shows 00:00:00:00.0 SMPTE. There are also buttons for 'PUNCH' and 'LOCK'.