
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 5144 times

Edit Functions Settings EQ Aux Tracks Automation

The mixer console interface displays 10 channels, each with a set of controls. At the top of each channel strip, there is a 'BYPASS' button and a list of plug-ins: Abbey Road, CLA-2A Ster, and dbx-160 Ster. Below this, each channel has an 'EQ 1 OFF' button and a frequency knob set to 1000 Hz. Further down, there are gain knobs for dB (set to 0.0) and bandwidth (BW) (set to 1.5). An 'ALL EQ' button is visible below the gain controls. Below the EQ section, there are 'EQ ON' and 'OPEN' buttons. The next section contains a stereo width knob (set to 100) and 'SOLO' and 'MUTE' buttons. The bottom section of each channel strip features a vertical fader with a scale from 0 to 70, and a 'REC' button with 'AUTO' and 'OFF' indicators.

The IR-L convolution reverb plugin settings window is open. It shows the following parameters: Name: Hall - 1, Type: Concert Hall, Date: 24 Mar 2004, SR: 96000Hz -> 44100Hz, Emitter: Genelec S30D. A table compares 'Original' and 'Current' settings for Convolution (1.85s), RT60 (1.4s), Channels (4), Size (11267), and Distance (13m). A frequency response graph is visible on the right. At the bottom, there are controls for 'Reverb Time' (set to 0.000s), 'Conv. Length' (set to Full), 'Latency' (set to 11ms), 'Dry/Wet' (set to 100), 'Direct' (set to Off), and 'Output' (set to 0.0). There are also 'Zoom' and 'Reset' buttons.

Options:

Post Notific

The transport control interface includes buttons for 'Previous', 'Next', 'Stop', 'Play/Pause', 'Record', and 'Fast Forward'. Below these are buttons for 'P', 'M', 'S', 'L', and a 'PUNCH' button. A digital time display shows 00:01:48:16.6 and 00:00:00:00.0. There are also 'SMPT' and 'LOCK' buttons.