
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 7688 times

Edit Functions Settings EQ Aux Tracks Automation

The mixer interface displays ten tracks, each with a set of controls. At the top of each track is a 'BYPASS' button and a list of plugins including 'Abbey Road', 'CLA-2A Ster', and 'dbx-160 Ster'. Below this is an 'EQ 1 OFF' toggle and a frequency response graph. The EQ section includes three knobs for frequency (Hz), gain (dB), and bandwidth (BW), all currently set to 1000 Hz, 0.0 dB, and 1.5 respectively. An 'ALL EQ' toggle is present below the EQ knobs. Further down is an 'EQ ON' toggle and a 'Solo' button. Below the solo button are two vertical faders for 'L' and 'R' channels, with a 'SOLO' button and a 'MUTE' button. At the bottom of each track are 'REC' and 'AUTO' buttons. The mixer is currently in 'REC' mode. The time display at the bottom left shows 00:01:48.555.

The IR-L plugin window is open, showing settings for a 'Hall - 1' convolution reverb. The 'Name' is 'Hall - 1', 'Type' is 'Concert Hall', and 'Date' is '24 Mar 2004'. The 'SR' is '96000Hz -> 44100Hz' and the 'Emitter' is 'Genelec S30D'. The 'Convolution' section shows 'Original' and 'Current' settings for 'Convolution' (1.85s), 'RT60' (1.4s), 'Channels' (4), 'Size' (11267), and 'Distance' (13m). The 'Reverb Time' is set to 'Full'. The 'Dry/Wet' control is set to 100. The 'Direct' control is set to 'Off'. The 'Latency' is 11ms. The 'Output' section shows two faders for 'L' and 'R' channels, with values of -2.8 and -2.6 respectively. The 'Pre-delay' control is visible at the bottom right.

The transport control window is open, showing playback buttons for 'Previous', 'Next', 'Stop', 'Play', 'Record', and 'Fast Forward'. The time display shows 00:01:48:16.6 SMPTE and 00:00:00:00.0 SMPTE. The 'PUNCH' and 'LOCK' buttons are also visible. The 'Disable smiles in this message' checkbox is checked.