
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 9121 times

Edit Functions Settings EQ Aux Tracks Automation

The mixer interface consists of 10 columns, each representing a channel. At the top of each column are bypass controls (BYPASS) and a list of plug-ins (Abbey Road, CLA-2A Ster, dbx-160 Ster). Below these are EQ 1 OFF buttons and three EQ frequency sliders (Hz, dB, BW) with values set to 1000 Hz, 0.0 dB, and 1.5 BW. Further down are 'ALL EQ' and 'EQ ON' buttons, along with 'L 100' and 'R 100' stereo width controls. At the bottom of each column are SOLO and MUTE buttons, and a vertical fader with a scale from 0 to 70. The faders are currently set to approximately 10. Below the faders are REC and AUTO buttons.

The IR-L plugin window shows settings for a concert hall. The name is 'Hall - 1', type is 'Concert Hall', and the date is '24 Mar 2004'. The sample rate is 'SR: 96000Hz -> 44100Hz' and the emitter is 'Genelec S30D'. A table compares 'Original' and 'Current' settings for Convolution (1.85s), RT60 (1.4s), Channels (4), and Size (11267). A graph shows the frequency response curve. At the bottom, there are controls for Reverb Time (0.000s), Conv. Start (0.000s), Conv. Length (Full), Latency (11ms), Dry/Wet mix (100), Direct (Off), and Output levels (-2.8 and -2.6).

Options: Post Notific

The transport control window features standard playback buttons: Stop, Previous, Play/Pause, Next, and Record. Below these are buttons for P, M, S, L, and a PUNCH button. A digital time display shows '00:01:48:16.6' in SMPTE format and '00:00:00:00.0' in another format. There are also SMPTE input fields.