
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 10347 times

Edit Functions Settings EQ Aux Tracks Automation

The screenshot displays a 10-track mixer interface. Each track has a 'BYPASS' button, a list of EQ presets (Abbey Road, CLA-2A Ster, dbx-160 Ster), and an 'EQ 1 OFF' indicator. Below these are three frequency sliders: Hz (set to 1000), dB (set to 0.0), and BW (set to 1.5). An 'ALL EQ' button is also present. Each track includes a stereo EQ visualization, an 'OPEN' button, and a pan knob. Below the pan knob are 'SOLO' and 'MUTE' buttons. The volume faders are labeled 1 through 10, with a gain knob set to 0.0. At the bottom of each track are 'REC', 'A', and 'E' buttons, and an 'AUTO' indicator. The mixer is currently in 'REC' mode.

The screenshot shows the IR-L convolution reverb plugin interface. It features a 'Full CPU' warning, a name field 'Name: Hall - 1', and a type 'Type: Concert Hall'. The date is 'Date: 24 Mar 2004', and the sample rate is 'SR: 96000Hz -> 44100Hz'. 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 impulse response over time. Controls include 'Reverb Time' (0.000s), 'Conv. Length' (Full), 'Latency' (11ms), 'Dry/Wet' (100), 'Direct' (Off), 'Pre-delay', and 'Output' levels (-2.8 and -2.6).

Options: Post Notific

The screenshot shows the transport control window for 'Transport: [Untitled Project]'. It contains standard playback buttons: Stop, Play/Pause, Record, and Next. Below these are 'P', 'M', 'S', and 'L' buttons, a 'PUNCH' button, and a 'LOCK' button. The main time display shows '00:01:48:16.6' and '00:00:00:00.0' in SMPTE format.