
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 9677 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 with a downward arrow. Below this are three checkboxes: 'Abbey Road', 'CLA-2A Ster', and 'dbx-160 Ster'. Each track has an 'EQ 1 OFF' button and a frequency knob set to 1000 Hz. Below the frequency knob are two more knobs for gain (dB) and bandwidth (BW), both set to 0.0 and 1.5 respectively. An 'ALL EQ' button is located below the EQ section. Further down are 'EQ ON' and 'OPEN' buttons. Each track also features a stereo width knob, with the left track set to 'L 100' and the right track to 'R 100'. Below these are 'SOLO' and 'MUTE' buttons. The bottom of each track has a vertical fader with a scale from 0 to 70, currently set to 0.0. At the very bottom of each track are 'REC' and 'AUTO' buttons.

The 'IR-L' window displays reverb settings for 'Hall - 1'. At the top, it shows 'Full CPU' and 'A: Hall - 1 (Full Reset)'. Below this is a table of parameters:

	Original	Current
Convolution:	1.85s	1.85s
RT60:	1.4s	1.4s
Channels:	4	4
Size:	11267	11267
Distance:	13m	NA

To the right of the table is a frequency response graph. Below the graph are controls for 'Reverb Time' (set to 0.000s), 'Conv. Start' (0.000s), 'Conv. Length' (Full), 'Latency' (11ms), 'Dry/Wet' (set to 100), 'Direct' (Off), and 'Output' (set to 0.0). There are also 'Zoom' and 'Reset' buttons.

Options:

Post Notific

The transport control window features several playback buttons: a double left arrow for 'Previous', a double right arrow for 'Next', a square for 'Stop', a right arrow for 'Play', and a red circle for 'Record'. Below these are buttons for 'PUNCH' and 'LOCK'. A digital time display shows '00:01:48:16.6' in SMPTE format. At the bottom, there are buttons for 'P', 'M', 'S', 'L', and a '0' button.