
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 7807 times

Edit Functions Settings EQ Aux Tracks Automation

The mixer interface displays 10 channels, each with a set of controls including a bypass button, a list of processing modules (Abbey Road, CLA-2A, dbx-160), an EQ section with frequency, gain, and bandwidth knobs, an 'ALL EQ' toggle, a solo/mute section, and a fader. The EQ section for each channel is currently set to 1000 Hz, 0.0 dB, and 1.5 BW. The solo/mute section includes a solo button, a mute button, and a fader with a scale from 0 to 70. The faders are currently set to 0.0.

The IR-L window shows settings for a convolution reverb. The name is 'Hall - 1', type is 'Concert Hall', and the emitter is 'Genelec S30D'. The convolution time is 1.85s, and the RT60 is 1.4s. The window also displays a frequency response graph and various controls for reverb time, latency (11ms), dry/wet mix (100), and output levels (-2.8 and -2.6).

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

Options:

Post Notific

The transport control window shows a play button, a stop button, a record button, and a time display of 00:01:48:16.6. Below the time display are buttons for 'PUNCH' and 'LOCK'. The window also shows SMPTE timecode controls.