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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

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## File Attachments

1) [PARIS\\_with\\_Waves.jpg](#), downloaded 3630 times

Edit 
  Functions 
  Settings 
  EQ 
  Aux 
  Tracks 
  Automation

This image shows a digital audio workstation (DAW) mixer interface with 10 channels. Each channel strip includes the following controls from top to bottom:
 

- A bypass button and a list of plugins (Abbey Road, CLA-2A Ster, dbx-160 Ster).
- An EQ 1 OFF button and an EQ frequency knob (set to 1000 Hz).
- Gain and bandwidth (BW) knobs (set to 0.0 dB and 1.5).
- An ALL EQ button and an EQ ON/OFF button.
- A frequency response graph and an OPEN button.
- A stereo width knob (set to L 100 or R 100).
- Solo and Mute buttons.
- Volume faders for the main channel and a submix channel.
- Phase invert buttons (R, A, E).
- REC and AUTO buttons.

This image shows a convolution reverb plugin window titled "IR-L". The parameters are as follows:
 

- Name: Hall - 1
- Type: Concert Hall
- Date: 24 Mar 2004
- SR: 96000Hz -> 44100Hz
- Emitter: Genelec S30D

 A table below shows the reverb parameters:
 

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

 The interface also features a reverb time knob, a Dry/Wet knob (set to 100), a Direct button (set to Off), and output level meters (set to -2.8 and -2.6).

Options:

Post Notific

This image shows a transport control window titled "Transport: [Untitled Project]". It includes standard playback controls:
 

- Stop, Previous, Play/Pause, Next buttons.
- A time display showing 00:01:48:16.6 (SMPTE) and 00:00:00:00.0 (SMPTE).
- Buttons for PUNCH and LOCK.
- Phase indicators (P, M, S, L) and a "0" indicator.