
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.

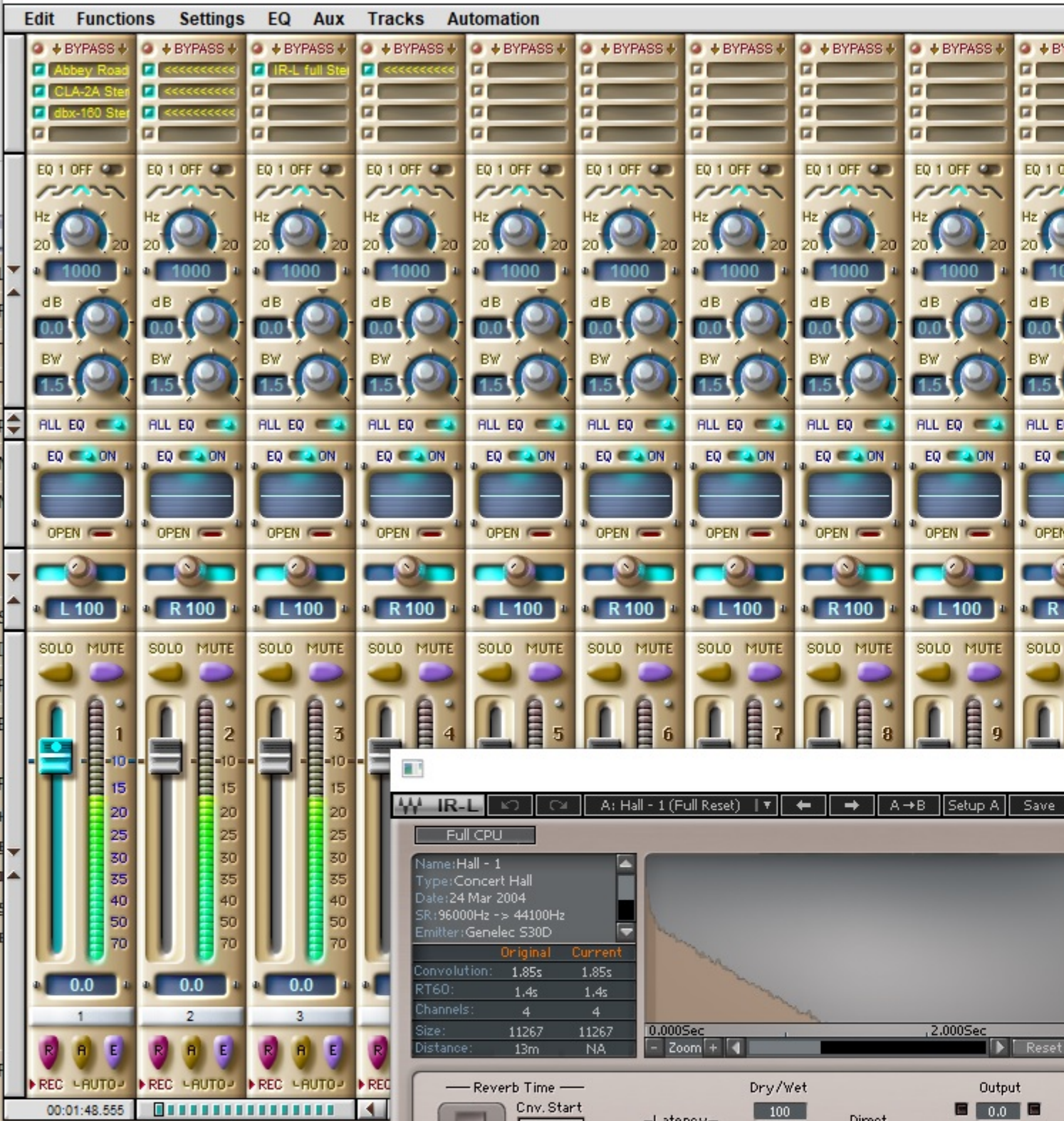
I still haven't gotten the EV security certificate. The eventually rejected by documents that were signed by a justice of the peace. It's completely insane. An accountant or a lawyer will do just fine, but a judge can't be trusted. It's nuts. I'm going to go see a notary after I get the kernel driver 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 4155 times



The screenshot displays a digital audio workstation (DAW) mixer interface. The top section shows 10 tracks, each with a set of controls for EQ, solo, and mute. Each track has a 'BYPASS' button, a list of EQ presets (Abbey Road, CLA-2A Ster, dbx-160 Ster), and an 'EQ 1 OFF' toggle. The EQ section includes frequency knobs (set to 1000 Hz), gain knobs (set to 0.0 dB), and bandwidth knobs (set to 1.5). Below the EQ is an 'ALL EQ' toggle, an 'EQ ON' indicator, and a graphic EQ section with 'L 100' and 'R 100' settings. The bottom section of each track includes 'SOLO' and 'MUTE' buttons, a volume fader, and a 'REC' indicator.

In the foreground, an IR-L convolution reverb plugin window is open. The window title is 'IR-L' and it shows the following settings:

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

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

The IR-L window also features a frequency response graph, a 'Reverb Time' knob (set to 100), a 'Dry/Wet' knob (set to 100), a 'Direct' toggle (set to Off), and an 'Output' level knob (set to 0.0). The 'Conv. Start' is set to 0.000s and 'Conv. Length' is set to Full.

Options:

Post Notific



The screenshot shows a transport control panel for a DAW. It includes various playback buttons: Stop, Previous, Play, Next, and Record. Below these are buttons for 'P', 'M', 'S', and 'L'. A digital display shows the current time as 00:01:48:16.6 SMPTE. Below the display is a 'PUNCH' button and a 'LOCK' button. At the bottom, there is a message: 'Disable smiles in this message'.