
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 7556 times

Edit Functions Settings EQ Aux Tracks Automation

The image displays a digital audio workstation (DAW) mixer interface with 10 channel strips. Each strip includes a bypass button, a list of plugins (Abbey Road, CLA-2A Stereo, dbx-160 Stereo), an EQ section with three frequency sliders (1000 Hz, 0.0 dB, 1.5 BW), an 'ALL EQ' toggle, an 'EQ ON' indicator, an 'OPEN' button, and a stereo balance knob (L 100, R 100). Below the EQ are solo and mute buttons, and a volume fader with a scale from 1 to 70. The bottom of each strip features 'REC' and 'AUTO' buttons. The master output section at the bottom left shows a time display of 00:01:48.555.

The image shows an IR-L convolution reverb plugin window. The title bar reads 'IR-L' and 'A: Hall - 1 (Full Reset)'. The main area displays the following parameters:

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

Additional controls include 'Reverb Time', 'Cnv. Start' (0.000s), 'Cnv. Length' (Full), 'Latency' (11ms), 'Dry/Wet' (100), 'Direct' (Off), 'Output' (-2.8, -2.6), and 'Pre-delay'. The window also features a zoom slider and a 'Reset' button.

Options: Post Notific

The image shows a transport control window titled 'Transport: [Untitled Project]'. It features standard playback controls: stop, previous, play, record, and next. Below these are buttons for 'P', 'M', 'S', 'L', and a '0' button. A 'PUNCH' button is also present. The main display shows the current time as 00:01:48:16.6 and the SMPTE time as 00:00:00:00.0. A 'LOCK' button is located to the right of the SMPTE display.