
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 9265 times

Edit Functions Settings EQ Aux Tracks Automation

The image shows a digital audio workstation (DAW) mixer interface with 10 channels. Each channel has a 'BYPASS' button and a list of processing modules. The first three channels have 'Abbey Road', 'CLA-2A Ster', and 'dbx-160 Ster' modules. The EQ section for each channel includes a frequency knob (set to 1000 Hz), a gain knob (set to 0.0 dB), and a bandwidth knob (set to 1.5). Below the EQ is an 'ALL EQ' toggle (set to ON) and an 'EQ ON' toggle (set to ON). The channel faders are set to 100% (L 100, R 100). The SOLO and MUTE buttons are visible for each channel. The transport bar at the bottom shows a time of 00:01:48.555.

The image shows a window for the 'IR-L' convolution reverb plugin. The window title is 'IR-L'. The name of the reverb is 'Hall - 1'. The type is 'Concert Hall'. The date is '24 Mar 2004'. The sample rate is 'SR: 96000Hz -> 44100Hz'. The emitter is 'Genelec S30D'. The window displays a graph of the impulse response. The 'Convolution' parameter is set to 1.85s. The 'RT60' parameter is set to 1.4s. The 'Channels' parameter is set to 4. The 'Size' parameter is set to 11267. The 'Distance' parameter is set to 13m. The 'Reverb Time' parameter is set to 0.000s. The 'Conv. Length' parameter is set to Full. The 'Latency' parameter is set to 11ms. The 'Dry/Wet' parameter is set to 100. The 'Direct' parameter is set to Off. The 'Output' parameter is set to 0.0. The window also has 'Zoom' and 'Reset' buttons.

Options:

Post Notific

The image shows a transport control panel with various buttons for transport control. The buttons include 'Previous', 'Next', 'Stop', 'Play/Pause', 'Record', and 'Solo'. The time display shows '00:01:48:16.6' and '00:00:00:00.0'. The transport panel also has 'PUNCH' and 'LOCK' buttons.

Disable smiles in this message