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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 4091 times

Mixer/1-SubMix 1 (A) : [Untitled Project]

Edit Functions Settings EQ Aux Tracks Automation

The mixer interface displays ten tracks with the following controls:

- Track 1-10:** Each track has a **BYPASS** button, an **EQ 1 OFF** button, and a frequency knob set to **1000** Hz. Below the frequency knob are **dB** and **BW** (bandwidth) knobs, both set to **0.0** and **1.5** respectively.
- EQ Section:** An **ALL EQ** button is active for all tracks. Below it, an **EQ** button is active for each track. An **OPEN** button is visible at the bottom of the EQ section for each track.
- SOLO/MUTE Section:** Each track has a **SOLO** (yellow) and **MUTE** (purple) button. Below these are two vertical sliders for gain, with the first track's slider set to **1**.
- Bottom Row:** Each track has a **REC** (red) and **AUTO** (purple) button. A **REC** indicator is visible at the bottom left of the mixer.

The IR-L interface displays the following parameters:

- Name:** Hall - 1
- Type:** Concert Hall
- Date:** 24 Mar 2004
- SR:** 96000Hz -> 44100Hz
- Emitter:** Genelec 530D
- Convolution:** 1.85s (Original) / 1.85s (Current)
- RT60:** 1.4s (Original) / 1.4s (Current)
- Channels:** 4 (Original) / 4 (Current)
- Size:** 11267 (Original) / 11267 (Current)
- Distance:** 13m (Original) / NA (Current)

Additional controls include **Reverb Time** (set to 0.000s), **Latency** (11ms), **Dry/Wet** (set to 100), **Direct** (set to Off), **PreDelay**, and **Output** (set to 0.0). The interface also features a **Zoom** control and a **Reset** button.

Options:

Post Notification

The transport interface includes the following elements:

- Buttons:** **Play** (green), **Stop** (black), **Record** (red), **Next** (blue), **Previous** (blue), **PUNCH**, and **LOCK**.
- Display:** A digital display showing the current time as **00:01:48:16.6** SMPTE and the start time as **00:00:00:00.0** SMPTE.
- Indicators:** **P**, **N**, **S**, **L**, and **0** indicators are visible below the buttons.

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