Subject: I'm having a really hard time explaining myself :-)
Posted by chuck duffy on Sat, 28 Oct 2006 14:01:18 GMT
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because of the amount of technobabble I use, and my poor grasp of english syntax :-)

Here's the deal...

1. The idea I am proposing does not use any physical hardware interconnects between PARIS and the "new" theoretical VST host. It uses a piece of "shared memory" (see wikipedia) to shuttle samples back and forth. The theoretical VST host would present 32 virtual inputs and 32 virtual outputs to any ASIO capable application.

2. There would be *one* channel strip in the VST HOST for *each* incoming virtual ASIO connection. On this strip you could drop as many VST plugs, or VSTis as you want. The strip would add up the latency for all plugs on the strip, and then bump the latency up to a user configured amount, thereby giving you 100% consistent latency for each channels. The output of each strip would go to an ASIO virtual OUT channel.

3. A simple "new" VST plug would be inserted on each channel in paris. On this plug you would select *which* one of the 32 "NEW" VST host channels you wanted to route through.

Now - the 64,000 question is, is there any other use for this new host BESIDES PARIS. If we can think of other uses for it, I would work on it, if not, I wouldn't :-) It needs to have a larger potential audience than the paris community :-)

Chuck

Chuck