
Subject: OT.....sorta'.....but increasingly sorta' not.....tracking at low latency in Cubase 4

Posted by [Deej \[4\]](#) on Tue, 27 Feb 2007 04:19:18 GMT

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After jacking around with the Cubase 4 cue mix studio sends, etc. stuff, I have found it overly complicated and generally redundant when interfacing with the cue mix system I have here. The Furman HDS 16 will allow 16 simultaneous inputs and cubase will allow more than one source to a single output. I have external reverbs on each of the remote mixers so tracking with FX isn't an issue.

It's much easier to just create a mix template that busses mono or stereo inputs directly to mono or stereo outs and then any tracks that are already recorded and used as reference for dubs are just put on a stereo bus and sent to a submix bus stereo out which is routed to the Furman main stereo input and sent to the cans. Using ASIO direct monitoring, I just tracked 18 inputs to a Cubase 4 project at 0.7 ms latency (32k buffer) using the RME beta19 driver. CPU usage on the Cubase meter was around 35-40%. Drop the buffers to 1.5ms latency (64k buffer-still inaudible) and the CPU usage drops to around 10-15%. I like having that kind of headroom.

This is good news. Lots has been going on here behind the scenes and I haven't had much time to get my head around how I would track big projects. I'm getting musicians lined up for some upcoming sessions and I want4ed things to run smoothly. This is easier than doing it with Paris using auxes with my particular cue system..I don't have much experience with this native stuff and I was sorta dreading hitting the latency wall. Doesn't look like that will happen if I'm careful, especially with a slave DAW handling VSTi chores.

This ASIO direct monitoring stuff is nice amd punching in/out is simple and smooth with this system.

(breathing sigh of relief)

Deej

Subject: Re: OT.....sorta'.....but increasingly sorta' not.....tracking at low latency in Cubase 4

Posted by [Neil](#) on Tue, 27 Feb 2007 07:27:21 GMT

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Deej, which RME driver is it that you're using? Got a link you can point me to? Sounds like it might be a newer one than the one I've got loaded.

Neil

"DJ" <www.aarrrrggghh!!!.com> wrote:

>After jacking around with the Cubase 4 cue mix studio sends, etc. stuff,
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>have found it overly complicated and generally redundant when interfacing

>with the cue mix system I have here. The Furman HDS 16 will allow 16

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Subject: Re: OT.....sorta'.....but increasingly sorta' not.....tracking at low latency
in Cubase 4
Posted by [Deej \[4\]](#) on Tue, 27 Feb 2007 14:21:53 GMT
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Here's beta20

http://www.rme-audio.com/download/hdsp_wdm_beta20.zip

It's the final release candidate.

As usual, ghost is your friend. You may need to update your firmware first.

Deej

"Neil" <OIUOI@OI.com> wrote in message news:45e3cf49\$1@linux...

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Subject: Re: OT.....sorta'.....but increasingly sorta' not.....tracking at low latency in Cubase 4

Posted by [Deej \[4\]](#) on Tue, 27 Feb 2007 14:34:51 GMT

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Neil.....here's beta19.

http://www.rme-audio.com/download/hdsp_wdm_beta19.zip

This is the one I'm running. Looks like beta20 is giving some people fits over on the RME forum. Anyway, like I said, ghost is always your friend.

Deek

"Neil" <OIUOI@OI.com> wrote in message news:45e3cf49\$1@linux...

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Subject: Re: OT.....sorta'.....but increasingly sorta' not.....tracking at low latency
in Cubase 4

Posted by [LaMont](#) on Tue, 27 Feb 2007 22:49:05 GMT

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Hey DJ, well (my friend), this is why I added a mixer to the "whole" native
equation (for Tracking) ... :)

makes life so much easier when tracking & monitoring. As well as, I can use
my hardware like it was meant to be used.

This is where Paris & Pro Tools excel. Their patch bay routing is in another league!! Pro Tools routing set up is really one of its greatest assets. Save whole scale inputs and outputs and naming them for future use..

I hope that Steinberg continues to open up the VST platform to allow for more easy and flexible routing..

LAD

"DJ" <www.aarrrrggghhh!!!.com> wrote:

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Subject: Re: OT.....sorta'.....but increasingly sorta' not.....trackingat low latency
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Posted by [EK Sound](#) on Tue, 27 Feb 2007 22:56:51 GMT
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COUGH, COUGH... ;-)

David.

LaMont wrote:

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