Subject: Faderworks and PDC Q
Posted by Ted Gerber on Tue, 26 Oct 2010 01:17:06 GMT
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Hi Folks -

I'm finally setting up Faderworks on my Paris XP rig, mainly for the Plugin delay
compensation (though the grouping feature looks useful too) and I have two questions:

When setting up the sample delay values on the PDC page, what do you do if you
run projects at different sample rates? The plugin delay introduced by instances is different with
44.1K compared to 48K.

How exactly do you calculate the delay for the various plugs? I have installed the same plug on
two mono tracks each with the same audio file (click track). Then I have rendered one with Native
Plugin, and then disabled that same plugin. Then I have nudged the other track with SampleSlide
until the audio from each is simultaneous, but I can't get the two tracks to cancel out when I flip
the phase on one. If they are sample-accurate in position, shouldn't they cancel out with the phase
flipped?

Or do you use a different approach to measure the latency...

Thanks

Ted

Subject: Re: Faderworks and PDC Q
Posted by drfrankencopter on Tue, 26 Oct 2010 12:57:43 GMT
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Try doing it by bypassing the plugin using its own controls (i.e. not by right clicking on the Paris
DX/VST slot), and compare against another time locked copy of the track.

Rendering likely won't capture the latency, and some plugins have modulation that might use a
random seed and won't cancel.

Cheers

Kris

Subject: Re: Faderworks and PDC Q
Posted by Ted Gerber on Tue, 26 Oct 2010 14:40:11 GMT
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Thanks Kris -

Yeah the reason I loaded up the plug on both tracks and rendered one was precisely because some plugs even when no controls are engaged, alter the sound. So comparing one with no controls engaged with a track that has no plugs period, would not offer the chance for phase flip cancellation.

Hmmm this is a bit of a brain twister for me.

Isn't there a plug that measures plugs automatically? (that is: not manual shifting as with SampleSlide).

Ted

Subject: Re: Faderworks and PDC Q
Posted by Ted Gerber on Tue, 26 Oct 2010 14:49:47 GMT
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OK I found this:

http://www.savioursofsoul.de/Christian/programs/measurement- programs/

And will check it out later...

Ted