Subject: which daws do it?
Posted by John [1] on Mon, 23 Jan 2006 12:10:14 GMT

Are there any Daws have plugin latency compensation AND allow you to
hear the plugin while tracking.

Subject: Re: which daws do it?
Posted by JB on Mon, 23 Jan 2006 14:19:29 GMT

Cubase SX and Nuendo both do this, but latency is cumalitive. Using an RME
card, I can get 1.5ms latency, but this is on the input and the output, so
that's 3ms (still doable), but add a couple of effects, each with a 2 or 3ms
latency, then you're up to 7-9ms latency, which is noticable to many people.
I have noticed that at 96k, you cut the RME's lowest latency in half, but if
the machine can't handle it, you end up having to increase the latency
anyway. I'm on an AMD 3200 (32bit), so perhaps the latest machines will be
able to do 96k at the lowest latency.

"John" <no@no.com> wrote in message news:43d4c8df$1@linux...
> Are there any Daws have plugin latency compensation AND allow you to hear
> the plugin while tracking.

Subject: Re: which daws do it?
Posted by TCB on Mon, 23 Jan 2006 15:11:32 GMT

Usually you have to pick your poison. DSP based DAWs (PARIS, PT, etc.) almost
always have some very small amount of latency when playing back, but it's
exactly the same latency as the effect introduces when tracking. Native DAWs
usually have sample accurate latency compensation at mixdown but more latency
when tracking with an effect. I always suggest people track with cheapo hardware
effects if they really need them when using a native DAW. But that's just
me.

TCB

John <no@no.com> wrote:
>Are there any Daws have plugin latency compensation AND allow you to
>hear the plugin while tracking.

Subject: Re: which daws do it?

Posted by John [1] on Mon, 23 Jan 2006 15:46:56 GMT

View Forum Message <> Reply to Message

latency is a bummer. Is that why everyone gets a UAD, cuz pcs are still
to slow to have no latency?
Thanks

TCB wrote:
> Usually you have to pick your poison. DSP based DAWs (PARIS, PT, etc.) almost
> always have some very small amount of latency when playing back, but it's
> exactly the same latency as the effect introduces when tracking. Native DAWs
> usually have sample accurate latency compensation at mixdown but more latency
> when tracking with an effect. I always suggest people track with cheapo hardware
> effects if they really need them when using a native DAW. But that's just
> me.
>
> TCB
>
> John <no@no.com> wrote:
>
>>Are there any Daws have plugin latency compensation AND allow you to
>>hear the plugin while tracking.
>
>

Subject: Re: which daws do it?
Posted by JB on Mon, 23 Jan 2006 16:46:50 GMT

View Forum Message <> Reply to Message

"John" <no@no.com> wrote in message news:43d4fba8$1@linux...
> latency is a bummer. Is that why everyone gets a UAD, cuz pcs are still to
> slow to have no latency?
> Thanks

There is still latency with the UAD-1 card. Most plugins are 1-2ms latency,
but something like the Pultec is at least 3ms (due to the 192k upsampling).

There are actually native plugins with lower latency than the UAD-1 fx. The
obvious advantage of the UAD-1 is that it doesn't suck cycles from your main
CPU.

Subject: Re: which daws do it?
Posted by gene lennon on Mon, 23 Jan 2006 16:49:34 GMT

View Forum Message <> Reply to Message

"JB" <no@mail.com> wrote:

>Cubase SX and Nuendo both do this, but latency is cumalitive. Using an RME

>card, I can get 1.5ms latency, but this is on the input and the output, so
>that's 3ms (still doable), but add a couple of effects, each with a 2 or 3ms
>latency, then you're up to 7-9ms latency, which is noticable to many people.

>I have noticed that at 96k, you cut the RME's lowest latency in half, but if
>the machine can't handle it, you end up having to increase the latency
>anyway. I'm on an AMD 3200 (32bit), so perhaps the latest machines will be
>able to do 96k at the lowest latency.
>
>"John" <no@no.com> wrote in message news:43d4c8df$1@linux...
>> Are there any Daws have plugin latency compensation AND allow you to hear

>> the plugin while tracking.
>

Just to be clear.
Most DAWS allow you to monitor live through plugins, and if your computer
is fast enough, you may get away with some plugins that add only small amounts
of latency.
NO DAW can compensate for plugin latency live on input.
gene

Subject: Re: which daws do it?
Posted by JB on Mon, 23 Jan 2006 16:53:50 GMT
View Forum Message <> Reply to Message

> NO DAW can compensate for plugin latency live on input.
> gene

Actually, I heard that the new UAD-2 card will have a built in Flux
Capacitor that will allow recording of a .wav file before it is actually
played. This should allow not only 0 latency recording, but NEGATIVE latency
recording! Unfortunately, it will only be able to play back Chuck Berry
riffs.

Oh, the joy of technology!

Subject: Re: which daws do it?
Posted by Deej [1] on Mon, 23 Jan 2006 17:14:33 GMT

Yes, but it will still have a carbuerator in order to retain tht *vintage* vibe.

"gene lennon" <glennon@NOSPmyrealbox.com> wrote in message news:43d50b7b$1@linux...
>
> "JB" <no@mail.com> wrote:
> >
> >> NO DAW can compensate for plugin latency live on input.
> >> gene
> >
> >Actually, I heard that the new UAD-2 card will have a built in Flux
> >Capacitor that will allow recording of a .wav file before it is actually
>
> >played. This should allow not only 0 latency recording, but NEGATIVE latency
>
> >recording! Unfortunately, it will only be able to play back Chuck Berry
>
> >riffs.
> >
> >Oh, the joy of technology!
> >
>
> My information must be incorrect. I heard the UAD-2 ran on fuel cells.
> g

Subject: Re: which daws do it?
Posted by gene lennon on Mon, 23 Jan 2006 17:59:39 GMT

"JB" <no@mail.com> wrote:
>
>> NO DAW can compensate for plugin latency live on input.
>> gene
>
>Actually, I heard that the new UAD-2 card will have a built in Flux
>Capacitor that will allow recording of a .wav file before it is actually

>played. This should allow not only 0 latency recording, but NEGATIVE latency

>recording! Unfortunately, it will only be able to play back Chuck Berry

>riffs.
>

>Oh, the joy of technology!
>

My information must be incorrect. I heard the UAD-2 ran on fuel cells.
g

Subject: Re: which daws do it?
Posted by erlilo on Mon, 23 Jan 2006 18:56:25 GMT

....and it's being more and more pricey to get these new late NCY filled
vintage effects. Roland Space Echo will cost 249$. Their next plugins will
be Neve/AMS vintage signal processor products like the Neve 1073 Equalizer
and maybe the old, wonderful AMS reverb unit???....

Erling

"DJ" <animix_spam-this-ahole_@animas.net> skrev i melding
news:43d5103f$1@linux...
> Yes, but it will still have a carbuerator in order to retain tht
> *vintage*
> vibe.
>
> "gene lennon" <glennon@NOSPmyrealbox.com> wrote in message
> news:43d50b7b$1@linux...
>>
>> "JB" <no@mail.com> wrote:
>> >
>> >> NO DAW can compensate for plugin latency live on input.
>> >> gene
>> >
>> >Actually, I heard that the new UAD-2 card will have a built in Flux
>> >Capacitor that will allow recording of a .wav file before it is actually
>>
>> >played. This should allow not only 0 latency recording, but NEGATIVE
> latency
>>
>> >recording! Unfortunately, it will only be able to play back Chuck Berry
>>
>> >riffs.
>> >
>> >Oh, the joy of technology!
>> >
>>
>> My information must be incorrect. I heard the UAD-2 ran on fuel cells.
>> g

>
>

Subject: Re: which daws do it?
Posted by John [1] on Mon, 23 Jan 2006 19:25:52 GMT
View Forum Message <> Reply to Message

I'll just heat up my room to 100C. At 212F/100C the speed is 1268 feet
per second.

TCB wrote:
> Sound travels thorugh sea level air at 1100 ft/second. There are a thousand
> milliseconds in a second. Each foot you move away from your speakers is a
> millisecond of latency. The latency in DSP systems is fine for tracking.
> The compensation in native systems is great.
>
> Pick your poison or buy a console and tape deck.
>
> TCB
>
> John <no@no.com> wrote:
>
>>latency is a bummer. Is that why everyone gets a UAD, cuz pcs are still
>
>
>>to slow to have no latency?
>>Thanks
>>
>>TCB wrote:
>>
>>>Usually you have to pick your poison. DSP based DAWs (PARIS, PT, etc.)
>
> almost
>
>>>always have some very small amount of latency when playing back, but it's
>>>exactly the same latency as the effect introduces when tracking. Native
>
> DAWs
>
>>>usually have sample accurate latency compensation at mixdown but more
>
> latency
>
>>>when tracking with an effect. I always suggest people track with cheapo
>
> hardware
>

>>>effects if they really need them when using a native DAW. But that's just
>>>me.
>>>
>>>TCB
>>>
>>>John <no@no.com> wrote:
>>>
>>>
>>>>Are there any Daws have plugin latency compensation AND allow you to
>>>>hear the plugin while tracking.
>>>
>>>
>

Subject: Re: which daws do it?
Posted by TCB on Mon, 23 Jan 2006 20:02:52 GMT
View Forum Message <> Reply to Message

Sound travels thorugh sea level air at 1100 ft/second. There are a thousand milliseconds in a second. Each foot you move away from your speakers is a millisecond of latency. The latency in DSP systems is fine for tracking. The compensation in native systems is great.

Pick your poison or buy a console and tape deck.

TCB

John <no@no.com> wrote:
>latency is a bummer. Is that why everyone gets a UAD, cuz pcs are still

>to slow to have no latency?
>Thanks
>
>TCB wrote:
>> Usually you have to pick your poison. DSP based DAWs (PARIS, PT, etc.) almost
>> always have some very small amount of latency when playing back, but it's
>> exactly the same latency as the effect introduces when tracking. Native DAWs
>> usually have sample accurate latency compensation at mixdown but more latency
>> when tracking with an effect. I always suggest people track with cheapo hardware
>> effects if they really need them when using a native DAW. But that's just
>> me.
>>
>> TCB

```
>>
>> John <no@no.com> wrote:
>>
>>>Are there any Daws have plugin latency compensation AND allow you to
>>>hear the plugin while tracking.
>>
>>
```

Subject: Re: which daws do it?
Posted by excelav on Tue, 24 Jan 2006 00:07:16 GMT

```
"gene lennon" <glennon@NOSPmyrealbox.com> wrote:
>
>"JB" <no@mail.com> wrote:
>>
>>> NO DAW can compensate for plugin latency live on input.
>>> gene
>>
>>Actually, I heard that the new UAD-2 card will have a built in Flux
>>Capacitor that will allow recording of a .wav file before it is actually
>
>>played. This should allow not only 0 latency recording, but NEGATIVE latency
>
>>recording! Unfortunately, it will only be able to play back Chuck Berry
>
>>riffs.
>>
>>Oh, the joy of technology!
>>
>
>My information must be incorrect. I heard the UAD-2 ran on fuel cells.
>g
```

I think your both wrong, I heard it runs on laughing gas and natural methane;
)

James

Subject: Re: which daws do it?
Posted by John [1] on Tue, 24 Jan 2006 08:46:37 GMT

Do the UAD boards have latency? I can remove the room latency by
wearing headphones but I sill need to remove the plugin latency for

---

tracking live with plugs enabled. Does a board like a UAD have latency too?

erlilo wrote:
> ...and it's being more and more pricey to get these new late NCY filled
> vintage effects. Roland Space Echo will cost 249$. Their next plugins will
> be Neve/AMS vintage signal processor products like the Neve 1073 Equalizer
> and maybe the old, wonderful AMS reverb unit???....
>
> Erling
>
>
> "DJ" <animix_spam-this-ahole_@animas.net> skrev i melding
> news:43d5103f$1@linux...
>
>>Yes, but it will still have a carbuerator in order to retain tht
>>*vintage*
>>vibe.
>>
>>"gene lennon" <glennon@NOSPmyrealbox.com> wrote in message
>>news:43d50b7b$1@linux...
>>
>>>"JB" <no@mail.com> wrote:
>>>
>>>>>NO DAW can compensate for plugin latency live on input.
>>>>>gene
>>>>
>>>>Actually, I heard that the new UAD-2 card will have a built in Flux
>>>>Capacitor that will allow recording of a .wav file before it is actually
>>>
>>>>played. This should allow not only 0 latency recording, but NEGATIVE
>>
>>latency
>>
>>>>recording! Unfortunately, it will only be able to play back Chuck Berry
>>>
>>>>riffs.
>>>>
>>>>Oh, the joy of technology!
>>>>
>>>
>>>My information must be incorrect. I heard the UAD-2 ran on fuel cells.
>>>g
>>
>>
>
>

Subject: Re: which daws do it?
Posted by rick on Tue, 24 Jan 2006 10:23:08 GMT
View Forum Message <> Reply to Message

yeah, but that will necessitate you wearing that damn speedo...you may
have to put the feelings of friends, family and clients first.

On Mon, 23 Jan 2006 14:25:52 -0500, John <no@no.com> wrote:

>I'll just heat up my room to 100C.   At 212F/100C the speed is 1268 feet
>per second.
>
>TCB wrote:
>> Sound travels thorugh sea level air at 1100 ft/second. There are a thousand
>> milliseconds in a second. Each foot you move away from your speakers is a
>> millisecond of latency. The latency in DSP systems is fine for tracking.
>> The compensation in native systems is great.
>>
>> Pick your poison or buy a console and tape deck.
>>
>> TCB
>>
>> John <no@no.com> wrote:
>>
>>>latency is a bummer. Is that why everyone gets a UAD, cuz pcs are still
>>
>>
>>>to slow to have no latency?
>>>Thanks
>>>
>>>TCB wrote:
>>>
>>>>Usually you have to pick your poison. DSP based DAWs (PARIS, PT, etc.)
>>
>> almost
>>
>>>>always have some very small amount of latency when playing back, but it's
>>>>exactly the same latency as the effect introduces when tracking. Native
>>
>> DAWs
>>
>>>>usually have sample accurate latency compensation at mixdown but more
>>
>> latency
>>
>>>>when tracking with an effect. I always suggest people track with cheapo
>>
>> hardware
>>

>>>>effects if they really need them when using a native DAW. But that's just
>>>>me.
>>>>
>>>>TCB
>>>>
>>>>John <no@no.com> wrote:
>>>>
>>>>
>>>>>Are there any Daws have plugin latency compensation AND allow you to
>>>>>hear the plugin while tracking.
>>>>
>>>>
>>