

---

Subject: Re: ASIO DRIVER current status ?

Posted by [mikeaudet](#) on Sun, 23 Nov 2014 12:53:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi Guys,

I'm so excited about this, too!

I've been working as hard as I can on this. I was hoping to avoid making too many changes to the PSCL because it then has to be tested to make sure it didn't break the PARIS app, but I'm going to have to make a bunch of changes. The kind of locking the PSCL uses to guard shared resources are too slow for the kind of buffer sizes I'm targeting. So, they have to be replaced. I'm also working on a new way to read project time and start and stop playback.

A big thing I'm working on now is getting the voice events that point at themselves to be reliable. The problem is that there is no way to tell them when to start playing/recording. They start the instant the EDS card is told about them. I may have to go back to scheduling voice events on the fly, but that's a bit messy now that Pro Tools has required a circular buffer that doesn't line up with the buffer switches. It also adds more overhead to the buffer switches, which could affect how low we can get the buffer sizes.

We're getting there. It's just been harder than I thought it would be.

All the best,

Mike

---