
Subject: Re: ASIO DRIVER current status ?
Posted by [mikeaudet](#) on Wed, 07 Dec 2016 18:23:00 GMT
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Hi all,

I'm sorry that this has taken longer than I expected.

Some beta testing uncovered a bug in the 24 bit mode at 64 samples that I hadn't seen on my system. I've moved where the IRQ is fired in the main loop that runs on the EDS cards, and made some other adjustments to accommodate that. The change gives more time for the buffer switch to complete. I've added a 32 bit transfer mode, too.

I also fixed a bug relating to the IF2.

If the testing comes back good, its done.

Before I release this, I'd like to revisit a post that I made a while back. A latency testing utility was reporting less than 64 samples latency with the driver. That utility wasn't accurate, unfortunately.

Harrison Mixbus reports about 600 samples of latency at 64 samples, 32 bit transfers. That's just over 13 ms. There appears to be a fair bit of additional buffering inside the EDS1000 card and the MEC.

Ultra low latency will still require the PARIS application, but I've found playing electric guitar through the ASIO driver at 64 samples to feel fine.

I hope this doesn't pose a problem for anyone.

All the best,

Mike