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Subject: PARIS development continues...

Posted by [mikeaudet](#) on Mon, 11 Jan 2010 14:22:12 GMT

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Hi All,

I'm sorry that I haven't had much to report for a while. Life conspired to keep me away from PARIS code for a while, but that has changed recently.

I've been very hard at work on a Windows 7 64 bit driver for PARIS. The first step was re-reading the first 400 pages of my driver book to get back up to speed on things. Then, the first hurdle was getting the scherzo to compile. Initially, it didn't. I got it compile, and then I needed to get it to install on Windows 7 64. There were differences in the inf format. I got passed that, and it installed. But, then, it blue screened Windows on start up. I tracked that down to a change in the way Windows 7 handles text in drivers, and the system loaded. But, then, when PARIS launched, it blue screened the system. I tracked that down to the fact that Microsoft banned the method the Paris driver uses to expose the hardware to the PARIS app starting with Windows 2003 server. I researched and read and read, and found another way to expose the hardware. Now, it doesn't blue screen, but the driver still isn't finished.

It's looking good, but it all depends on how well the alternate way of exposing the hardware works. I still have to do the thunking (converting calls from 32 bit contexts), but that should be pretty straightforward. I'm totally excited about getting PARIS running on 64 bit windows.

I've been working on some other things, too, and home to have an announcement soon. It's nothing huge, but it's taken a fair bit of time.

I've also worked with Kerry tracking down why Mac PAFs don't work in PC apps that support PAF. I think it's lead to an approach that will get me over the hump on enabling 24 bit support in ASIO driver. I've got the latency down to 10 milliseconds in the ASIO driver, but I got completely stuck trying to get 24 bits to pass. The result was just complete noise, but I may have a fix now.

I've certainly not abandoned PARIS by any means. last year, I was teaching high school, and I had no free time at all. This summer, I got married and decided to change careers. I'm doing freelance programming now, but that change meant I had to study php, javascript, css, visual basic, etc., in order to be flexible enough to take the work that is out there. That took up a lot of time.

I also started on a computer science degree this fall, and my first class was discreet mathematics, and that took a lot more time than I thought it would, but it went well, and I learned a lot.

I'm still here, and still committed. I hope that everyone here is making great music with their PARIS systems (I know Tom Guerra and Ted Gerber are - holy crap! Everyone should buy their CDs), even if new software has been slow coming. I think we have one killer system as it is, and it's only going to get better as time goes by.

I hope this update restores some faith if people thought we were done developing PARIS.

Development continues.

Best wishes to all.

Mike