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Subject: even newer PSCL update...oops!

Posted by [Mike Audet](#) on Tue, 26 Aug 2008 05:47:53 GMT

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Hi All,

here's a newer build. I fixed a threadsafety issue in the transport control.

Here's where I'm at with this.

If I lock the Scherzo drivers to one CPU, I still have the freeze bug. So, it's not them.

When the freeze happens:

The PSCL thought the transport was going backwards because of 2 things: the sample counter was wrong and stalled, and this exacerbated a threadsafety bug that I just fixed.

The absTime offset (difference between samplecount since EDS start and project sample count is positive when it should be negative. This number is passed to the PSCL by the PARIS app.

Either: The Paris App is not thredsafe or all my debugging code has bogged down the machine so much that the interrupts aren't serviced in time, and they cause a buffer overflow. But, I added the code to find the bug, so this is probably wishful thinking. But, I used to run paris with no C16 on a dual Athlon, and it ran fine. The freeze still happens when I disconnect the C16.

Anyway, time for bed. I hope this works for people. :)

All the best,

Mike

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Content-Transfer-Encoding: base64

Content-Disposition: attachment; filename="PARIS\_StudioControlLibrary.dll"



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