

Re: Random tapisrv.dll crashes, stuck in infinite loop

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.tapi/2006-02/msg00383.html>

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<GuyverXT9@xxxxxxxxxx> schrieb im Newsbeitrag
<news:1140776355.430009.309820@xx>

I've written a TSP in Delphi for a SIP based VoIP phone. Everything in the TSP works fine, but whenever the CALLSTATE messages are processed, Tapi seems to get stuck in an infinite loop. I've check the results for all of the tapi functions involved and they return SUCCESS. The callbacks also execute and return back to the TSP, but afterwards the infinite loop occurs.

This happens randomly (sometimes on the first try, sometimes on the 35th etc.) and I can't figure why. I've checked for null-terminated strings, memory leaks etc. The TSP and the softphone speak to each other via shared memory.

I've attached to the tapisrv process using the IDE debugger, and traced the problem into the tapisrv.dll. In the CPU window, I see that register eax gets decremented. The initial value of this register is 0, and the value afterwards is -1. This is the point where the infinite loop occurs.

This happens on both win2k and winxp.

Stephan,
in the topic you mention TAPISRV.dll crashes and infinite loops. These are different things. What do you mean? Please clarify.

What does this infinite loop do?
Are any TSPI_ functions on your TSP called recurrently?
If so, which ones? Please provide some kind of log.

Do you have MS Repeater.TSP or Genoa TapiVision available to trace on TSPI level?
See my TAPI and TSPI FAQ:

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Q: How can I debug a TSP ?

http://www.i-b-a-m.de/Andreas_Marschall's_TAPI_and_TSPI_FAQ.htm#_Q:_How_can_1

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Best Regards

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TAPI / TSP Developer and Tester

My TAPI and TSPI FAQ:

http://www.I-B-A-M.de/Andreas_Marschall's_TAPI_and_TSPI_FAQ.htm

My Toto® Tools (a collection of free, mostly TAPI related tools):

http://www.i-b-a-m.de/Andreas_Marschall's_Toto_Tools.htm

TAPI development around the world (Frappr! map):

<http://www.frappr.com/TAPIaroundTheWorld>

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