
Subject: Re: stex3 on stex pro

From: James Langseth (jameslangseth@hotmail.com)

To: rodlarson100@yahoo.com;

Date: Thursday, July 20, 2017 7:30 AM

Hi Rod,

Correction. Not RTVERSION but SRTTYPE.

[SRTTYPE] 10

Leave RTVERSION at 5.

As time allows I'm working on a multi table 469D sim to try to prove out STEX functionality still works. I wanted to mention too that I won't accept any payment for this work I'm doing. I'll be glad if our customers are able to use STEX again. I wouldn't mind a trip every so often, like once a year, to Japan or Italy, but only if there is real work to be done.

Let me know when you think you'll be trying to run STEX with the RPC interface.

Jim

From: James Langseth <jameslangseth@hotmail.com>
Sent: Saturday, July 15, 2017 8:23 AM
To: Rod Larson
Subject: Re: stex3 on stex pro

Yes, to both questions. The only significant change to the INI file is:

[RTVERSION] 5

needs to be changed to

[RTVERSION] 10

This tells STEX to speak RPC to the 469D rather than api.alt. I did this to help ensure I didn't break the older interface.

I still anticipate you may need my assistance during checkout so I can be available if I know when it happens. Remember STEX is very picky about the full scale values it sees in the INI file versus what the 469D gives it. It's a pain to edit but I've left it this way to discourage promiscuous INI file usage.

Latest version: <http://www.yesterdata.com/pub/stex3.zip>

As time allows I'll continue to test and update so the ZIP may change.

Jim

From: Rod Larson <rodlarson100@yahoo.com>
Sent: Saturday, July 15, 2017 7:44 AM
To: James Langseth
Subject: Re: stex3 on stex pro

Jim,
I can try it on NCREE South Branch if you want. Send me the Stex3 that you think will work and I can try it out.

As I remember, we just have to hold down <Shift> when we start Stex3 to get it to acquire channel info, right ?

Can I still use 127.0.0.1 as IP address if I want to run it on 469D ?

Rod

P.S. I will try to get multi-469D. I have not done a multi-table system - they are all in PRC.

From: James Langseth <jameslangseth@hotmail.com>
To: Rod Larson <rodlarson100@yahoo.com>
Sent: Friday, July 14, 2017 8:40 PM
Subject: Re: stex3 on stex pro

So I think STEX is working pretty well with the RPC interface to the controller. I'd like to see it used on a real system to make sure though.

Also, the multi-table stuff surely needs more work. The 469D sim you gave me probably doesn't do multi-table. Do you have a multi table simulation. I wrote a 469D simulator years ago with multi-table functionality, but it'll take quite a bit of work to convert it over to the new interface.

Thoughts?

Jim

From: Rod Larson <rodlarson100@yahoo.com>
Sent: Tuesday, July 11, 2017 11:14 AM
To: James Langseth
Subject: Re: stex3 on stex pro

I thought that was all it took.

Thanks for Api.alt. My latest was about 2008. A couple of differences w.r.t. references to virtual machine, but that can be ok

I don't think we need online monitoring for stex pro interface. not worth the trouble.

Rod

From: James Langseth <jameslangseth@hotmail.com>
To: Rod Larson <rodlarson100@yahoo.com>
Sent: Tuesday, July 11, 2017 10:53 AM
Subject: Re: stex3 on stex pro

Hi Rod,

I'm back from vacation and working on STEX as time allows. As far as I can tell I have it working with the 469D simulation. With all zero feedbacks it's hard to tell if it would work on a real system. And "monitoring" will not work at all; to implement that I need to experiment with reading the response file as the 469D is writing it. That will work in theory, but it will take quite a bit of code to get it to work.

AFAIK, api.alt and node.alt are all that is needed for the pre-RPC interface. I have sources from CERL circa 2010, and enclosed api.alt.

VAR api := Api.new.init

Jim

From: Rod Larson <rodlarson100@yahoo.com>
Sent: Tuesday, July 11, 2017 10:03 AM
To: James Langseth
Subject: stex3 on stex pro

Jim,

How was Nord dakota ?? hope you had good weather. What is the situation w/ Stex3 running on Stex Pro interface? I have a Japanese customer asking if this is possible. Word travels fast about me getting dumped by MTS.

Also, if Pavia can get MTS to just load a vanilla uniaxial controller on their new table, what does it take to interface to Stex3 ? Just api.alt from right era and Node.alt ? Selecting remote application must have done something. I can check on the old archives that I have.

If they get the Stex Pro interface, then, of course, we go with the old Plan A with what you found already.

Don't give up on the Plan A w/ Pro interface. I think the market is a lot bigger than the idiots at MTS think. Stex Pro just does not work very well. Especially now that I have found the Restore Settings problem w/ Stex Pro.

Rod



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