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Former Home of SpinCAD Designer
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Trouble with simulation (#p1416)
by **access777** » Mon Sep 16, 2013 6:22 am

Hello!
Please, help me.
1.Sample rate - 32768
2.Enable level wiever
3."Simulator->file"
4.I drew the block-scheme
5. Set existing source WAV file
6. Set not-existing WAV file
7. Start simulation

The simulation not started 😳 The output file was not created. If I set "Simulator->Sound card" There no any sound from speakers. Level panel is clear, no any simbols on it
What I doing wrong?

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Re: Trouble with simulation (#p1417)
by **Digital Larry** » Mon Sep 16, 2013 11:01 am

Hard to say without details.

Please attach your SPCD file and let me know which build of the program you are using. Please, if you can take a few minutes, also follow the instructions for running in debug mode (http://holycityaudio.com/forum/viewtopic.php?f=32&t=1289&sid=b539d5f6c1e56af9fb2febe40520c07a) and attach a log file. You'll probably need to place both files into a ZIP.

Also try a very basic "Bypass" patch (Input and Output blocks, connect Input directly to Output).

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Re: Trouble with simulation (#p1418)
by **access777** » Mon Sep 16, 2013 12:47 pm

SNKSAL
You spent so match time for us so, of course, I have a minute for you 😐
I have Windows 2008
SpinCAD-399 version 2013-09-14
https://docs.google.com/file/d/0B7a20AY ... sp=sharing (https://docs.google.com/file/d/0B7a20AYfgWvDRUxHQks1ZFlLcXM/edit?usp=sharing)
There is my test project and java err message.
I had get the debug log file, but it's empty.
First I tried start programm debug mode in Windows user session, but with no success.
Than I go into Admins session, and got the msg you could see in zip.
PS
I had thik that my trouble in admin rights to create file, but it was no correct idea.

I tried start program and simulate under admins rights, but had no success either

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Re: Trouble with simulation (#p1419)
by **Digital Larry** » Mon Sep 16, 2013 1:26 pm

Hmmm, where did this "Chorus.spcd" file come from? Was it created with SpinCAD build 399? Because it shows a serialization error that would usually come from loading a patch file created with a different version. When that happens, the model is not actually loaded, so there is nothing to simulate. Later tonight when I am near my development system, I will try the patch file myself.

Are you having problems running the simulation with a bypass model? I can't tell whether the problem affects everything you do, or just this one patch.

спасибо,

DL

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Re: Trouble with simulation (#p1420)
by **access777** » Mon Sep 16, 2013 11:31 pm

Version of the programm
https://docs.google.com/file/d/0B7a20AY ... sp=sharing (https://docs.google.com/file/d/0B7a20AYfgWvDS2w3TlpKdjVMbW8/edit?usp=sharing)
It generate the asm code well, but do not simulate...
Bypass sim - doing nothing 😬
https://docs.google.com/file/d/0B7a20AY ... sp=sharing (https://docs.google.com/file/d/0B7a20AYfgWvDMXhPci1BeVF3cG8/edit?usp=sharing)
СПАСИБО 😳😳😳

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Re: Trouble with simulation (#p1421)
by **Digital Larry** » Tue Sep 17, 2013 5:42 am

OK, this is a little strange. I don't have Windows Server 2008 to experiment on. I'm not sure what it takes to allow your system to generate the log file so that you can send it to me. Do you need to use an administrator command window? Or "Run as Administrator"? Without the log file to review I am totally in the dark regarding what is going on.

I presume your system has audio hardware? Works OK with other applications?

Sorry! 😬

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Re: Trouble with simulation (#p1422)
by **access777** » Tue Sep 17, 2013 6:03 am

O, sorry, I have Windows 8, not server 2008
and "run as administrator" - but it not helpful too
I have recieve debuglog.txt
My fault was - I wrote not correct file name. Now all is OK, log was created, but the message in it the same, as the previous message from the command line window
java -jar SpinCAD-399.jar > debuglog.txt

Opening: Chorus.spcd.

Exception during deserialization: java.io.InvalidClassException: javax.swing.JComponent; local class incompatible: stream classdesc serialVersionUID = -5074484439485650315, local class serialVersionUID = 5670834184508236790

Last edited by access777 (./memberlist.php?mode=viewprofile&u=613) on Tue Sep 17, 2013 8:27 am, edited 2 times in total.
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Re: Trouble with simulation (#p1423)
by **Digital Larry** » Tue Sep 17, 2013 8:00 am

Please try to create the **Bypass** patch starting from "New", try running simulation, and send me the log file from that. If your simulation is not working for the **Bypass** patch then I want to solve that issue first.

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Re: Trouble with simulation (#p1424)
by **access777** » Tue Sep 17, 2013 8:44 am

https://docs.google.com/file/d/0B7a20AY ... sp=sharing (https://docs.google.com/file/d/0B7a20AYfgWvDSjBXX0s5WWY2SEE/edit?usp=sharing)
There are log, version and err message that was displayed in the CMD screen after SpinCAD was run
The simulation was not working for the Bypass patch

PS
!!!!!!!!!!
Trouble was solved - thanks yuor suggestions - the file should have 2 chanales!!! But I tried simulate with mono file
But new troubles appear -
1) The out file is very SLOW!? temp
2) Output file lasts more than original input file, repeats some times
3) There have no progressions to guess when simulation goes to an end
https://docs.google.com/file/d/0B7a20AY ... sp=sharing (https://docs.google.com/file/d/0B7a20AYfgWvDQXBDZkozU2NnLVk/edit?usp=sharing)
I have some qwe to UI but I will write it in UI topic
Thanks a lot for giving me a direction and sorry for so dirty english, I hope you had anderstand me correct

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Re: Trouble with simulation (#p1425)
by **Digital Larry** » Tue Sep 17, 2013 10:15 am

Hello again,

I think I understand you well so far! 😊

The only thing I can think of that would affect the processed sample speed is the sample rate of the original file. If you read the Simulator instructions (http://holycityaudio.com/forum/viewtopic.php?f=32&t=1205&sid=79a8acae507e4a1911cb06d382b33b4b) , it is normally expecting a stereo 16-bit WAV file sampled at 32768 Hz. If it is some other sample rate, you can select 44,100 Hz or 48,000 Hz from the Simulator->Select Sample Rate menu.

The normal operation of the simulator is to loop the input audio over and over until you press "Stop". This is most convenient when you are running the simulation through the speakers and you want to hear the effect that adjusting the Pot controls creates. Similarly, when you are running the simulator to create a WAV file, it runs until you stop it. This is as designed.

I had not given any thought to putting up a notification when the sample processing is done. When you run simulation while listening to audio, there is some audio remaining in the buffer after you press the "Stop Simulation" button. I think it is up to 64,000 samples so it could take up to 2 seconds after you press "Stop" for it to really stop. I did not write the simulator code, so I am just using it as it came from the original author.

Thanks,

DL

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Re: Trouble with simulation (#p1426)

by **Digital Larry** » Wed Sep 18, 2013 5:21 am

> *access777 wrote:*
> Opening: Chorus.spcd.
> Exception during deserialization: java.io.InvalidClassException: javax.swing.JComponent; local class incompatible: stream
> classdesc serialVersionUID = -5074484439485650315, local class serialVersionUID = 5670834184508236790

I got this same error when trying to open your patch file. I tried the "Chorus" block in a patch, saved and loaded it... no problem. I tried the "Preset Chorus" block in a patch and it has a code generation bug.

Can you tell me what went into the "Chorus.spcd" patch you made? Unfortunately there doesn't seem any way to recover it. 😟😭

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