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Trying to Install SpinCAD on Win 10 (#p3465)

by **gen.allenby** » Wed May 01, 2019 3:29 pm

Hello
As the title states, I'm attempting to install SpinCAD on Win 10.

I've got Java build 1.8.0_201-b09.

I'm running Eclipse Kepler build 20140224-0627.

I walk through the process outlined in the Installing/Configuring PDF.

After the "cleaning" process outlined on pages 9 and 10, I still have 752 errors. All of them are syntax errors. I get "for each statements are only available if source level is 1.5 or greater" and "annotations are only available if source level is 1.5 or greater".

Any thoughts?

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Re: Trying to Install SpinCAD on Win 10 (#p3467)

by **Digital Larry** » Fri May 03, 2019 2:09 am

If you're just trying to install SpinCAD, you don't need to install Eclipse. That's only needed if you wish to try to change the way the program works or add new blocks. Please clarify what you are trying to do.

I'm pretty sure I was running Kepler at some point along the way but I do not know what is causing the problem you are experiencing, unfortunately.

See if this helps:

https://stackoverflow.com/questions/213 ... r#24589591 (https://stackoverflow.com/questions /21356676/syntax-error-for-each-statements-are-only-available-if-source-level-is-1-5-or#24589591)

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Re: Trying to Install SpinCAD on Win 10 (#p3468)
by **gen.allenby** » Fri May 03, 2019 9:01 am

Thanks for the reply.

> *Digital Larry wrote:*
> If you're just trying to install SpinCAD, you don't need to install Eclipse. That's only needed if you wish to try to change the way the program works or add new blocks. Please clarify what you are trying to do.

I'm following your pdf "Installing and Configuring Eclipse to Compile SpinCad Designer".

I was under the impression that this code had to be compiled and debugged prior to installation, I'm pretty sure I read that somewhere on the site or forum. I initially tried to compile in Feb but ran into the error issues (and didn't have access to the forum yet), so I listed it as a dependency in my project and focused instead on the hardware dev side. Now that hardware is finalized and debugged, I'm focusing on SpinCad.

> I'm pretty sure I was running Kepler at some point along the way but I do not know what is causing the problem you are experiencing, unfortunately.

I'm not married to doing my own compile, at least not yet if I don't have to. I chose Kepler for some reason...maybe one of the tutorials I ran across recommended using that version? I can't recall; all I know is that every version I tried ran into large numbers of errors and Kepler had the fewest.

While I've got plenty of experience running .jar files from the command line prompt, this is my first attempt at compiling, and my java skills are poor. VHDL and python are more my thing, lol.

I didn't locate a compiled version on your GitHub, does one exist? If it does, I'd prefer to stay on OSX as I'm much more adept in that environment than Win 10.

Thanks again for doing this--I know first hand how much work these kinds of things require, and I'm happy to contribute financially once I get the platform running.

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Re: Trying to Install SpinCAD on Win 10 (#p3469)

by **Digital Larry** » Sat May 04, 2019 5:39 pm

I'm sorry you got the impression this had to be compiled from source!

You can download and get the jar file here (in a ZIP):

viewtopic.php?f=29&t=1801 (http://holycityaudio.com/forum/viewtopic.php?f=29&t=1801)

Let me know if you have any issues running it. I'm usually on Windows but have OS/X and Linux readily available.

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Re: Trying to Install SpinCAD on Win 10 (#p3475)

by **gen.allenby** » Fri May 10, 2019 3:14 pm

Thanks for the reply, and the download link.

Unfortunately I'm still getting errors when trying to run, Error: Could not create the Java Virtual Machine.

I'm assuming this is a heap size issue I'll try a larger size and see what happens.

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Re: Trying to Install SpinCAD on Win 10 (#p3476)

by **Digital Larry** » Sat May 11, 2019 6:57 am

That's really odd.

Here's some info from my side, Windows 10.

```
C:\Users\Larry\Desktop\SpinCAD>java -version
java version "1.8.0_211"
Java(TM) SE Runtime Environment (build 1.8.0_211-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.211-b12, mixed mode)

C:\Users\Larry\Desktop\SpinCAD>java -jar SpinCAD-998.jar
```

Nothing is shown in the console when running SpinCAD until I open a patch or something like that that generates debug output.

I do get that message if I use an invalid option with java, e.g.

```
C:\Users\Larry\Desktop\SpinCAD>java -v
Unrecognized option: -v
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.

C:\Users\Larry\Desktop\SpinCAD>
```

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Re: Trying to Install SpinCAD on Win 10 (#p3477)

by **Digital Larry** » Sat May 11, 2019 8:00 am

I just tried SpinCAD 1023 on my MacBook Air with OS/X 10.14.4. The jar when double clicked opens up just fine.

Attempting to launch it from the terminal, I got an error saying I would need to install the JRE/JDK to allow such a thing to happen.

a) Which version of OS/X do you have?
b) Did you install a JRE or JDK?

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Re: Trying to Install SpinCAD on Win 10 (#p3478)

by **gen.allenby** » Mon May 13, 2019 5:43 pm

My OSX version is 10.7.5. Old, I know.

Whether I try launching from the terminal or clicking the file, I get the same result.

Launches just fine on Win 10 when I click the file. For now, I'll just stick with that as it least gets me up and running.

Definitely makes the dev cycle easier, thanks for putting this together. I'll happily donate; personally I think you should be charging a monthly subscription fee, but that's just me.

One question--is there a way to view specifics of each module? For example if I'm putting together a simple overdrive with high and lowpass shelving...how do I see or determine what the shelving frequencies are? Sorry if this has been covered already.

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Re: Trying to Install SpinCAD on Win 10 (#p3482)

by **Digital Larry** » Thu May 16, 2019 8:50 pm

> *gen.allenby wrote:*
> My OSX version is 10.7.5. Old, I know.
> One question--is there a way to view specifics of each module? For example if I'm putting together a simple overdrive with high and lowpass shelving...how do I see or determine what the shelving frequencies are? Sorry if this has been covered already.

Well, I don't really know what the issue is with running on your Mac. I'd suspect some Java compatibility issue but it's not like I have a ton of different PCs to test on. My first suggestion would be to try to get a current version of Java on there.

The filter blocks should have frequencies shown on the sliders in the control panels. Blocks with control panels have a white border. Right click on the block to pop up a context menu whereby you can access the control panel.

There may be some blocks where the adjustment of some parameter is just "a number" and I guess in those cases you have to dial them in by ear. In some cases where I took complete blocks from other sources I wasn't always clear on what the parameters were doing but I just put a slider on it to adjust it anyway if that seemed like a useful thing to do.

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