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Former Home of SpinCAD Designer

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can't save patches (#p2929)

by **add4** » Sat Mar 11, 2017 5:55 am

Hello,

I'm a brand new user of SpinCad and i'm already really excited at all the possibilties, i can't thank you enough, Larry for making this simple interface and way of creating digital effect possible. It's a lot of fun.

However i run into a small problem, maybe it's something i did wrong.. I can't save individual patches that i created myself. when i try to do it i get 'file open failed: this SPBK file may be from an incompatible version of spincad designer.. when in fact i created the bank from scratch too..

Is that a known bug? or is it an error 33, where the error stands 33 cms away from the screen ?

THanks

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Re: can't save patches (#p2933)

by **Digital Larry** » Sat Mar 11, 2017 6:26 am

Hahah no it's a known bug. Try saving as a bank instead.

If you would be so kind as to run the program in debug mode and try to catch the exception, it would be helpful.

[viewtopic.php?f=32&t=1289](#) (<http://holycityaudio.com/forum/viewtopic.php?f=32&t=1289>)

I'm fairly sure I fixed at least one issue with patch save but haven't released that version. That bug happens after you've been working on the program for a while and the "most recently used" file name list (which shows up when you go to open a file) grows too large. But, if you've just started using the program and have NEVER been able to save a patch, that sounds like something different. The "File Open" error message when you are saving was the result of me copying and pasting some code without changing it to say "file save error", but the underlying cause, which will most likely be found in the debug trace, eludes me.

If you could catch the debug output when this happens, it really would be very helpful. I have not been actively working on SpinCAD for quite a while, but if there is some basic bug like this preventing people from using it, I might roll up my sleeves to fix it.

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Re: can't save patches (#p2934)

by **add4** » Sat Mar 11, 2017 9:57 pm

Hi and thanks for your reply!

so i've tried to launch spincad in debug mode -> java -jar SpinCad-998.jar in the folder and i get this

MacBook-Air:SpinCad-998 Arnaud\$ java -jar SpinCAD-998.jar

Exception in thread "main" java.lang.UnsupportedClassVersionError: com/holycityaudio/SpinCAD/SpinCADFrame : Unsupported major.minor version 51.0

```

at java.lang.ClassLoader.defineClass1(Native Method)
at java.lang.ClassLoader.defineClassCond(ClassLoader.java:637)
at java.lang.ClassLoader.defineClass(ClassLoader.java:621)
at java.security.SecureClassLoader.defineClass(SecureClassLoader.java:141)
at java.net.URLClassLoader.defineClass(URLClassLoader.java:283)
at java.net.URLClassLoader.access$000(URLClassLoader.java:58)
at java.net.URLClassLoader$1.run(URLClassLoader.java:197)
at java.security.AccessController.doPrivileged(Native Method)
at java.net.URLClassLoader.findClass(URLClassLoader.java:190)
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)
at java.lang.ClassLoader.loadClass(ClassLoader.java:247)
at java.lang.Class.forName0(Native Method)
at java.lang.Class.forName(Class.java:249)
at org.eclipse.jdt.internal.jarinjarloader.JarRsrcLoader.main(JarRsrcLoader.java:56)

```

and no application is launched. that seems strange as the jar is working if i double click on it ..

If you can help me correct that i'm more than ok to give you the errors 😊

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Re: can't save patches (#p2936)

by **Digital Larry** » Sun Mar 12, 2017 10:06 am

What do you get from:

```
java -version
```

and what is your operating system?

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Re: can't save patches (#p2938)

by **add4** » Sun Mar 12, 2017 9:41 pm

```

Java(TM) SE Runtime Environment (build 1.6.0_65-b14-468-11M4833)
Java HotSpot(TM) 64-Bit Server VM (build 20.65-b04-468, mixed mode)

```

i'm using Mac OS Sierra : 10.12.3

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Re: can't save patches (#p2940)

by **Digital Larry** » Mon Mar 13, 2017 5:17 am

You're going to need to upgrade to Java 1.8 I think. 1.6 is several years old.

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Re: can't save patches (#p2945)

by **add4** » Mon Mar 13, 2017 2:30 pm

Apparently it's the java SDK that needs to be updated.. only my JRE was up to date .. anyway .. that solved debug mode problem 😊 thanks

here is the error message i get when i open SpinCad in debug mode, only add an input an output node, and try to save the patch

```
MacBook-Air:SpinCad-998 Arnaud$ java -jar SpinCAD-998.jar
```

```
; -----
;----- Input
```

```
Code: 0
EditResources toolbar Action Event
; -----
;----- Input
;----- Output
```

```
Code: 0
EditResources toolbar Action Event
Connect start!
Connect stop!
; -----
;----- Input
;----- Output
RDAX ADCR,1.0000000000
WRAX DACR,0.0000000000
```

```
Code: 2
EditResources toolbar Action Event
java.io.FileNotFoundException: /testsave.spcd (Permission denied)
at java.io.FileOutputStream.open0(Native Method)
at java.io.FileOutputStream.open(FileOutputStream.java:270)
at java.io.FileOutputStream.<init>(FileOutputStream.java:213)
at java.io.FileOutputStream.<init>(FileOutputStream.java:101)
at com.holycityaudio.SpinCAD.SpinCADFile.fileSavePatch(SpinCADFile.java:68)
at com.holycityaudio.SpinCAD.SpinCADFile.fileSavePatchAs(SpinCADFile.java:375)
at com.holycityaudio.SpinCAD.SpinCADFrame$6.actionPerformed(SpinCADFrame.java:358)
at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2022)
at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2348)
at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:402)
at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:259)
at javax.swing.AbstractButton.doClick(AbstractButton.java:376)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:833)
at com.apple.laf.AquaMenuItemUI.doClick(AquaMenuItemUI.java:157)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:877)
at java.awt.Component.processMouseEvent(Component.java:6533)
at javax.swing.JComponent.processMouseEvent(JComponent.java:3324)
at java.awt.Component.processEvent(Component.java:6298)
at java.awt.Container.processEvent(Container.java:2236)
at java.awt.Component.dispatchEventImpl(Component.java:4889)
at java.awt.Container.dispatchEventImpl(Container.java:2294)
at java.awt.Component.dispatchEvent(Component.java:4711)
at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4888)
at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4525)
at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4466)
at java.awt.Container.dispatchEventImpl(Container.java:2280)
at java.awt.Window.dispatchEventImpl(Window.java:2746)
at java.awt.Component.dispatchEvent(Component.java:4711)
at java.awt.EventQueue.dispatchEventImpl(EventQueue.java:758)
at java.awt.EventQueue.access$500(EventQueue.java:97)
at java.awt.EventQueue$3.run(EventQueue.java:709)
at java.awt.EventQueue$3.run(EventQueue.java:703)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:80)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:90)
at java.awt.EventQueue$4.run(EventQueue.java:731)
at java.awt.EventQueue$4.run(EventQueue.java:729)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:80)
at java.awt.EventQueue.dispatchEvent(EventQueue.java:728)
at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:201)
at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:116)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:105)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:101)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:93)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:82)
java.lang.NullPointerException
at com.holycityaudio.SpinCAD.SpinCADFile.fileSavePatch(SpinCADFile.java:76)
at com.holycityaudio.SpinCAD.SpinCADFile.fileSavePatchAs(SpinCADFile.java:375)
at com.holycityaudio.SpinCAD.SpinCADFrame$6.actionPerformed(SpinCADFrame.java:358)
at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:2022)
```

```

at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2348)
at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:402)
at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:259)
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at com.apple.laf.AquaMenuItemUI.doClick(AquaMenuItemUI.java:157)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:877)
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at java.awt.EventQueue.access$500(EventQueue.java:97)
at java.awt.EventQueue$3.run(EventQueue.java:709)
at java.awt.EventQueue$3.run(EventQueue.java:703)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:80)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:90)
at java.awt.EventQueue$4.run(EventQueue.java:731)
at java.awt.EventQueue$4.run(EventQueue.java:729)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:80)
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at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:116)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:105)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:101)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:93)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:82)
; -----
;----- Input
;----- Output
RDAX ADCR,1.0000000000
WRAX DACR,0.0000000000

```

Code: 2

EditResources toolbar Action Event

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Re: can't save patches (#p2946)

by **Digital Larry** » Mon Mar 13, 2017 4:42 pm

java.io.FileNotFoundException: /testsave.spcd (Permission denied)

Looks like you are trying to save a file at the root, which is locked out unless you are super user? Try saving it on the desktop or some other place where you clearly have permissions. I suppose there should be an exception handler there to catch such an issue, I just never ran into it before. Please confirm whether my suspicion is correct?

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Re: can't save patches (#p2947)

by **add4** » Tue Mar 14, 2017 1:31 am

nope, i'm sorry... i'm trying to save it on the desktop.

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Re: can't save patches (#p2948)

by **Digital Larry** » Tue Mar 14, 2017 5:20 am

OK, there's something else going on... don't know why. I have not had this problem on Windows.

```
java.lang.NullPointerException
at com.holycityaudio.SpinCAD.SpinCADFile.fileSavePatch(SpinCADFile.java:76)
```

For the time being, assuming it works, I would just use "save bank".

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Re: can't save patches (#p2951)

by **Digital Larry** » Tue Mar 14, 2017 6:14 am

SpinCAD uses the "Java Preferences API" to store things like the most-recently used file list and last folder used, etc. This uses the registry on Windows (which I'm most familiar with) and other places on Mac and Linux.

On Mac:

The preferences files generated by the Preferences API are named com.apple.java.util.prefs. The user's preferences file is stored in their home directory (~/.Library/Preferences/). The system preferences are stored in /Library/Preferences/ and are only persisted to disk if the user is an administrator.

Can you try to find the preferences and see whether there are any entries there from SpinCAD? It's possible that there's some issue that might be solved by adding a default value to start with. It's going to be really hard to debug on Mac because I'd need to set up the development environment on the Mac and all I have is a Macbook Air that my son is using half the time.

In my own use, I get an error when the most-recently used file list grows too large. At that point I go to the registry and delete the entire thing (it's not that critically important). But since you just started, it seems unlikely that this is your problem. Sure, you will say "don't save so many files then", but alas that is more code to trim the last one off the far end to make room.

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Re: can't save patches (#p2964)

by **add4** » Wed Mar 15, 2017 4:59 am

Saving banks works indeed 😊 thanks for your help

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