

is JDK 1.8 for PDI 8.2 okay?



[Christian Miksch](#) 5 posts since Dec 27, 2018

is JDK 1.8 for PDI 8.2 okay? Jan 21, 2019 9:04 AM

Hi,

I try to install PDI 8.2 on a Windows 10 with jdk-u8-192-windows, but I get IO exception errors. The script ktichen.bat doesn't work. Most of my tries kitchen.bat says the job isn't be loaded??

Which JDK was used during tests of PDI 8.2?

```
java -version
```

```
java version "1.8.0_192"
```

```
Java(TM) SE Runtime Environment (build 1.8.0_192-b12)
```

```
Java HotSpot(TM) 64-Bit Server VM (build 25.192-b12, mixed mode)
```

```
"java.exe" "-Xms1024m" "-Xmx2048m" "-XX:MaxPermSize=256m" "-Dhttps.protocols=TLSv1,TLSv1.1,TLSv1.2" "-Djava.library.path=libswt\win64" "-DKETTLE_HOME=" "-DKETTLE_REPOSITORY=" "-DKETTLE_USER=" "-DKETTLE_PASSWORD=" "-DKETTLE_PLUGIN_PACKAGES=" "-DKETTLE_LOG_SIZE_LIMIT=" "-DKETTLE_JNDI_ROOT=" -jar launcher\launcher.jar -lib ..\libswt\win64 -main org.pentaho.di.kitchen.Kitchen -initialDir "D:\pdi-ce-8.2.0.0-342\data-integration" \mikschi_jobs_01_2018\sum_of_validation.ktr
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=256m; support was removed in 8.0
```

```
java.io.IOException: invalid constant type: 18
```

```
    at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
    at javassist.bytecode.ConstPool.read(ConstPool.java:966)
    at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
    at javassist.bytecode.ClassFile.read(ClassFile.java:693)
    at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
    at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
    at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
    at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
    at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
    at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
    at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
    at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
    at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:542)
    at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
    at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
    at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
    at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
```

is JDK 1.8 for PDI 8.2 okay?

```
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
09:58:52,897 INFO [KarafBoot] Checking to see if org.pentaho.clean.karaf.cache is enabled
09:58:57,036 INFO [KarafInstance]
*****
*** Karaf Instance Number: 1 at D:\pdi-ce-8.2.0.0-342\data-integration\.\sy ***
*** stem\karaf\caches\kitchen\data-1 ***
*** FastBin Provider Port:52901 ***
*** Karaf Port:8802 ***
*** OSGI Service Port:9051 ***
*****
Jõn 21, 2019 9:58:57 AM org.apache.karaf.main.Main$KarafLockCallback lockAquired
INFORMATION: Lock acquired. Setting startlevel to 100
java.io.IOException: invalid constant type: 18
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
java.io.IOException: invalid constant type: 18
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
```

is JDK 1.8 for PDI 8.2 okay?

```
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
java.io.IOException: invalid constant type: 18
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
java.io.IOException: invalid constant type: 18
```

is JDK 1.8 for PDI 8.2 okay?

```
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
```

java.io.IOException: invalid constant type: 18

```
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
```

is JDK 1.8 for PDI 8.2 okay?

```
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
java.io.IOException: invalid constant type: 18
at javassist.bytecode.ConstPool.readOne(ConstPool.java:1023)
at javassist.bytecode.ConstPool.read(ConstPool.java:966)
at javassist.bytecode.ConstPool.<init>(ConstPool.java:127)
at javassist.bytecode.ClassFile.read(ClassFile.java:693)
at javassist.bytecode.ClassFile.<init>(ClassFile.java:85)
at org.scannotation.AnnotationDB.scanClass(AnnotationDB.java:311)
at org.scannotation.AnnotationDB.scanArchives(AnnotationDB.java:294)
at org.pentaho.di.core.plugins.JarFileCache.getAnnotationDB(JarFileCache.java:57)
at org.pentaho.di.core.plugins.BasePluginType.findAnnotatedClassFiles(BasePluginType.java:404)
at org.pentaho.di.core.plugins.BasePluginType.registerPluginJars(BasePluginType.java:699)
at org.pentaho.di.core.plugins.BasePluginType.searchPlugins(BasePluginType.java:185)
at org.pentaho.di.core.plugins.PluginRegistry.registerType(PluginRegistry.java:587)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:559)
at org.pentaho.di.core.plugins.PluginRegistry.init(PluginRegistry.java:527)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:117)
at org.pentaho.di.core.KettleClientEnvironment.init(KettleClientEnvironment.java:80)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:82)
at org.pentaho.di.kitchen.Kitchen$1.call(Kitchen.java:75)
at java.util.concurrent.FutureTask.run(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
```

2019/01/21 09:58:57 - Kitchen - Start of run.

ERROR: Kitchen can't continue because the job couldn't be loaded.

D:\pdi-ce-8.2.0.0-342\data-integration>



[Ana Gonzalez](#) 137 posts since Nov 13, 2017

Re: is JDK 1.8 for PDI 8.2 okay? Jan 21, 2019 11:33 AM

Kitchen is a tool to run jobs created with the GUI (Spoon) via script, without the need of opening a GUI tool, if you just want to test your Pentaho Data Integration installation, but you don't have a job to run, what you need is run spoon.bat to open the GUI. This opens the interface to create transformations and jobs, you can run them within spoon.

You use kitchen.bat (for jobs) and pan.bat (for transformations) to program the automatic execution of jobs and transformations you have already created and tested that worked with spoon.

Regards

is JDK 1.8 for PDI 8.2 okay?



Sergio Ribeiro 24 posts since May 4, 2018

Re: is JDK 1.8 for PDI 8.2 okay? Jan 21, 2019 5:22 PM

PDI 8.2 should work perfectly with JDK 1.8!

Having said that, and as [Ana Gonzalez](#) said, kitchen is for Jobs (.kjb) - so the "ERROR: Kitchen can't continue because the job couldn't be loaded." is expected.

What does not seems to be expected, is the "java.io.IOException: invalid constant type: 18" error.

I'd try out Spoon (as [Ana Gonzalez](#) says) and if that doesn't work:

Was this a clean installation and/or where there any errors while installing?

- Maybe install it again (in a clean folder).
- Are you sure you're using the right Java?
- Check if you're redefining through the "PENTAHO_JAVA_HOME" system variable.

Regards,

Sérgio Ribeiro

Porto - Portugal



Christian Miksch 5 posts since Dec 27, 2018

Re: is JDK 1.8 for PDI 8.2 okay? Jan 22, 2019 4:58 PM

Thank you Sergio, today I learnt PDI needs KETTLE_HOME, KETTLE_JNDI_HOME and somehow PENTAHO_JAVA_HOME, too. Furthermore it looks: spoon.bat doesn't produce this java.io.IOException error on my Windows 10 installation.

And further your hint about different use of transformations versus jobs. The error wasn't clear for me. It looks for me: Kitchen.bat and pan.bat are maintained locally eg. by me. Even when I download a fresh installation. Right?

Well, thank you!