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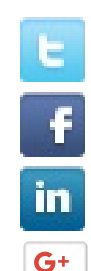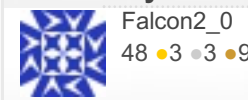
▲ 0 ▼ Error installing Minecraft on Fedora22

`fedora22`   `minecraft`

When I run the command `java -jar Minecraft.jar` I get this error

asked **May 31 '15**
Falcon2_0
48 •3 •3 •9

```
Exception in thread "main" java.awt.HeadlessException
    at java.awt.GraphicsEnvironment.checkHeadless(GraphicsEnvironment.java:207)
    at java.awt.Window.<init>(Window.java:536)
    at java.awt.Frame.<init>(Frame.java:420)
    at javax.swing.JFrame.<init>(JFrame.java:233)
    at net.minecraft.bootstrap.Bootstrap.<init>(Bootstrap.java:45)
    at net.minecraft.bootstrap.Bootstrap.main(Bootstrap.java:378)
```

and `java -version` returns

```
openjdk version "1.8.0_45"
OpenJDK Runtime Environment (build 1.8.0_45-b13)
OpenJDK 64-Bit Server VM (build 25.45-b02, mixed mode)
```

Comments

try install it:
```
su
dnf -y install libXrandr libXtst
```
davidva (**May 31 '15**)

The exception you are experiencing is described here. The problem is that Java believes you are attempting to run code which depends upon a mouse, keyboard, or display being available and one is not. One major thing to note: On the Minecraft website, it is stated: "Download Minecraft.jar (86 KB). The jar is executable and should work as-is, also please use Oracle's JVM." (https://minecraft.net/download). That said, my Fedora 21 system is using the OpenJDK just like yours and it works without issue.
bitwiseoperator (**May 31 '15**)

If you execute yum list installed java*, do you see that you have both the java-1.8.0-openjdk.x86_64 package and the java-1.8.0-openjdk-headless.x86_64 package installed? 'Cause if you have only the latter, that might be the source of the trouble.
bitwiseoperator (**May 31 '15**)

@bitwiseoperator I have my main screen turned off in settings, as half of the time it doesn't work. I think that might be why it throws the HeadlessException. I also have the openjdk headless and the regular open jdk installed.
Falcon2_0 (**May 31 '15**)

start it using java -Xms1G -Xmx1G -jar minecraft.jar nogui
RealPlayerCraft (**Jun 2 '16**)

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2 answers

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▲ 0 ▼ I fixed it. All I had to do was run `sudo dnf install java-1.8.0-openjdk-devel`

answered **May 31 '15**
Falcon2_0
48 •3 •3 •9

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▲ 2 ▼ The headless java is installed by default. You need to install the full (GUI) version:

answered **Dec 22 '15**
Gregor 🇨🇦
51 •2 •4

```
dnf install java-1.8.0-openjdk
```

The devel packages (mentioned in your answer) are not required for minecraft.

Comments   🔗 link

The java-1.8.0-openjdk package was the final resolution in my case for this error message. . Thanks so much. I only wish this tip was closer to the top :) Resolved for FC23.
KrossFaxz (**May 14 '16**)

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