

Technical Bulletin

LaneHawk Java Installation with Ubuntu Unix 10.04

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SITUATION

When following the Ubuntu 10.04 installation guide, Java does not install correctly. Ubuntu has removed the Oracle Java from its repositories, so it must be installed from the Java website.

SOLUTION

Follow the instructions below to install the correct Java version. This information will be updated in the next installation manual provided by LaneHawk.

Get JRE

- Download Java from the Java website: <http://java.com/en/download/manual.jsp>
- For 64-bit you want Linux x64 (file name ends on x64.bin). Not Linux x64 RPM (file name ends on x64-rpm.bin), because RPM is not built for Ubuntu, but for other Linux distro's. For 32-bit you want x86.bin. Note: Save the file in the folder Downloads. So in /home/your-user-name/Downloads.

Install JRE

Note: the terminal commands in this how-to possibly refer to an older version of JRE. When there's a newer version, you can simply adapt the file names in the terminal commands.

1. Open a terminal (Applications->Accessories->Terminal), and type: "cd /opt" (no quotes). Press Enter.
2. Create a new subfolder by typing: "sudo mkdir java" (no quotes).

Press Enter

Enter your password if prompted

3. Move the JRE file that you just downloaded, into this newest folder, with the following command.

"sudo mv ~/Downloads/jre-6u31-linux-x64.bin /opt/java/" (no quotes)

Press Enter

Enter password if prompted

4. Make the file executable, with the following command. "sudo chmod 755 /opt/java/jre-6u31-linux-x64.bin"

Note: the file name may be different for newer versions of Java or the x86 architecture

5. Execute the file, with the following command: "sudo ./jre-6u31-linux-x64.bin" (no quotes) Press Enter.

Agree to the license terms if prompted.

6. Now you'll need to tell the system that there's a new Java version available.

```
sudo update-alternatives --install "/usr/bin/java" "java" "/opt/java/jre1.6.0_31/bin/java" 1
```

Note: use the jre directory name appropriate for the version you just installed. If in doubt, press the tab key to auto-complete.

Note: If updating from a previous Java installation which you've removed manually, you'll need to execute the above command twice, because you'll get an error message the first time.

7. Tell the system that the new Java must be the default.

```
sudo update-alternatives --set java /opt/java/jre1.6.0_31/bin/java
```

Press Enter

