Java

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This is an installation guide for the Oracle Java SE Development Kit on Ubuntu.

Adding the PPA

First add the Oracle Java SE repository:

```
$ sudo add-apt-repository ppa:webupd8team/java
```

It will ask you to confirm adding the repository. Press enter to do so.

The output should look something like this:

```
Oracle Java (JDK) Installer (automatically downloads and installs Oracle JDK7 / JDK8 / JDK9). There are no actual Java files
in this PPA.

Important -> Why Oracle Java 7 And 6 Installers No Longer Work: http://www.webupd8.org/2017/06/why-oracle-java-7-and-6-
installers-no.html

Ubuntu 16.10 Yakkety Yak is no longer supported by Canonical (and thus, Launchpad and this PPA). The PPA supports Ubuntu
17.10, 17.04, 16.04, 14.04 and 12.04.

More info (and Ubuntu installation instructions):
- for Oracle Java 7: http://www.webupd8.org/2012/01/install-oracle-java-jdk-7-in-ubuntu-via.html
- for Oracle Java 8: http://www.webupd8.org/2012/09/install-oracle-java-8-in-ubuntu-via-ppa.html

Debian installation instructions:
- Oracle Java 7: http://www.webupd8.org/2012/06/how-to-install-oracle-java-7-in-debian.html
- Oracle Java 8: http://www.webupd8.org/2014/03/how-to-install-oracle-java-8-in-debian.html

Oracle Java 9 (for both Ubuntu and Debian): http://www.webupd8.org/2015/02/install-oracle-java-9-in-ubuntu-linux.html

Oracle JDK 9 is now considered stable. There are currently only 64bit builds (no other builds are available for download:
http://www.oracle.com/technetwork/java/javase/downloads/index.html )
 More info: https://launchpad.net/~webupd8team/+archive/ubuntu/java
Press [ENTER] to continue or ctrl-c to cancel adding it
```

```
gpg: keyring `/tmp/tmpe1pjq_vf/secring.gpg' created
gpg: keyring `/tmp/tmpe1pjq_vf/pubring.gpg' created
gpg: requesting key EEA14886 from hkp server keyserver.ubuntu.com
gpg: /tmp/tmpe1pjq_vf/trustdb.gpg: trustdb created
gpg: key EEA14886: public key "Launchpad VLC" imported
gpg: no ultimately trusted keys found
gpg: Total number processed: 1
gpg:               imported: 1  (RSA: 1)
OK
```

Then update the package list:

```
$ sudo apt-get update
```

Install Java SE Development Kit 9

Install the Oracle Java SE Development Kit 9 (JDK 9) using the package manager:

```
$ sudo apt install oracle-java9-installer
```

Type y and enter to confirm.

You have to agree to the license agreement.

```
┤ Configuring oracle-java9-installer ├
Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX


You MUST agree to the license available in http://java.com/license if you want to use
Oracle JDK.

                                  <Ok>
```

```
|                                                              |
|                                                              |
```

Press enter to agree.

Then accept the license terms as well. Use the left arrow key to select `<Yes>` and hit enter.

```
                        ┤ Configuring oracle-java9-installer ├
    In order to install this package, you must accept the license terms, the "Oracle Binary
    Code License Agreement for the Java SE Platform Products and JavaFX ". Not accepting will
    cancel the installation.

    Do you accept the Oracle Binary Code license terms?

                        <Yes>                            <No>
```

Set Oracle Java as default

If you have multiple versions of Java installed, you can use the following command to set the Oracle JDK 9 as the default.

```
$  sudo apt install oracle-java9-set-default
```