

# 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/tmpelpjq_vf/secring.gpg' created
gpg: keyring `/tmp/tmpelpjq_vf/pubring.gpg' created
gpg: requesting key EEA14886 from hkp server keyserver.ubuntu.com
gpg: /tmp/tmpelpjq_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
```

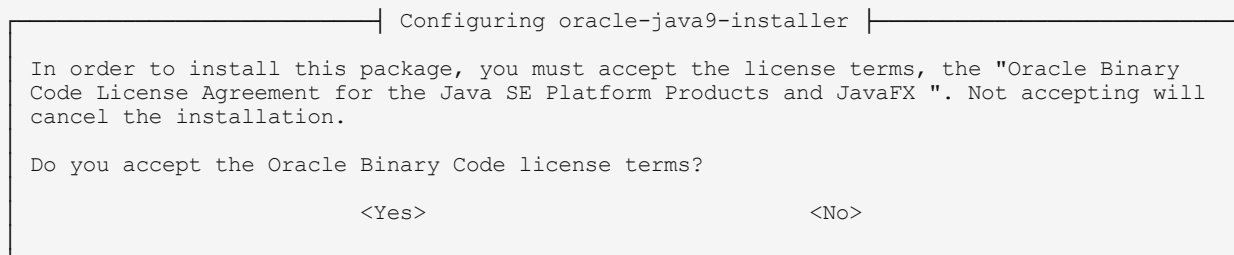
Type **y** and enter to confirm.

You have to agree to the license agreement.



Press enter to agree.

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



## 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
```