

# Install Oracle Java 7 in Ubuntu via PPA Repository

<http://www.webupd8.org/2012/01/install-oracle-java-jdk-7-in-ubuntu-via.html>

We've previously written about installing Oracle JDK 7 in Ubuntu using a script with a GUI provided by Zenity. Some may find this method hard to use and also, it comes with GTK dependencies. So as an alternative that doesn't have any GTK dependencies and comes with automatic updates too, I've set up an Ubuntu PPA for the latest Oracle Java 7 (JDK). The PPA should work not only with Ubuntu but also Linux Mint and other Ubuntu-based Linux distributions.

If you really need to use Oracle (ex Sun) Java instead of OpenJDK in Ubuntu, here's an easy way to do it: **a PPA repository to install and keep your computer up to date with the latest Oracle Java 7 (Java JDK which includes JRE).**

**Oracle JDK7 itself is not hosted in the PPA** because that's not allowed by the new Java license (which is also the reason why it has been removed from the official Ubuntu repositories); **the package in the PPA automatically downloads Oracle Java JDK 7 from its official website and installs it on your Ubuntu / Linux Mint computer**, just like the flashplugin-installer package does.

Please note that this package is currently in alpha and is offered without any guarantees, so it may or may not work! Use it at your own risk! The package should support proxies just like the flashplugin-installer does, but it may fail if your ISP or router blocks some non-standard ports because Oracle uses quite a few redirects for the Java 7 binary download links. If the download fails because of blocked ports or because you're behind a firewall, use the manual Oracle Java 7 installation method (link in the beginning of the post).

**Update: our Oracle Java 7 installer now supports ARM. Oracle Java 7 supports ARM v6/v7 Hard Float and Soft Float ABI.**

## Install Oracle Java 7 in Ubuntu or Linux Mint via PPA

This package provides Oracle Java JDK 7 (which includes Java JDK, JRE and the Java browser plugin). However, you can't only install Oracle JRE - the PPA only provides the full Oracle JDK7 package.

**To add our PPA and install the latest Oracle Java 7 in Ubuntu (supports Ubuntu 13.10, 13.04, 12.10, 12.04 and 10.04) or Linux Mint, use the commands below:**

```
Linux terminal : ~$  
  
sudo add-apt-repository ppa:webupd8team/java  
sudo apt-get update  
sudo apt-get install oracle-java7-installer
```

After the installation finishes, if you wish to see if it was successful, you can run the following command:

```
Linux terminal : ~$  
  
java -version
```

It should return something like this:

```
Code <#>  
  
java version "1.7.0_10"  
Java(TM) SE Runtime Environment (build 1.7.0_10-b18)  
Java HotSpot(TM) 64-Bit Server VM (build 23.6-b04, mixed mode)
```

The package installs all the Java binaries, so you can also try "javac -version" which should return "javac 1.7.0\_10" and so on (the "\_10" part of the version can be different because I'm constantly updating the PPA with the latest Oracle Java 7 version). **The current JDK version in the PPA is Oracle Java 7 Update 10 (7u10).**

If for some reason, the Java version in use is not 1.7.0, you can try to run the following command:

```
Linux terminal : ~$  
sudo update-java-alternatives -s java-7-oracle
```

**Update:** the installer now requires you accept the Oracle license before the installation begins. This is only required once. If for some reason you need the installation to be automated, you can run the following command to automatically accept the Oracle license:

```
Linux terminal : ~$  
sudo echo oracle-java7-installer shared/accepted-oracle-license-v1-1 select  
true | sudo /usr/bin/debconf-set-selections
```

## Setting Java environment variables

To automatically set up the Java 7 environment variables, you can install the following package:

```
Linux terminal : ~$  
sudo apt-get install oracle-java7-set-default
```

If you've already installed oracle-java6-set-default or oracle-java8-set-default, they will be automatically removed when installing oracle-java7-set-default (and the environment variables will be set for Oracle Java 7 instead).

## Removing Oracle Java 7

If you don't want to use Oracle Java (JDK) 7 anymore on your Ubuntu / Linux Mint computer and want to go back to OpenJDK, all you have to do is remove the Oracle JDK7 Installer and the previous Java (OpenJDK, etc.) version will be used:

```
Linux terminal : ~$  
sudo apt-get remove oracle-java7-installer
```

Update: for **Debian**, see: [How To Install Oracle Java 7 In Debian Via Repository](#)

# Install the Verdana and Tahoma fonts under Ubuntu Linux

Verdana and Tahoma are **not included** in a vanilla Ubuntu installation. You should have these fonts because many designers consider them to be universally available:

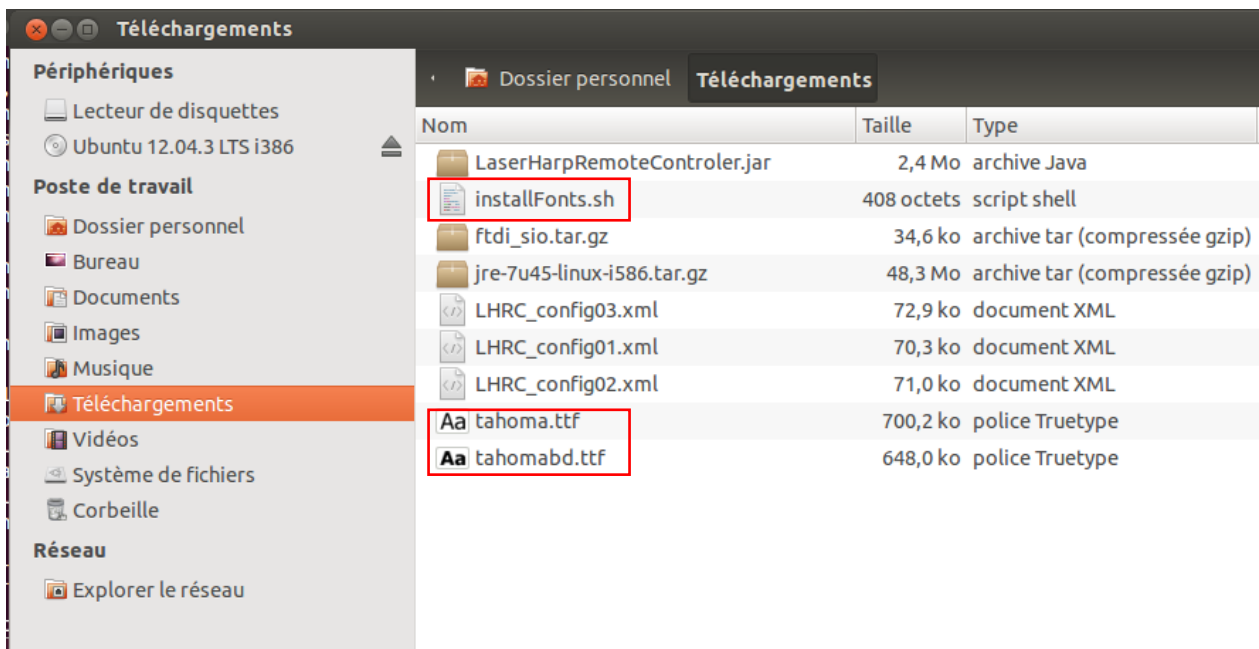
```
sudo apt-get install ttf-mscorefonts-installer
```

```
sudo apt-get install ttf-mscorefonts-installer
```

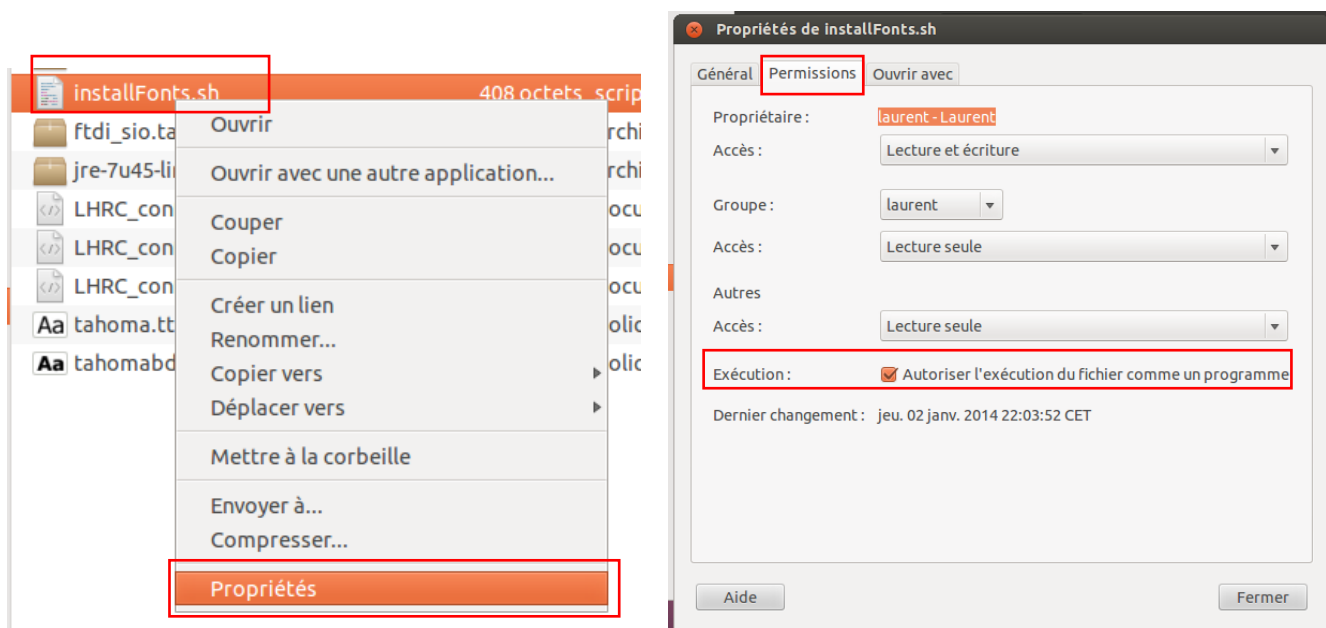
## Patch to install Tahoma font

Download files into a custom folder :

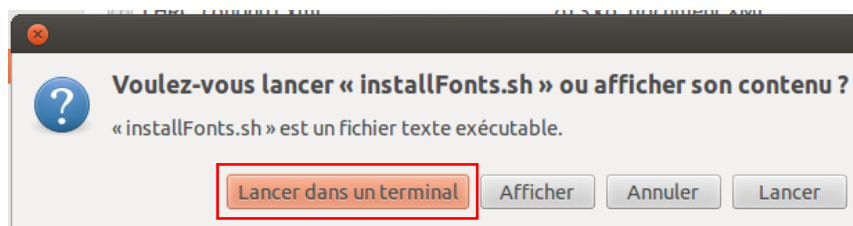
- installFonts.sh
- tahoma.ttf
- tahomabd.ttf



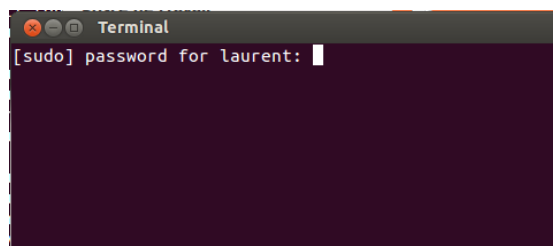
Right click on file **installFonts.sh** to make it executable by going into its **Properties** :



Double-click on file **installFonts.sh** to run it and select « **Run in a terminal** » :



When the terminal opens, type in your password :



Fonts are installed !

## Run LHRC application

Right click on file **LaserHarpRemoteControler.jar** and choose « **Open with Oracle Java 7 Runtime** »

