

Prerequisites

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For most of my labworks, I assume that you have a well configured environment.

If you want to work with your own computer, I give hereafter the instructions to prepare your environment, assuming that you have a Linux system. This can also work for a Linux in a Windows system or on a MacOS, but I'm not sure of that and I cannot provide support for any OS.

I assume that you are using a bash command shell.

In your home directory, create an "install" directory where we will install the binaries we will use.

```
cd
mkdir install
```

Download the software (vscode, java) in that directory.

```
cd install
wget https://sd-160040.dedibox.fr/hagimont/software/jdk-8u202-linux-x64.tar.gz
wget https://sd-160040.dedibox.fr/hagimont/software/code-stable-x64-1726078107.tar.gz
```

Decompress the downloaded archives.

```
tar xzf jdk-8u202-linux-x64.tar.gz
tar xzf code-stable-x64-1726078107.tar.gz
```

Update your .bashrc file in you home directory.

```
cd
gedit .bashrc
```

Add the following lines at the end of the .bashrc file.

```
export JAVA_HOME=$HOME/install/jdk1.8.0_202
export PATH=$JAVA_HOME/bin:$PATH
export PATH=$HOME/install/VSCode-linux-x64/bin:$PATH
```

Save the .bashrc file.

Then, you can check everything is working properly.

Open a new terminal (the .bashrc file is taken into account only in a new terminal).

```
java -version
# it should print : java version "1.8.0_202"
code &
# it should open vscode
```

You can then add in vscode the Extension Pack for Java.

```
Extension Marketplace (in the left column)
Search for Java
Install Extension Pack for Java
```