

Exercice 2 :

1. Installation de scala sur Linux dans un environnement hors ligne se fait de la manière suivante :

2. Les options disponibles quand on tape la commande scala -help

```
brice@wambdevps:~$ scala -help
Usage: scala <options> [<script|class|object|jar> <arguments>]
      or  scala -help

All options to scalac (see scalac -help) are also allowed.

The first given argument other than options to scala designates
what to run.  Runnable targets are:

- a file containing scala source
- the name of a compiled class
- a runnable jar file with a valid Main-Class attribute
- or if no argument is given, the repl (interactive shell) is started

Options to scala which reach the java runtime:

-Dname=prop    passed directly to java to set system properties
-J<arg>        -J is stripped and <arg> passed to java as-is
-nobootcp      do not put the scala jars on the boot classpath (slower)

Other startup options:

-howtorun      what to run <script|object|jar|guess> (default: guess)
-i <file>      preload <file> before starting the repl
-I <file>      preload <file>, enforcing line-by-line interpretation
-e <string>     execute <string> as if entered in the repl
-save          save the compiled script in a jar for future use
-nc           no compilation daemon: do not use the fsc offline compiler

A file argument will be run as a scala script unless it contains only
self-contained compilation units (classes and objects) and exactly one
runnable main method.  In that case the file will be compiled and the
main method invoked.  This provides a bridge between scripts and standard
scala source.
```

3. Installons plusieurs versions de scala sur notre système :

J'ai installé deux versions de scala à savoir :

-version 2.11.12

```
brice@wambdevps:~$ scala -version
Scala code runner version 2.11.12 -- Copyright 2002-2017, LAMP/EPFL
```

-version 3.2.0

```
brice@wambdevps:~$ sdk install scala  
  
Downloading: scala 3.2.0  
  
In progress...  
  
#####  
  
Installing: scala 3.2.0  
Done installing!  
  
Setting scala 3.2.0 as default.
```

Conclusion

Après recherche nous constatons qu'il n'y a pas de problèmes

4. les dernières versions de scala disponibles sur le site Web :

Versions actuelles :

- Version 3.2.x actuelle : 3.2.0 Sortie le 5 septembre 2022
- Version 2.13.x actuelle : 2.13.10 Sortie le 13 octobre 2022