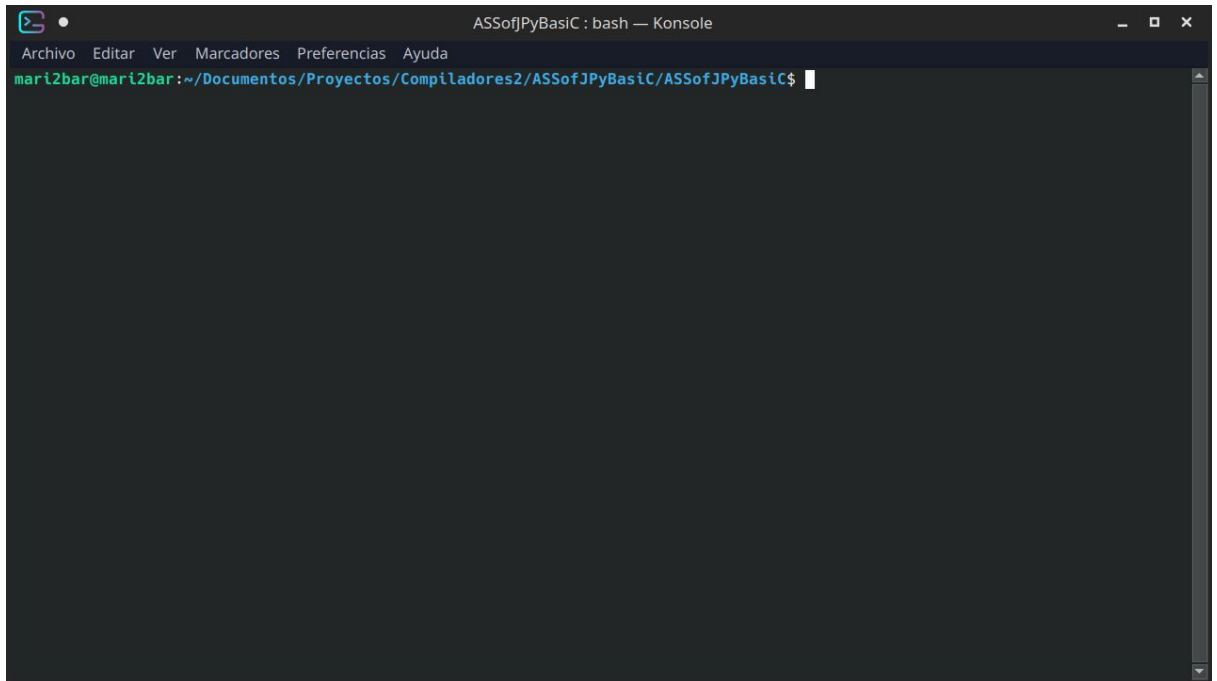


Manual de Instalación

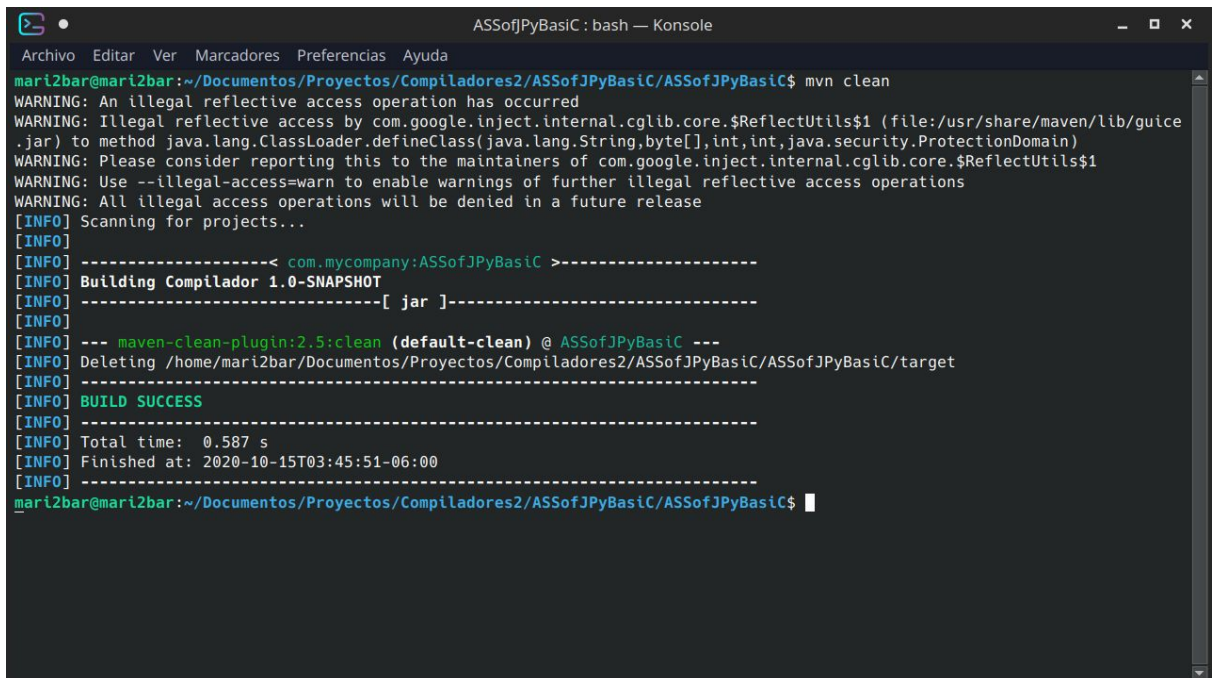
Instalación

- Instalación del programa ASsofJPyBasiC, basado en 4 lenguajes que son Java, Python, Visual Basic y C, como base del programa principal, así crear el código 3 direcciones del archivo a buscar.
1. Abrir la carpeta del proyecto, en esa carpeta se encontrará el pom.xml, en este momento abrirá una terminal en esa locación.



```
ASsofJPyBasiC : bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASsofJPyBasiC/ASsofJPyBasiC$
```

2. En esta terminal escribir el comando “mvn clean”



```
ASsofJPyBasiC : bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASsofJPyBasiC/ASsofJPyBasiC$ mvn clean
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO] -----< com.mycompany:ASsofJPyBasiC >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ ASsofJPyBasiC ---
[INFO] Deleting /home/mari2bar/Documentos/Proyectos/Compiladores2/ASsofJPyBasiC/ASsofJPyBasiC/target
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 0.587 s
[INFO] Finished at: 2020-10-15T03:45:51-06:00
[INFO] -----
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASsofJPyBasiC/ASsofJPyBasiC$
```

3. Escribir el comando “mvn compile”

```
ASofJPyBasic: bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$ mvn compile
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.mycompany:ASofJPyBasic >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ ASofJPyBasic ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ ASofJPyBasic ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 88 source files to /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/target/classes
[WARNING] /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/src/main/java/com/mycompany/asofjpybasic/backend/semantica/programa/ProgramaSemantica.java: Some input files use or override a deprecated API.
[WARNING] /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/src/main/java/com/mycompany/asofjpybasic/backend/semantica/programa/ProgramaSemantica.java: Recompile with -Xlint:deprecation for details.
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 10.392 s
[INFO] Finished at: 2020-10-15T03:46:28-06:00
[INFO]
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$
```

4. Escribir el comando “mvn test-compile”

```
ASofJPyBasic: bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$ mvn test-compile
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.mycompany:ASofJPyBasic >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ ASofJPyBasic ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ ASofJPyBasic ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ ASofJPyBasic ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mari2bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ ASofJPyBasic ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.603 s
[INFO] Finished at: 2020-10-15T03:47:22-06:00
[INFO]
mari2bar@mari2bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$
```

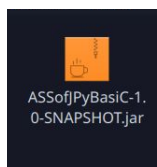
5. Escribir el comando “mvn test”

```
ASoSfJPyBasiC : bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC$ mvn test
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.mycompany:ASoSfJPyBasiC >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ ASoSfJPyBasiC ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ ASoSfJPyBasiC ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ ASoSfJPyBasiC ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ ASoSfJPyBasiC ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ ASoSfJPyBasiC ---
[INFO] No tests to run.
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.454 s
[INFO] Finished at: 2020-10-15T03:48:10-06:00
[INFO]
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC$
```

6. Y para finalizar escribir el comando “mvn install”

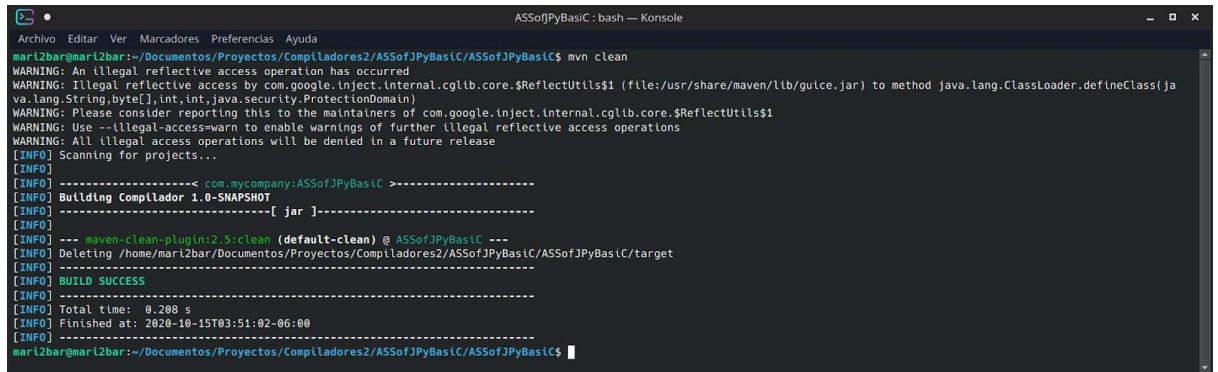
```
ASoSfJPyBasiC : bash — Konsole
Archivo Editar Ver Marcadores Preferencias Ayuda
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC$ mvn install
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.mycompany:ASoSfJPyBasiC >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ ASoSfJPyBasiC ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ ASoSfJPyBasiC ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ ASoSfJPyBasiC ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ ASoSfJPyBasiC ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ ASoSfJPyBasiC ---
[INFO] No tests to run.
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ ASoSfJPyBasiC ---
[INFO] Building jar: /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/target/ASoSfJPyBasiC-1.0-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ ASoSfJPyBasiC ---
[INFO] Installing /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/target/ASoSfJPyBasiC-1.0-SNAPSHOT.jar to /home/mar12bar/.m2/repository/com/mycompany/ASoSfJPyBasiC/1.0-SNAPSHOT/ASoSfJPyBasiC-1.0-SNAPSHOT.jar
[INFO] Installing /home/mar12bar/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC/pom.xml to /home/mar12bar/.m2/repository/com/mycompany/ASoSfJPyBasiC/1.0-SNAPSHOT/ASoSfJPyBasiC-1.0-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.981 s
[INFO] Finished at: 2020-10-15T03:49:01-06:00
[INFO]
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASoSfJPyBasiC/ASoSfJPyBasiC$
```

7. Esto lo que hace es crear un archivo jar en la carpeta target. Este jar es el “ejecutable”, el cual solo debe clicar para que se cree.



Desinstalación:

1. Abrir la carpeta del proyecto, en esa carpeta se encontrará el pom.xml, en este momento abrirá una terminal en esa locación.
2. En esta terminal escribir el comando "mvn clean"



```
ASofJPyBasic: bash — Konsole
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$ mvn clean
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.inject.internal.cglib.core.$ReflectUtils$1 (file:/usr/share/maven/lib/guice.jar) to method java.lang.ClassLoader.defineClass(ja
va.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of com.google.inject.internal.cglib.core.$ReflectUtils$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
[INFO] Scanning for projects...
[INFO] -----< com.mycompany:ASofJPyBasic >-----
[INFO] Building Compilador 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ ASofJPyBasic ---
[INFO] Deleting /home/mar12bar/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic/target
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.208 s
[INFO] Finished at: 2020-10-15T03:51:02-06:00
[INFO]
mar12bar@mar12bar:~/Documentos/Proyectos/Compiladores2/ASofJPyBasic/ASofJPyBasic$
```

3. Eliminar la carpeta ASofJPyBasic