

This document gathers the actions to set up the HASH generator for the modules "mi carro es tu carro".

Frist time

To use the software you must have java installed on your machine.

Installation

```
~$ sudo dnf install java-11-openjdk
```

Execution

```
~$ java SHAHash
```

Exemple of use

Hash simple

```
~$ java SHAHash "hes"  
Hashed text:  
19dd4469b2fc7b78eca66ab48dcfb52654842866c6587d5e01a67845e41c53466ce5851ecd8  
09c52b906976530a8637ed857dc301c8b24a221cbec0f8155a16c , len 128  
~$
```

Hash with domain

```
~$ java SHAHash "hes" "f"  
Hashed text:  
4d385ee3b33c37ba8e317f071d432a19ce53cdad9679c3059266888b96bb891503236acc65e  
09736f1f3cee6222b75b4dcd0b852b0312d0e8a83465324b78f27 , len 128  
~$
```

Exemple with MAC address

```
~$ java SHAHash "4A:E5:FF:A7:25:9F"  
Hashed text:  
588d80d54a9c0af7cc5f034e013d17732221a5d583bc5812e21b62d7299c98660080c9910bf  
62385d5e89d486a2622157db777078576f94f5a17d0098e1a4968, len 128  
~$
```

Install from source

To run the program from the .java file, you must have the development version.

Installation

```
~$ sudo dnf install java-11-openjdk-devel
```

Execution

```
~$ javac SHAHash.java
```

```
~$ java SHAHash
```

```
Need an argument. aboard.
```

```
Try 'cat --help' for more information.
```