DOCoMETRe - Installation

Frank BULOUP - frank.buloup@univ-amu.fr

Aix Marseille Université
Institut des Sciences du Mouvement

Check these key points

- Is proper Java version installed ?
- Is desired hardware available ?
- Corresponding Software installed ?

Then just follow one or more of theses steps

- Install Java
- Install and configure desired Hardware
- Install DOCoMETRe

How to check if Java is installed ?

```
○                           ⚘ frank — -bash — 83×8

Last login: Mon Jun 21 08:38:15 on console
mbp-de-frank:~ frank$ java -version
java version "11.0.10" 2021-01-19 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.10+8-LTS-162)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.10+8-LTS-162, mixed mode)
mbp-de-frank:~ frank$ █
```

Also useful to see which version is installed

Do I need to install Java ?

If Java command is not recognized or if version is less than 21 :
You must install Java (again) !

In this screenshot, we check Java version is at least 11
Please update information to the latest needed JRE release

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Pick a Java distribution

Select one of these distros and follow installation instructions

- **AdoptOpenJDK**
- **Azul Zulu OpenJDK**
- **Amazon Coretto**
- **Liberica OpenJDK**
- **Oracle Java SE***

Java Version Alert

Pick at least Java 21 Version
Prefer a Long Term Support Java Runtime Environment
*Prefer Oracle Java SE as it is used for dev. and debug

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Check Java Version

Once installation has finished : check Java Version !

○ ⌂ frank — -bash — 83×8

```
Last login: Mon Jun 21 08:38:15 on console
mbp-de-frank:~ frank$ java -version
java version "11.0.10" 2021-01-19 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.10+8-LTS-162)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.10+8-LTS-162, mixed mode)
mbp-de-frank:~ frank$ 
```

Just to be sure Java has been properly installed !

In this screenshot, we check Java version is at least 11
Please update information to the latest needed JRE release

Available Hardware

- ADWin Pro I and II
- ADwin Gold I and II
- Arduino Uno R3, R4 with support for ADS1115 (ADC 15bits)

Planned Hardware

- Enhanced Arduino Uno with DAC 12bits
- Teensy 4
- Portenta Machine Control

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How to install ADWin ?

Overall Steps

- Download Software
- Install Software
- Configure Hardware

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How to install ADWin ?

Steps to install Software

- Follow this link to download **Software**
- Uncompress downloaded Zip file
- Execute Setup.exe installer

Your platform is MacOS or Linux ?

In this case, there are two alternatives :

- Use WineHQ for OSX prior to 10.15
- Use Docker Desktop for any OSX or Linux version

Please check DOCoMETRe help in
Special topics of the table of contents

Steps to configure Hardware

- Run ADConfig.exe program
- Configure Compiler in ADBasic.exe Program

Hint

Remember there is online help in both programs !

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How to install Arduino Uno ?

Two Steps

- Download Software from **Arduino**
- Install Software : simply uncompress downloaded file

**Please choose Legacy IDE or CLI version
Put uncompressed file in a folder
where you have all rights**

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How to install DOCoMETRe ?

Two Steps

- Download Software from **here**
- Install Software : simply uncompress downloaded file

**Put uncompressed file in a folder
where you have all rights**

MacOSX Only

If you get this kind of message the first time you start the application : **"« DOCoMETRe » is damaged and can't be opened. You should move it to the Trash."**, please follow this **link** for a short tutorial on how to solve this problem.