

github-actions-Seminar 2024

Software to Use

OS

Linux, MacOS or WSL2 (Windows Subsystem for Linux)

docker / docker desktop

We recommend to install docker or docker-desktop (includes docker)

- docker engine (mandatory)

MacOS: `brew install docker`

[Installation for all OS](#)

- docker desktop (facultative)

MacOS: `brew install --cask docker`

[Linux](#)

[Windows](#)

maven

- MacOS: `brew install maven`
- [Windows](#)
- Linux: maven is installed, but not maybe not the newest

Java

- We recommend [Temurin](#)

git

- [Downloads](#)

IDE

We use (mainly) IntelliJ IDEA Ultimate, but you can also use Visual Studio Code or any other java-editor.

- We recommend to install first [JetBrains Toolbox App](#) for easy install

MacOS: `brew install --cask jetbrains-toolbox`

- In the toolbox install [IntelliJ IDEA Ultimate](#)

[Get your free JetBrains license application form](#)

- Visual Studio Code

[Visual Studio Code](#)

Minikube

- Minikube is available in "docker desktop" and can be activated.
- Minikube can also installed independently of "docker desktop".

[Instructions for installation](#)

kubectl



You can wait for the seminar - we will install it together.

- Used for the communication with Minikube (and later on with the cloud).
- [Install kubectl](#)
- It is highly recommended to install autocompletion für kubectl.

[kubectl autocomplete for zsh](#)