

Installatie Android Studio en Git

Graduaten programmeren

Werken met GIT – Java Mobile

Versie 1.0, 14/09/2021



UC Leuven
Limburg
MOVING MINDS



Agenda

- Software te downloaden en te installeren
- Installatie Android Studio
 - Windows
 - Mac
- Android eerste opstart
- Installatie GIT
- Controle GIT installatie



Download Android Studio 2021.2.x

- Zoek op Google naar Android Studio of navigeer naar <https://developer.android.com/studio>
 - Roughly 910 Mbyte (installer itself will download another 1.6 GByte)
 - System requirements:

Windows

- Microsoft® Windows® 7/8/10 (64-bit)
- 4 GB RAM minimum, 8 GB RAM recommended
- 2 GB of available disk space minimum,
4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Mac

- Mac® OS X® 10.10 (Yosemite) or higher, up to 10.14 (macOS Mojave)
- 4 GB RAM minimum, 8 GB RAM recommended
- 2 GB of available disk space minimum,
4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Linux

- GNOME or KDE desktop
Tested on gLinux based on Debian.
- 64-bit distribution capable of running 32-bit applications
- GNU C Library (glibc) 2.19 or later
- 4 GB RAM minimum, 8 GB RAM recommended
- 2 GB of available disk space minimum,
4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution



Download - GIT

- Size
 - Roughly 50 Mbyte
- 32 bit of 64 bit versie
- Windows
 - <https://git-scm.com/download/windows>
- Mac
 - <https://git-scm.com/download/mac>
- Linux en andere Unix systemen
 - <https://git-scm.com/download/linux>



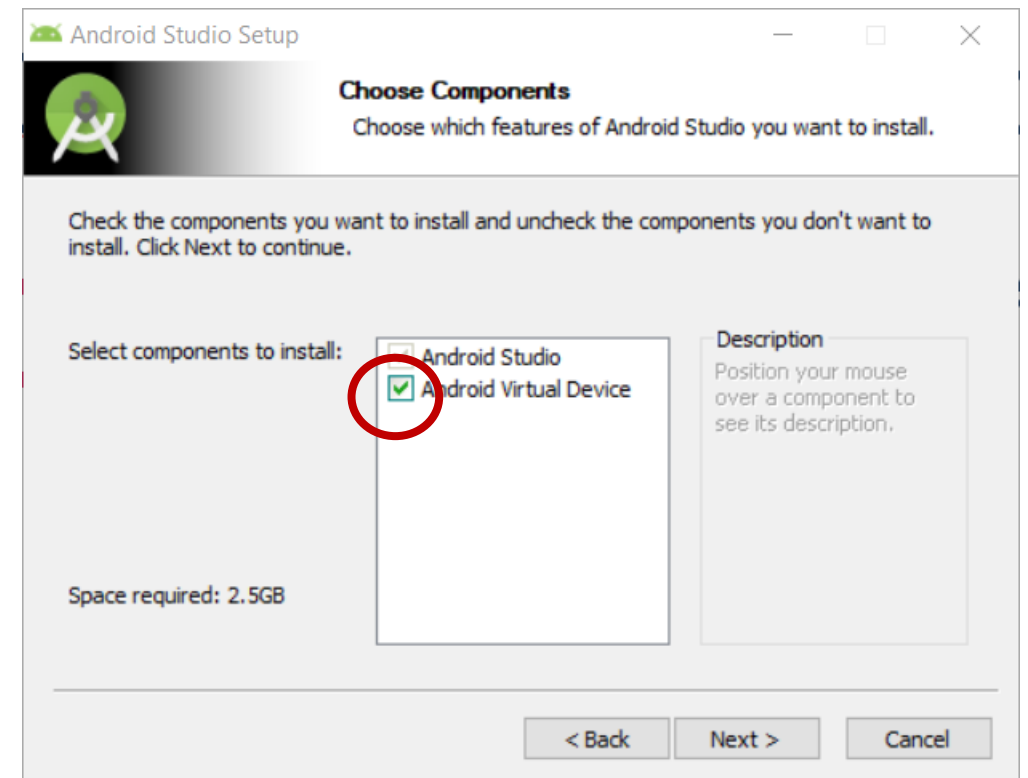
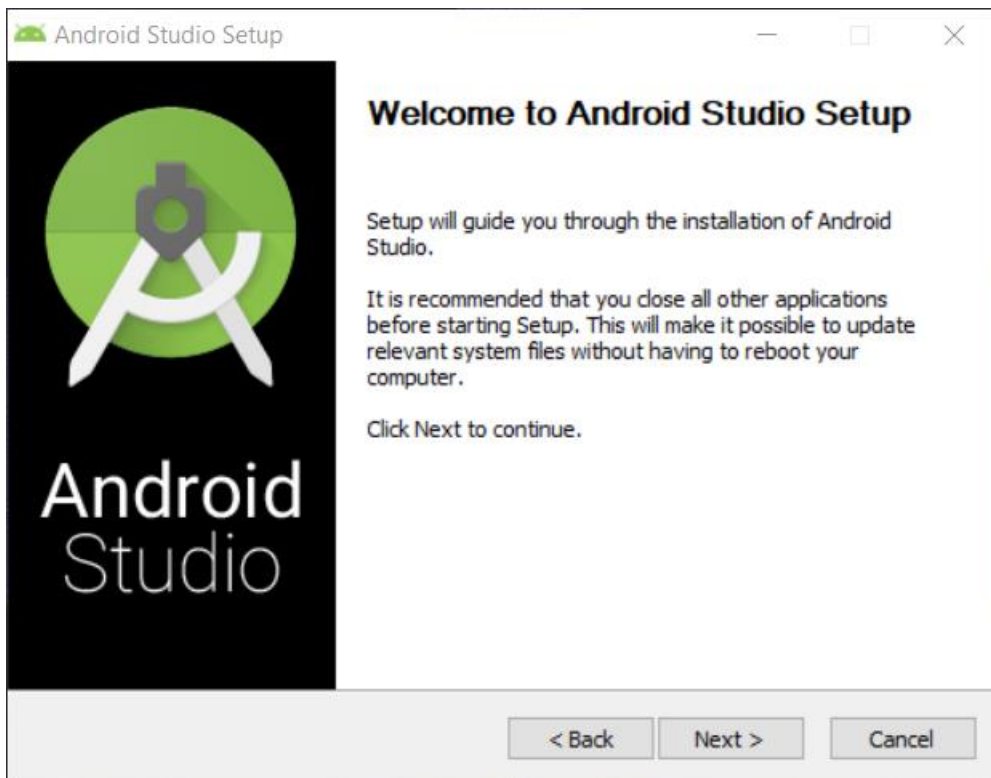
Install Android Studio (Windows)

- Indien je nog een 'oude' versie hebt van Android Studio probeer die NIET bij te werken
 - Gelieve de oude versie en alle bijhorende zaken zoals SDK's en AVD's volledig te uninstallen.
 - En laptop/computer herstarten



Install Android Studio (Windows)

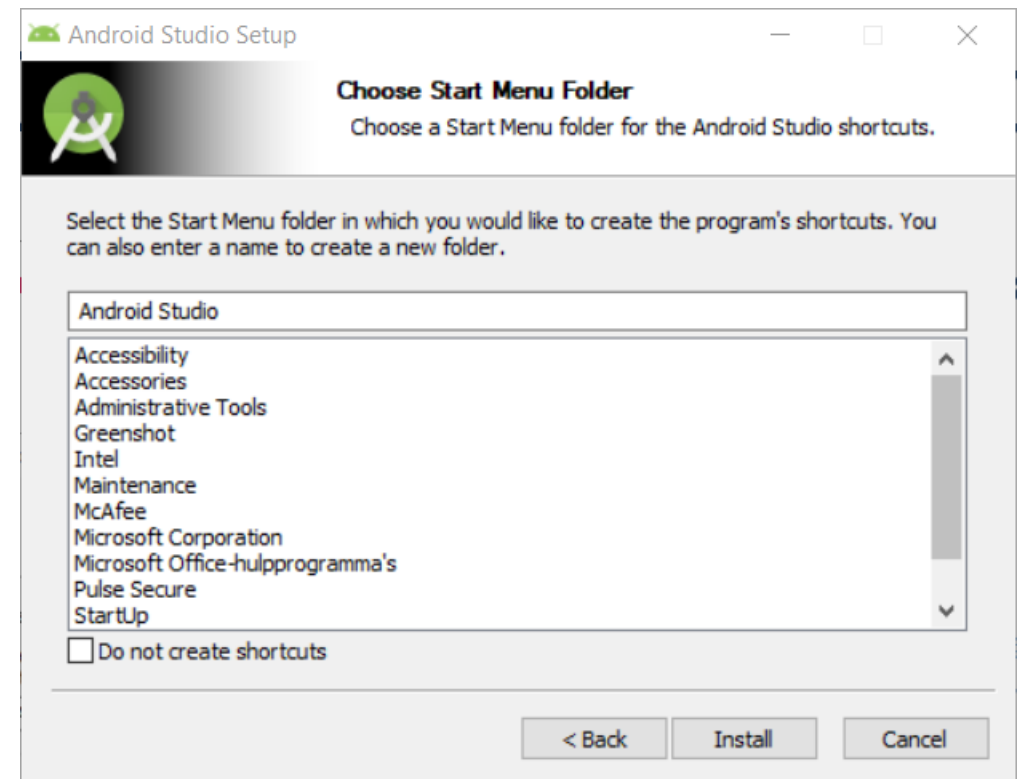
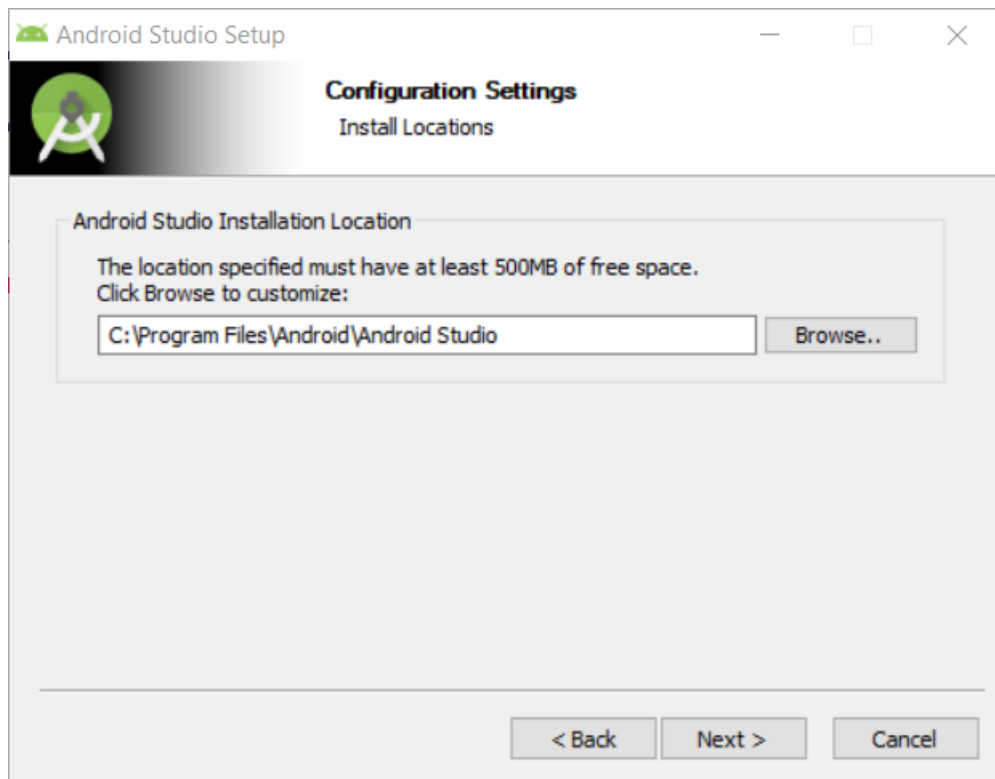
- Op Windows, Select de installer en "Run as Administrator"
- Behoud de aangevinkte "Android Virtual Device"





Install Android Studio (Windows)

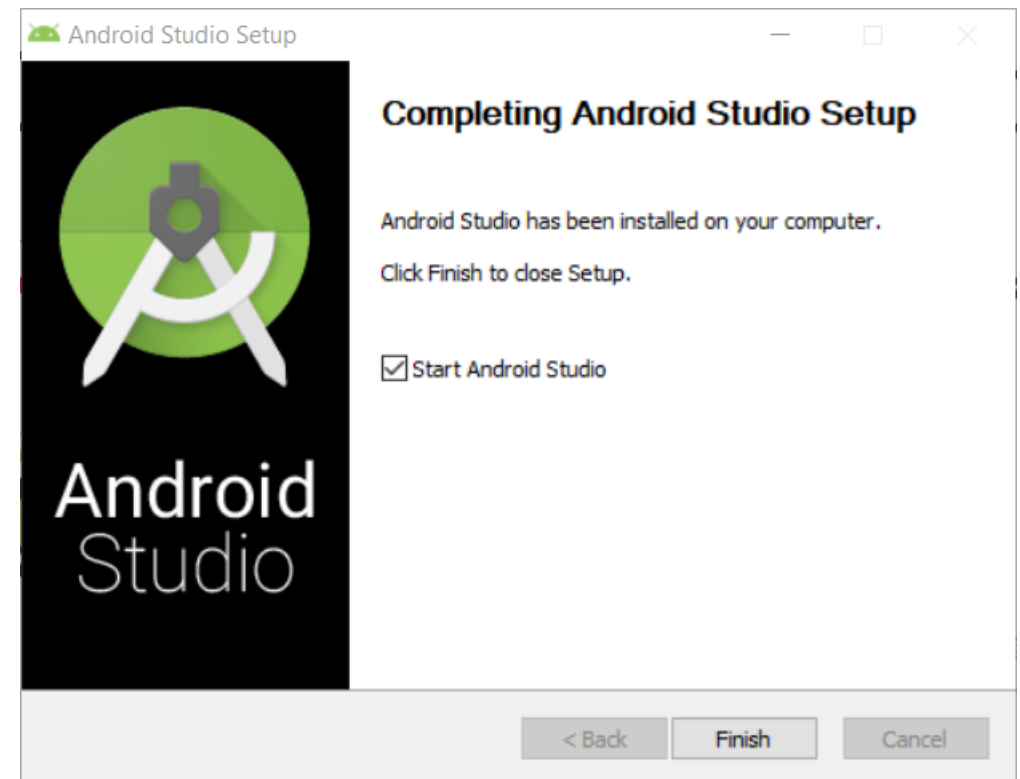
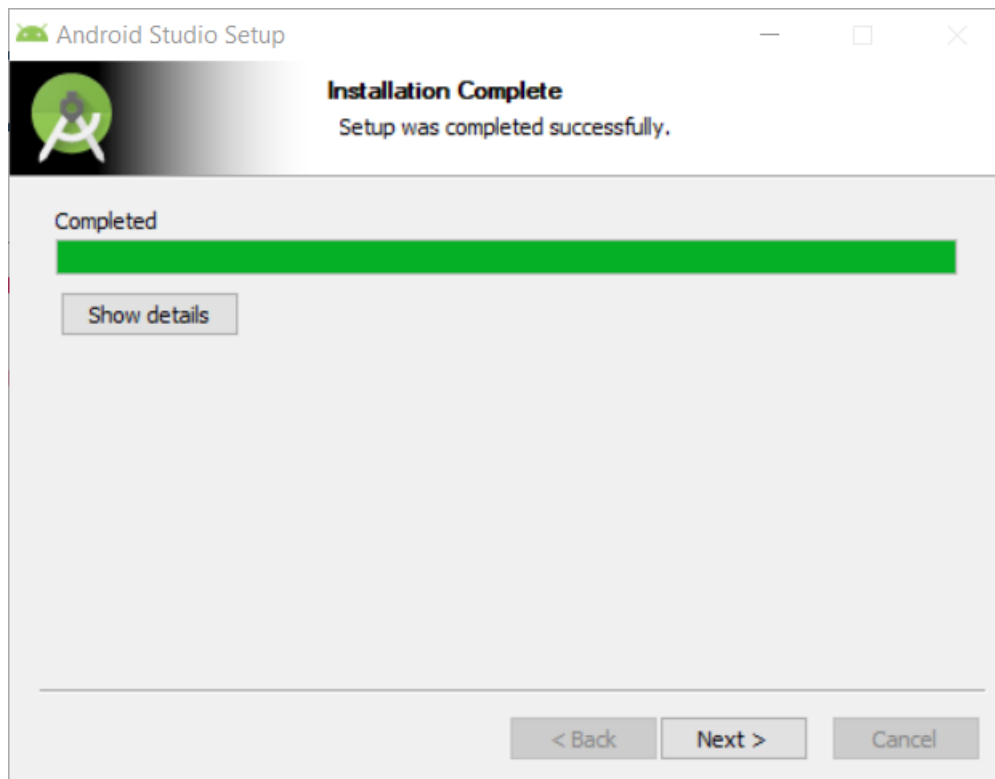
- Behoud default installatie directory of kies er een naar uw voorkeur.





Install Android Studio (Windows)

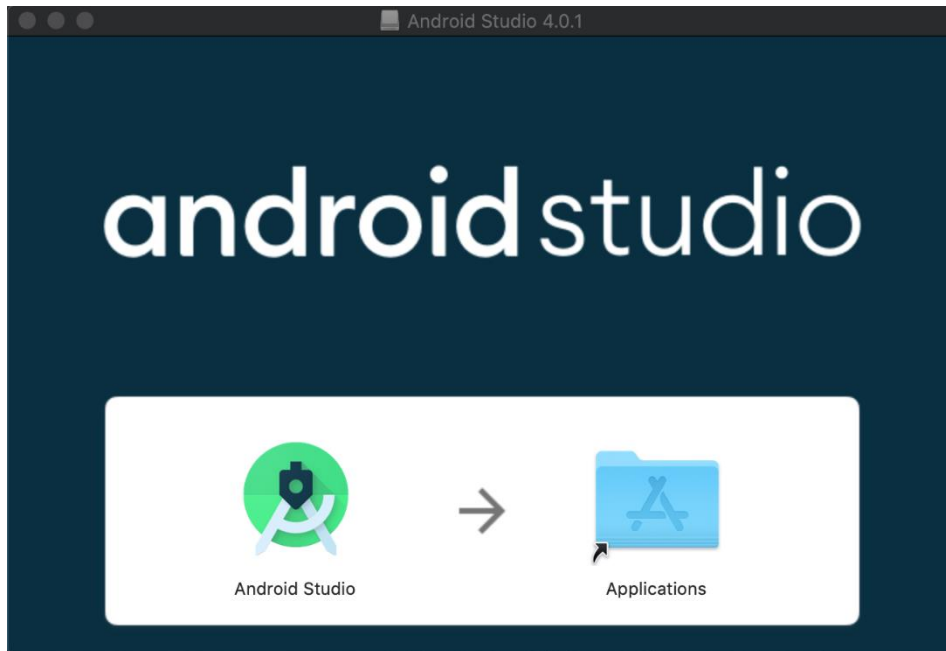
- 5 minuten later:





Install Android Studio (Mac)

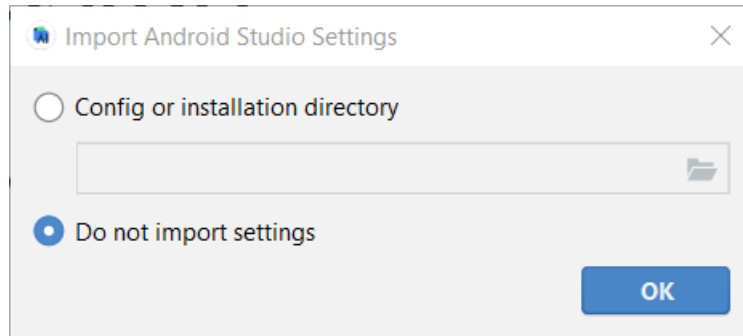
- Op Mac installeer het gedownloade bestand



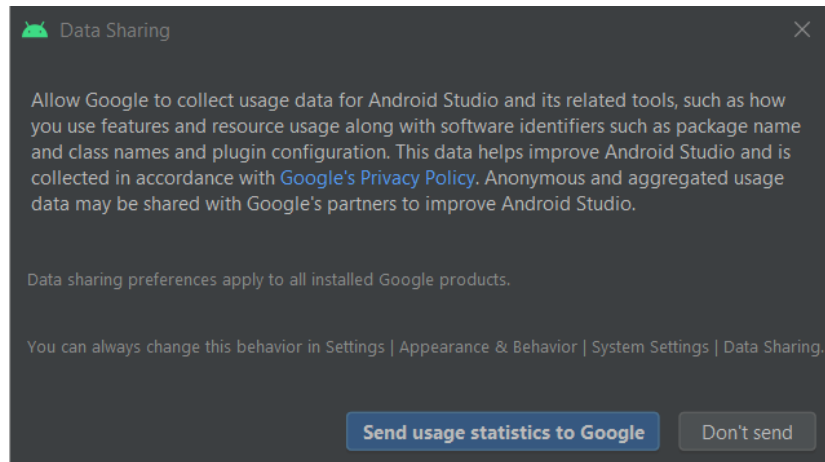


Android Studio eerste opstart

- Optioneel kan je dit zien. Selecteer 'Do not import settings'

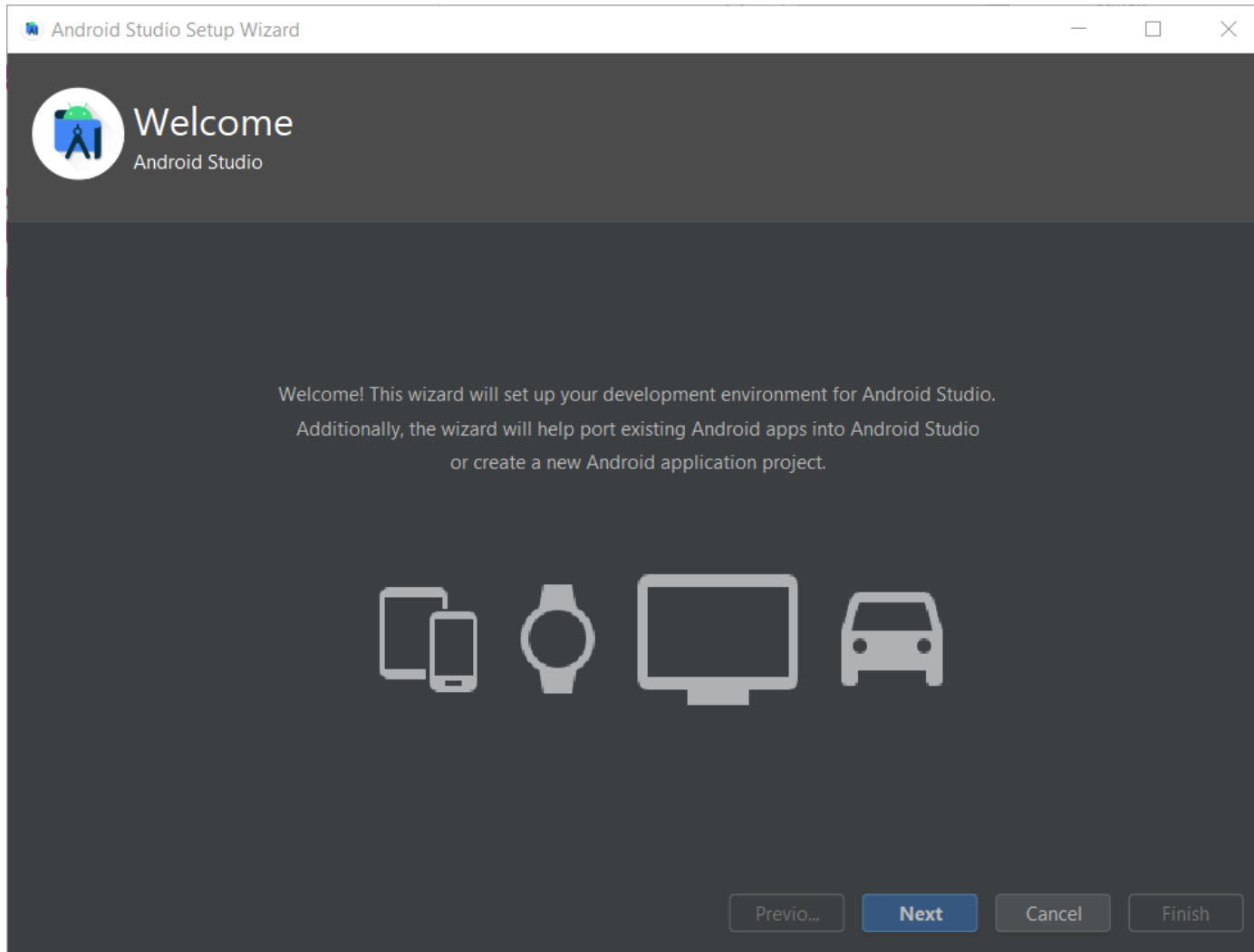


- Nog een optioneel venster. Select as you like





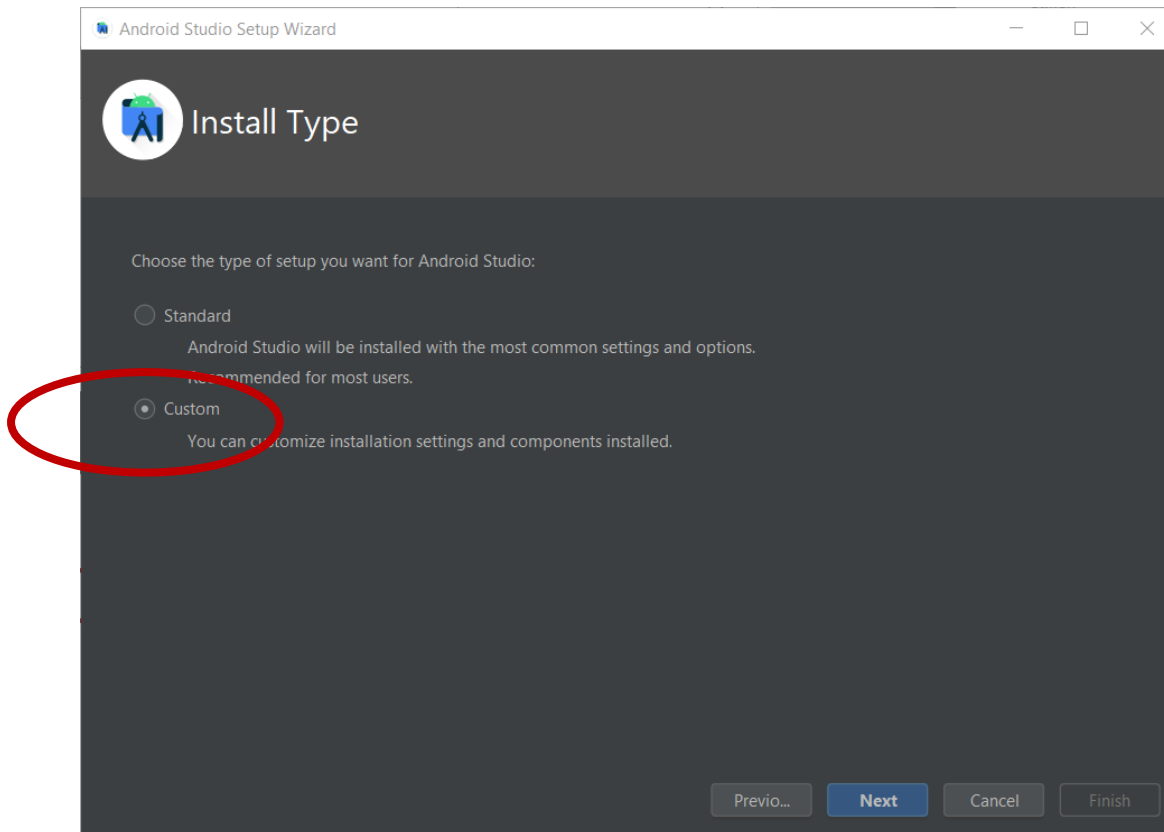
Android Studio eerste opstart





Android Studio eerste opstart

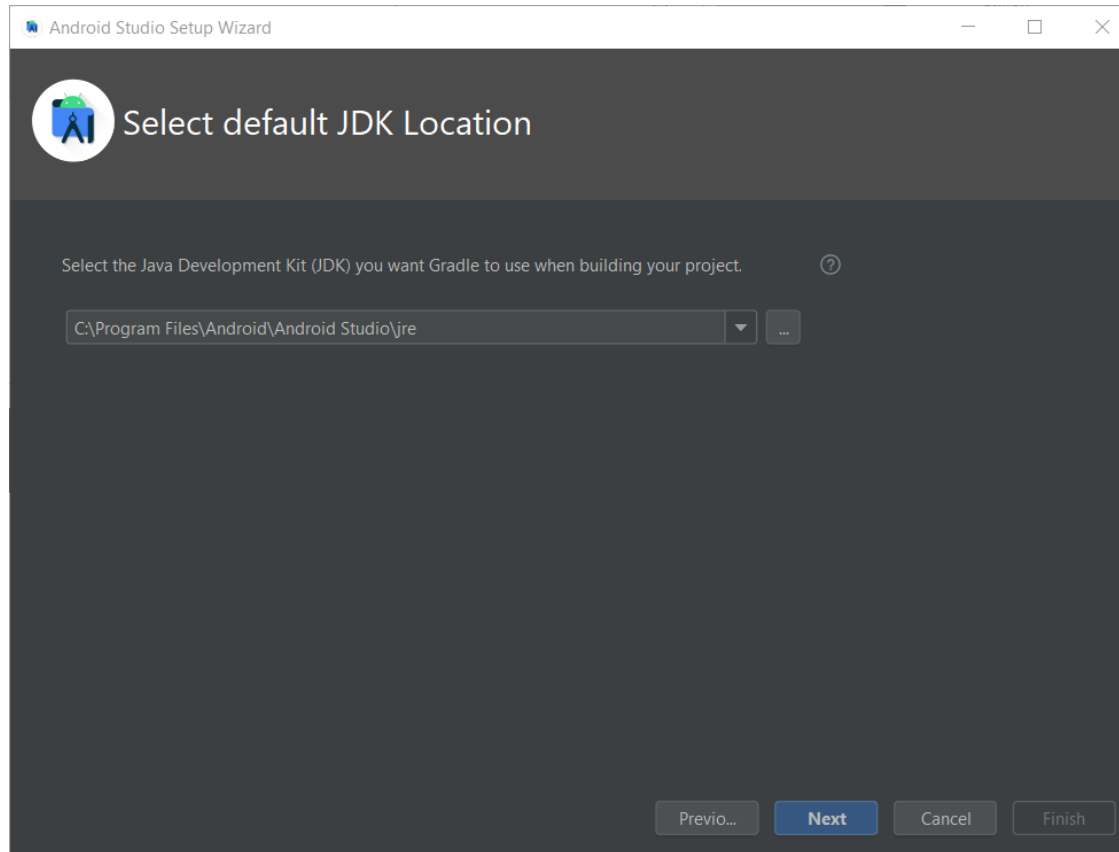
- Selecteer Custom !





Android Studio eerste opstart

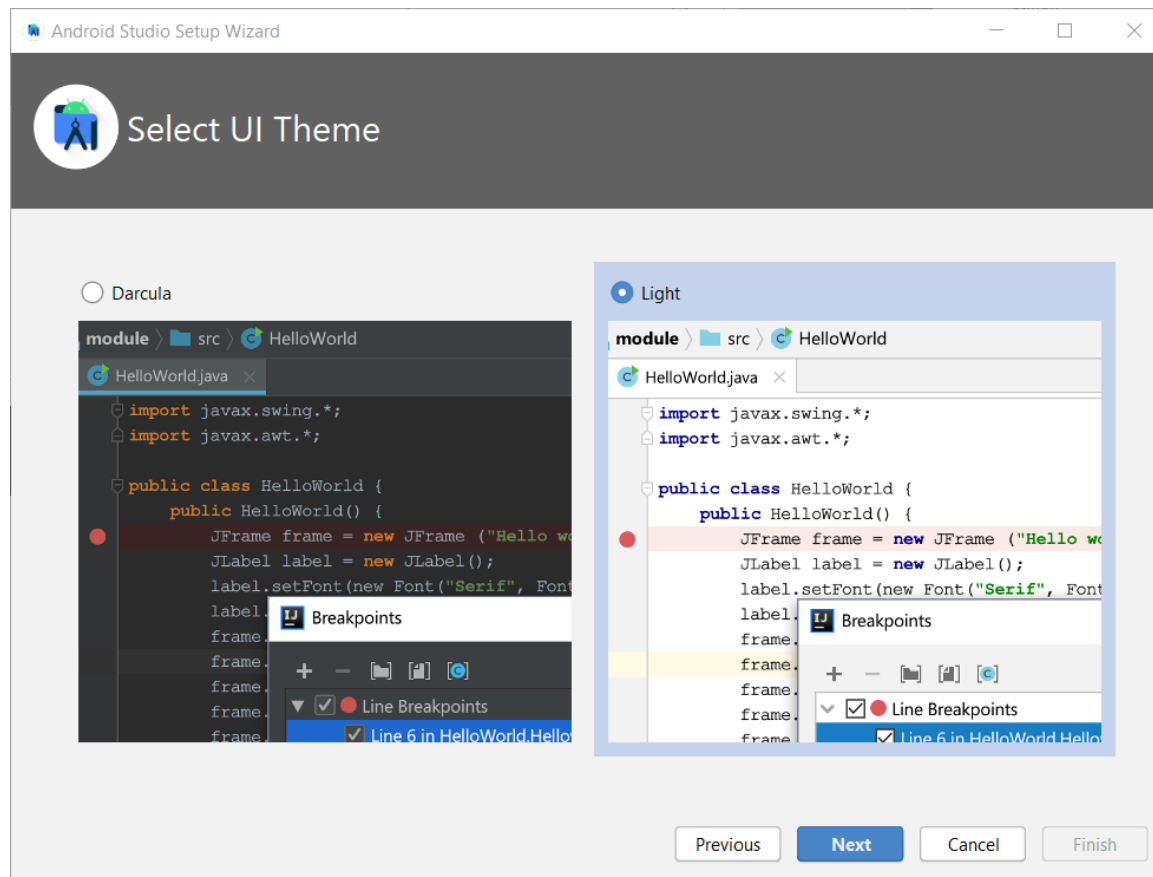
- (Keep default)





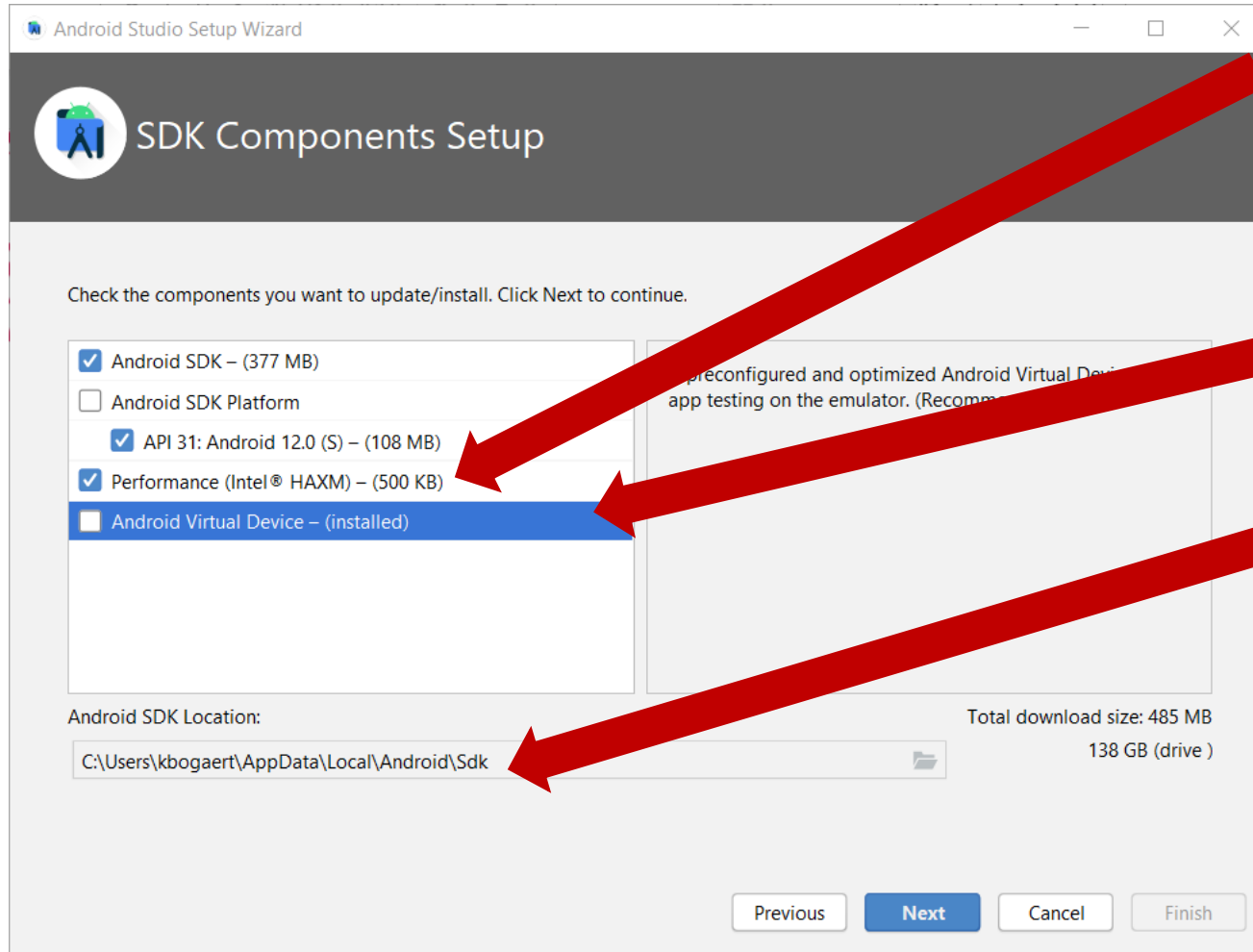
Android Studio eerste opstart

- As you like it. Dark or light theme





Android Studio eerste opstart



- Indien je een INTEL CPU hebt vink dit aan
- Download AVD indien nog niet geïnstalleerd!
- Dit pad gaat GIGABytes groeien. Je kan er ook een aparte map van maken



Android Studio eerste opstart

Android Studio Setup Wizard

Emulator Settings

We have detected that your system can run the Android emulator in an accelerated performance mode.

Set the maximum amount of RAM available for the Intel® Hardware Accelerated Execution Manager (HAXM) to use for all x86 emulator instances. You can change these settings at any time by running the Intel® HAXM installer.

Refer to the [Intel® HAXM Documentation](#) for more information.

512.0 MB **4.0 GB** 7.8 GB 15.1 GB 22.3 GB 29.6 GB
(Recommended)

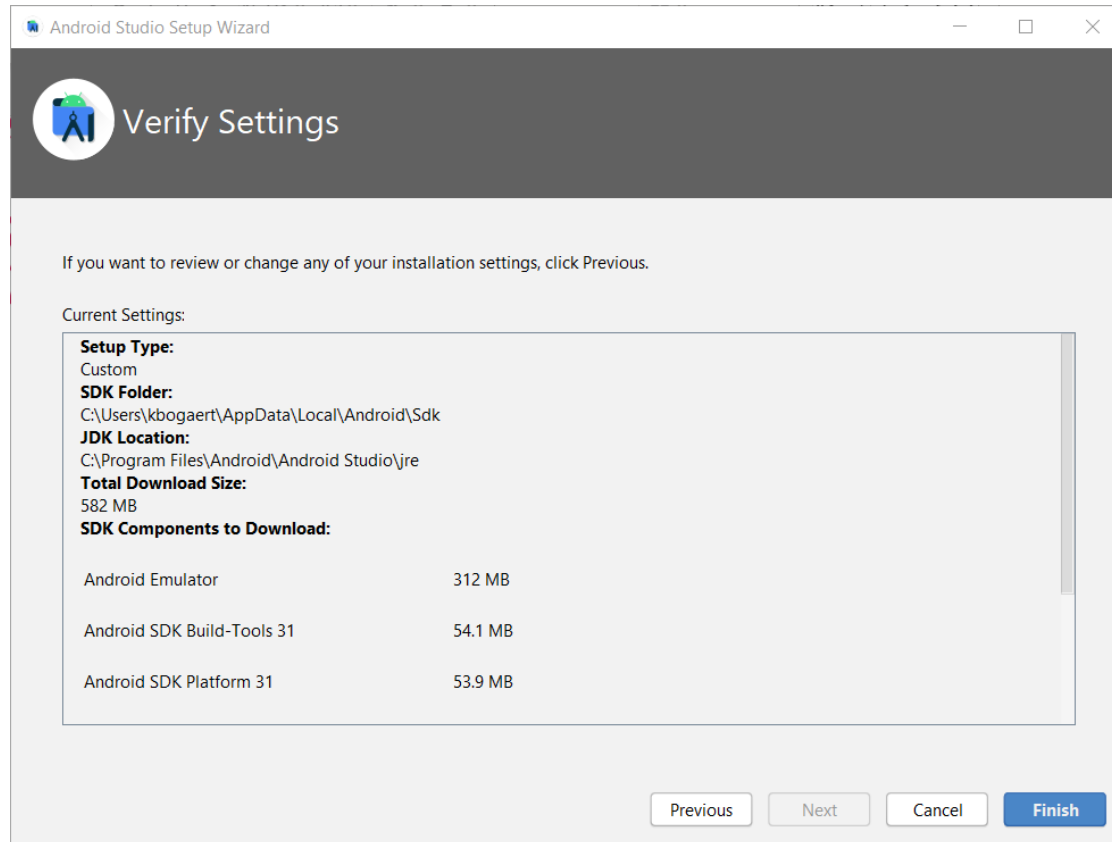
RAM allocation: 4,111 MiB Use recommended

Previous **Next** Cancel Finish



Android Studio eerste opstart

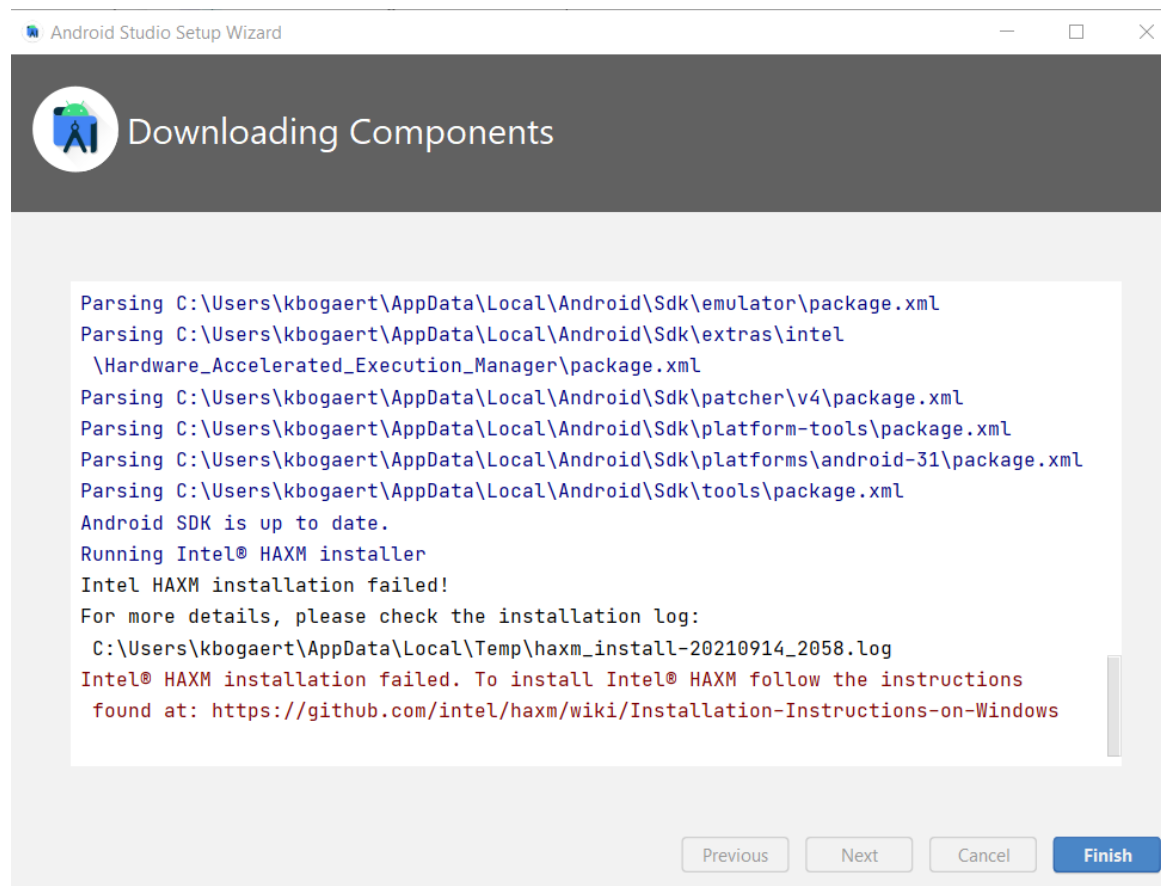
- More big downloads starting





Android Studio eerste opstart

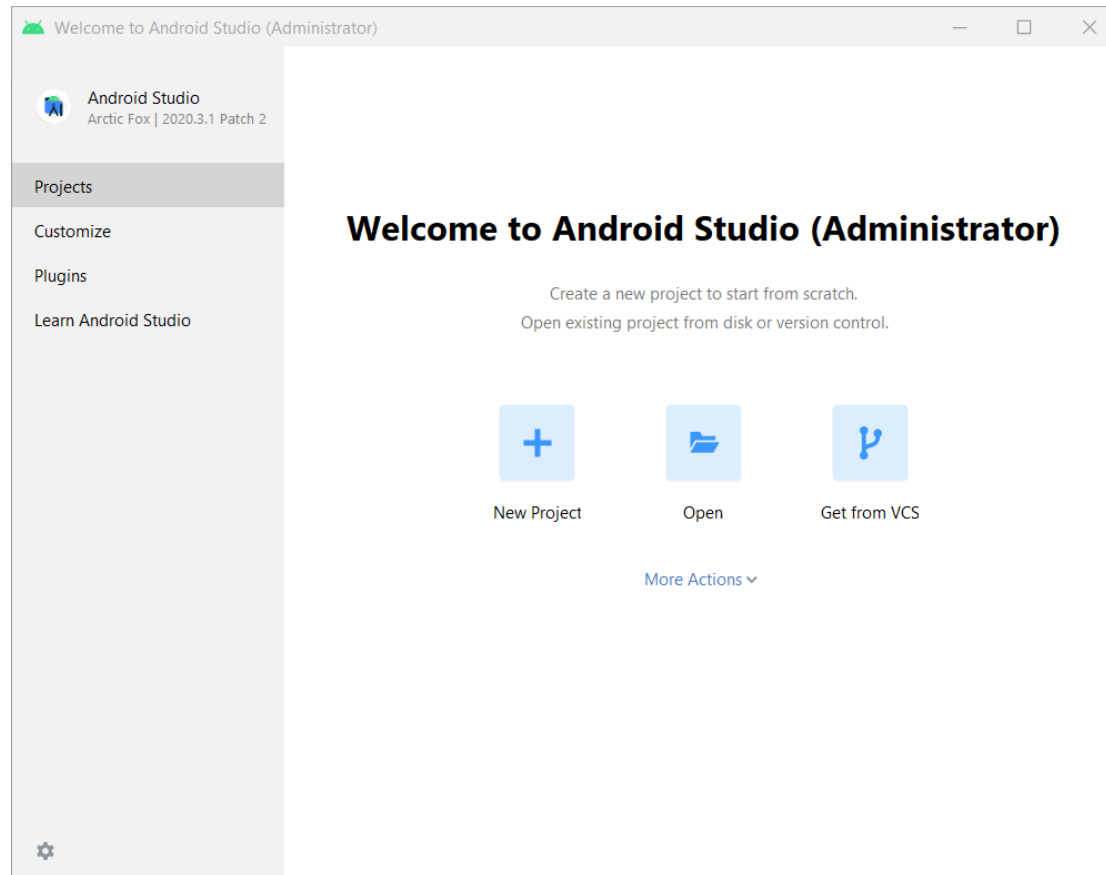
- Controleer even of alles goed is gelopen + finish





Android Studio eerste opstart

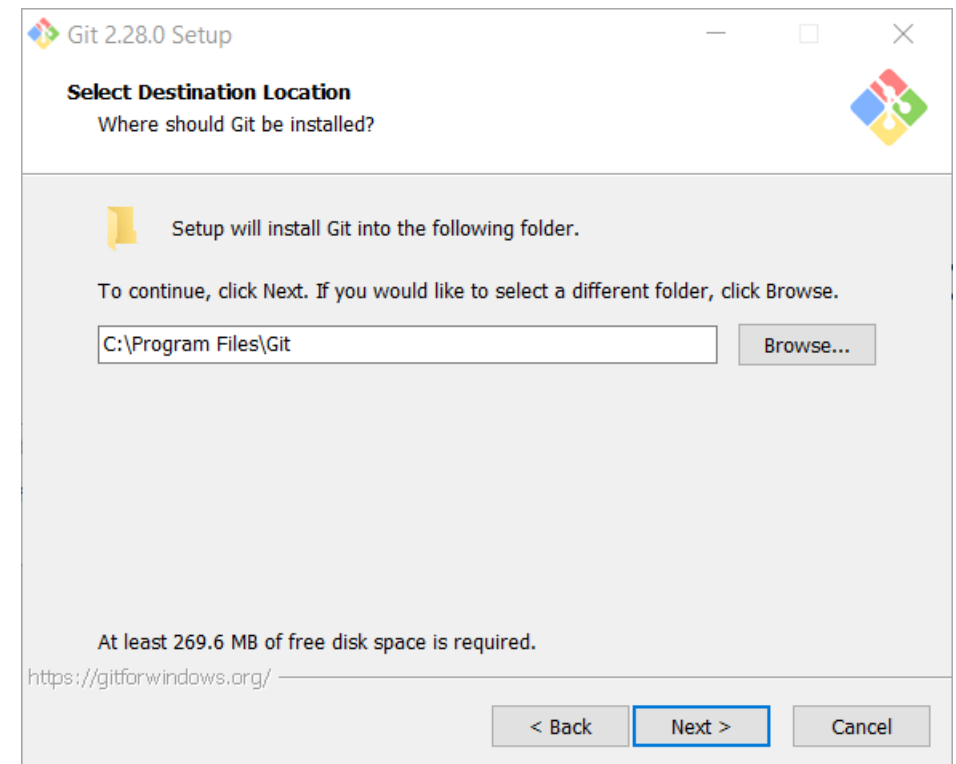
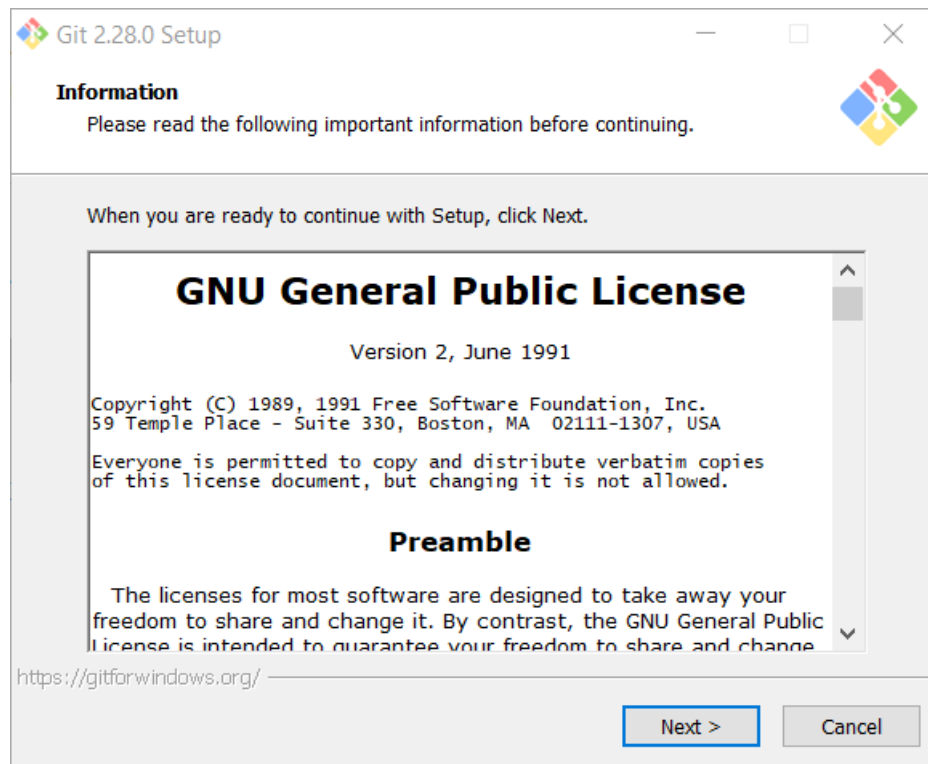
- Stop hier. Sluit dit venster met het kruisje





Installatie GIT

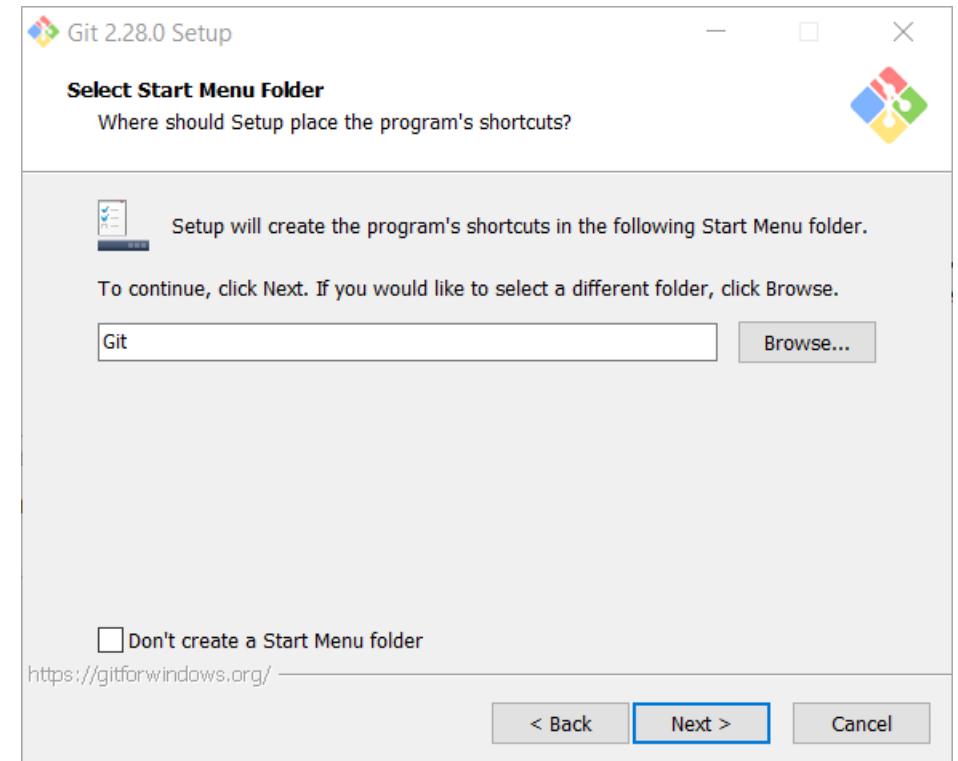
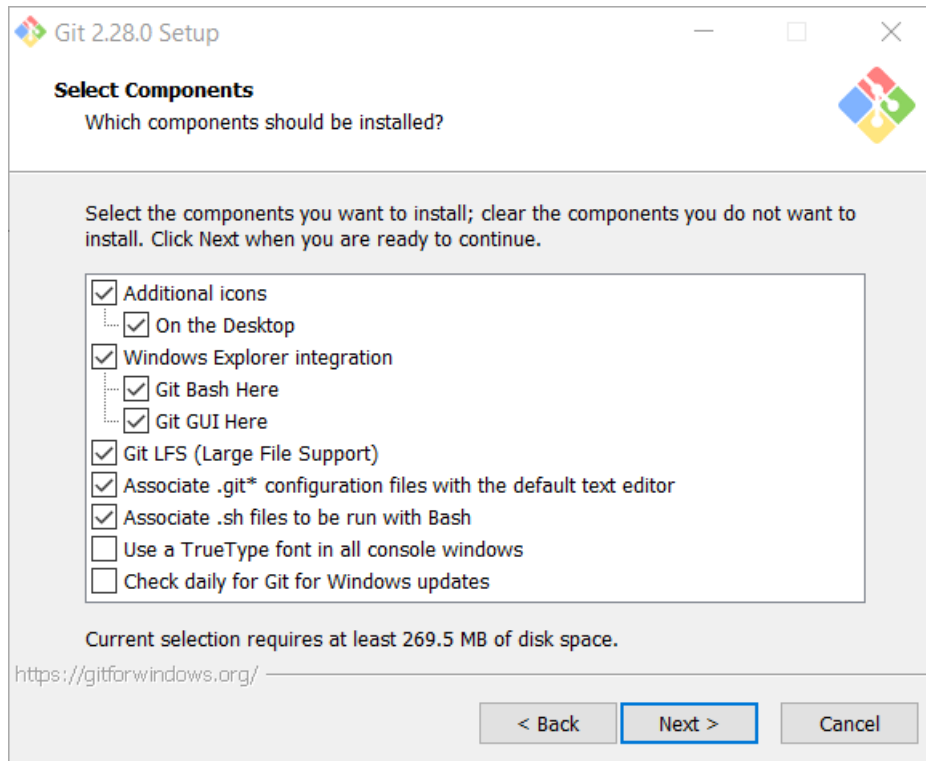
- Op Windows, Select installer and “Run as Administrator”





Installatie GIT

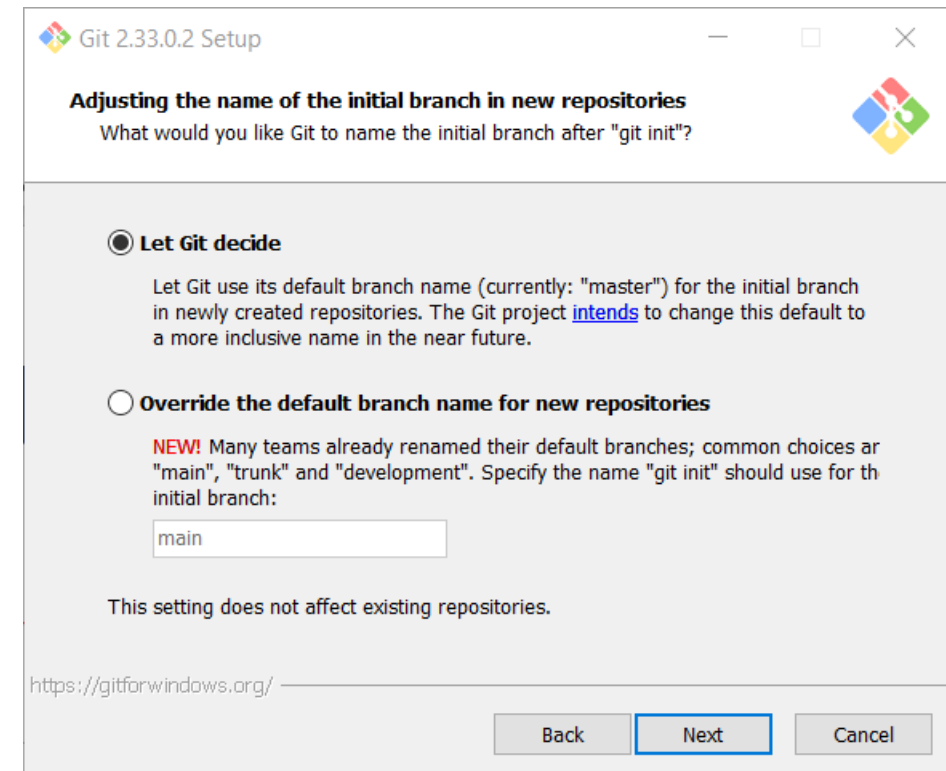
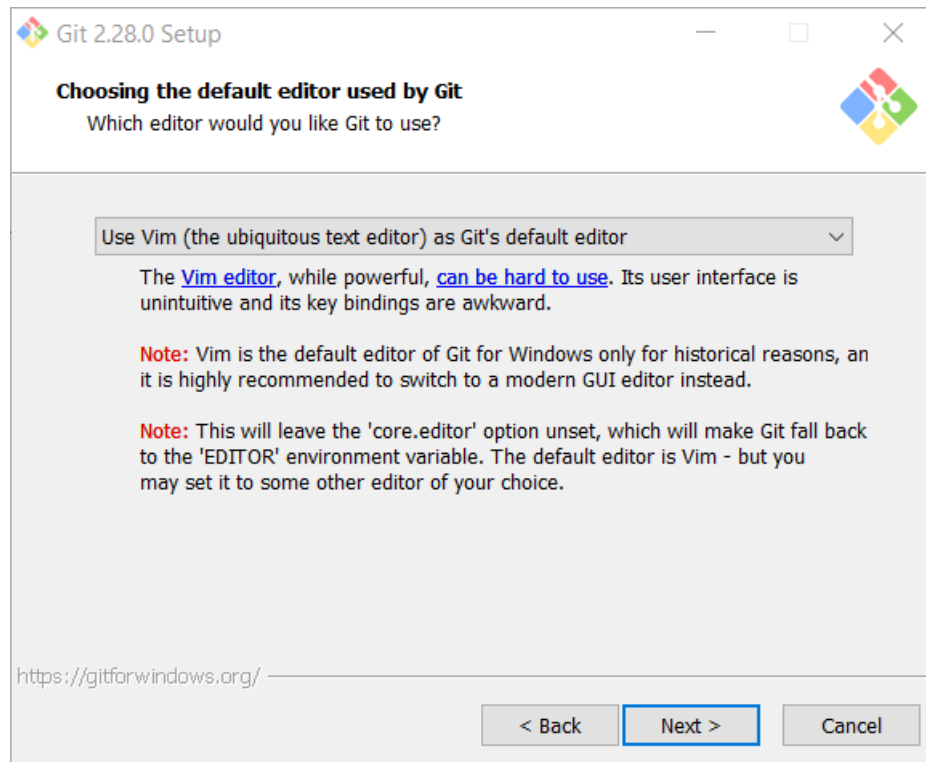
- Optioneel vink aan: Additional Icons, On the Desktop





Installatie GIT

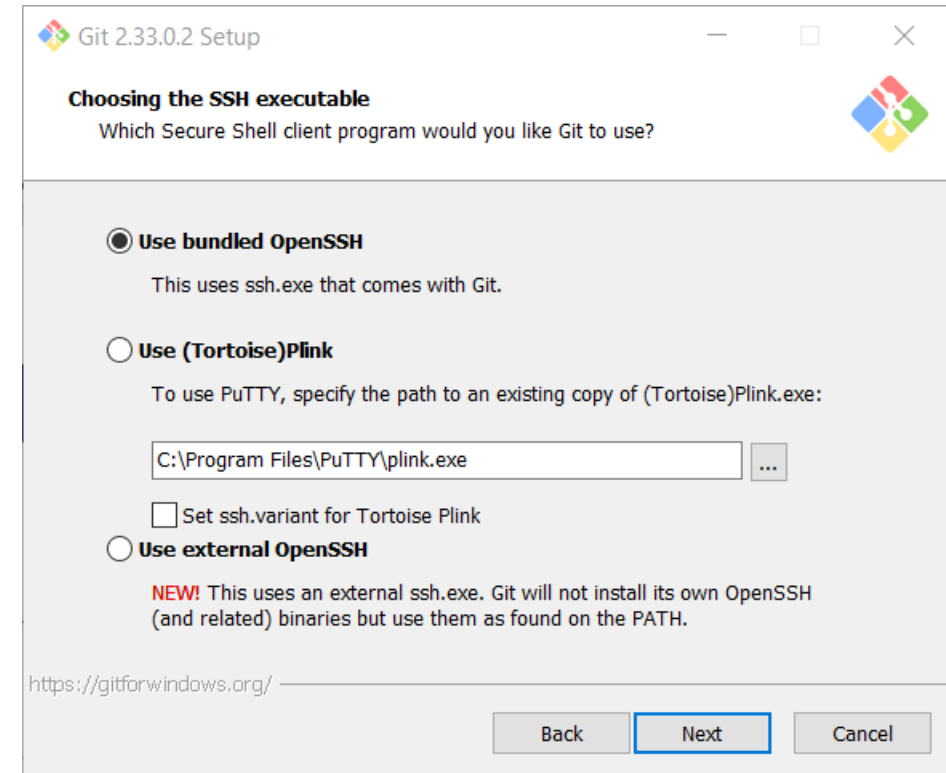
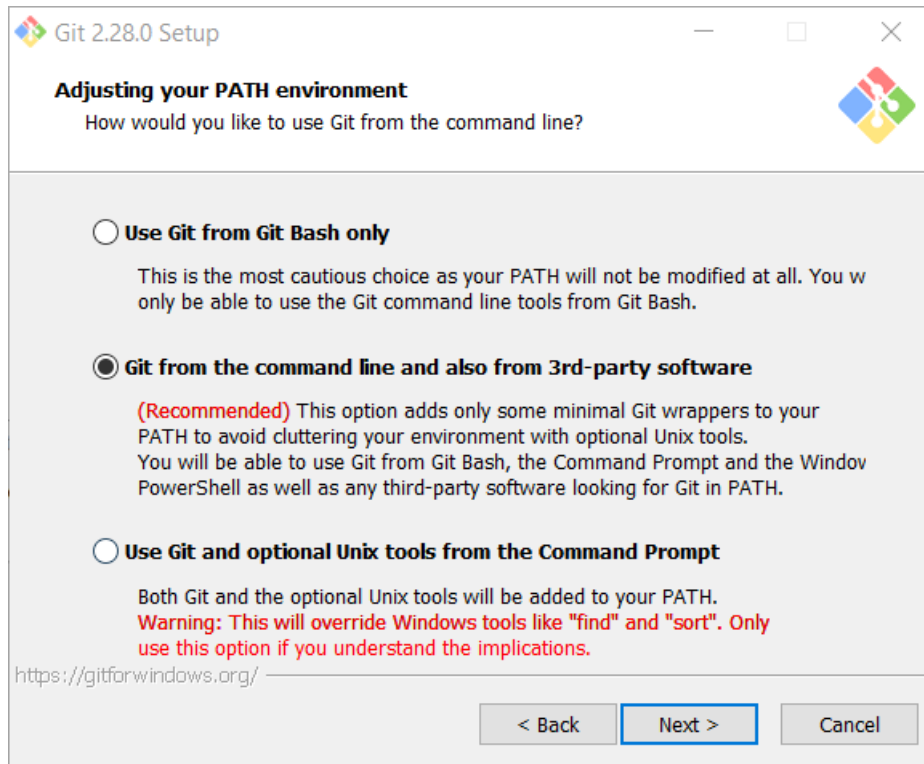
- (Keep defaults, or just klik Next 8 times)





Installatie GIT

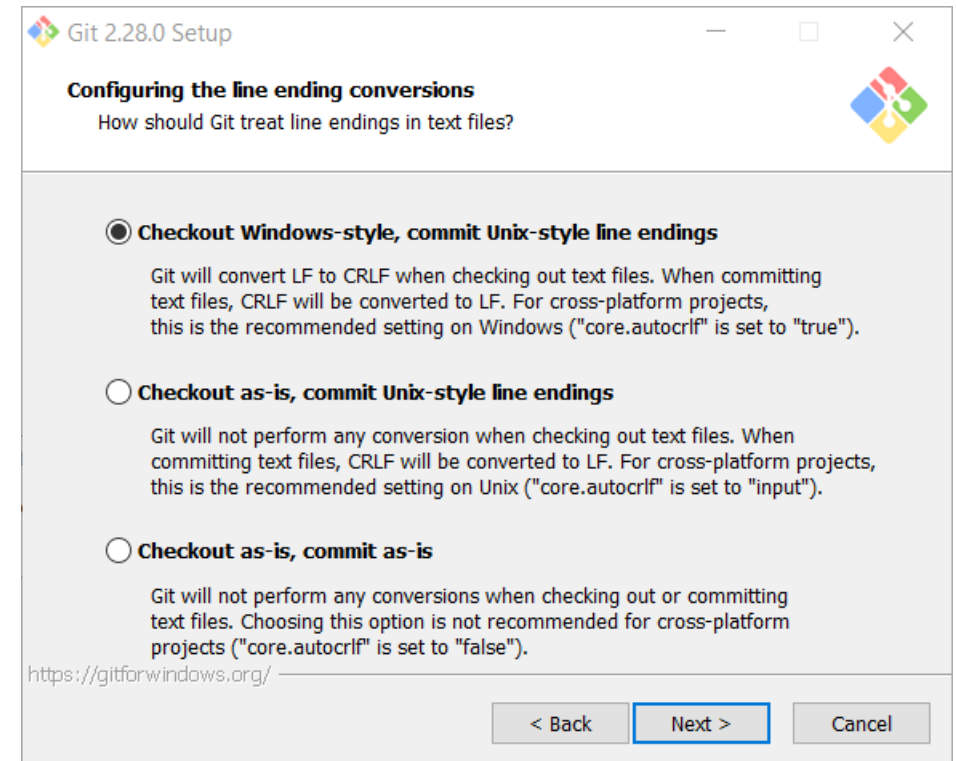
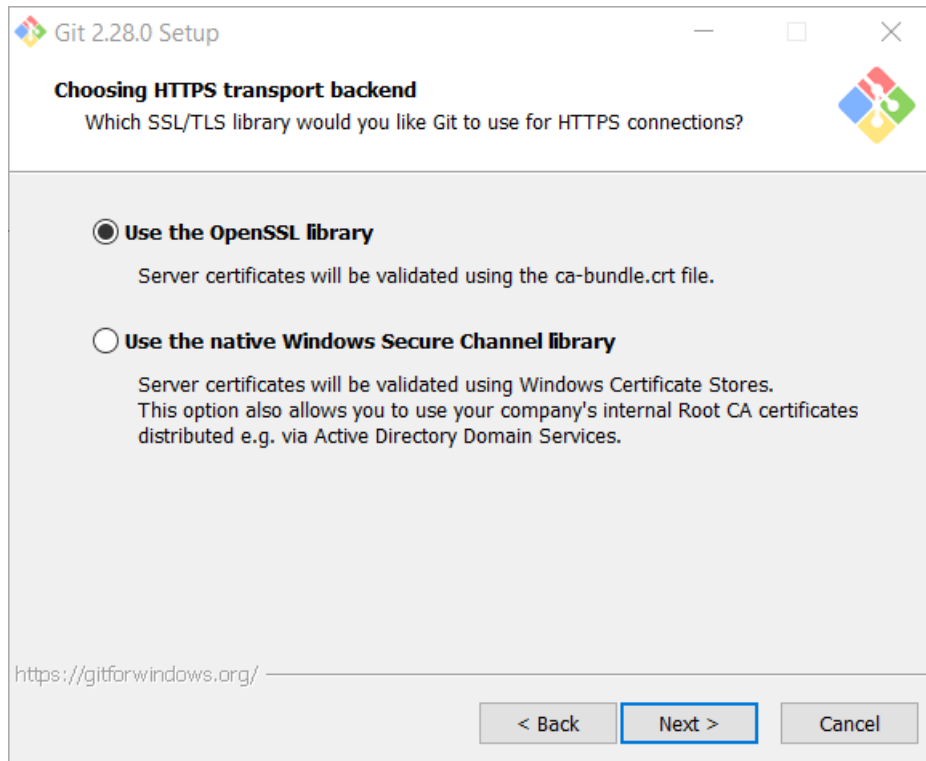
- (Keep defaults, or just klik Next 8 times)





Installatie GIT

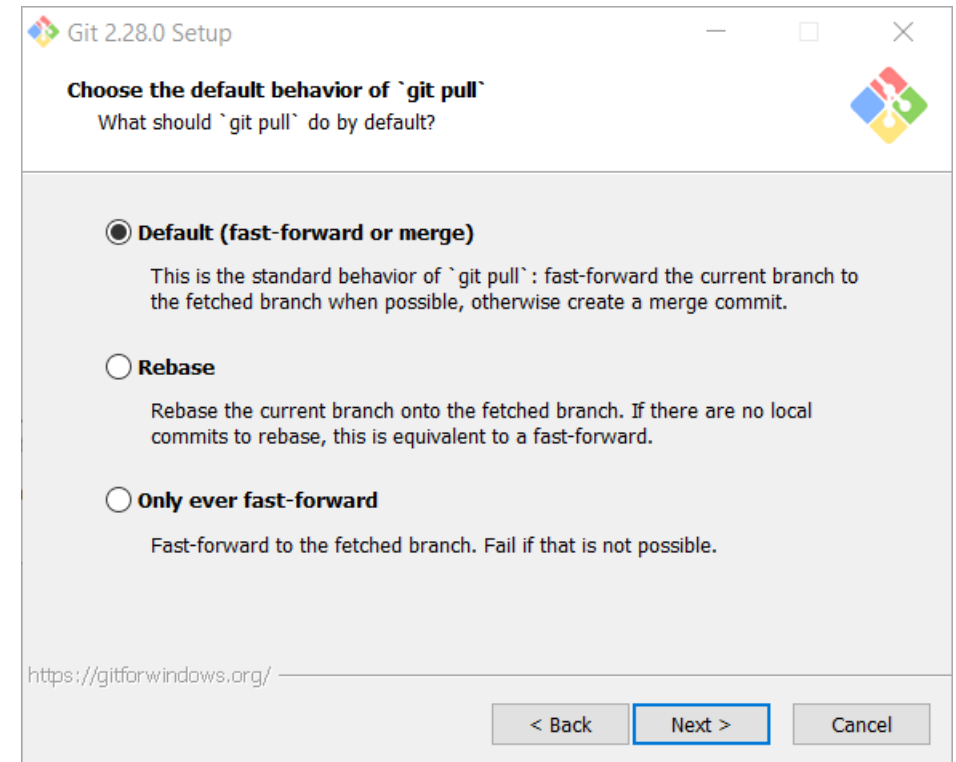
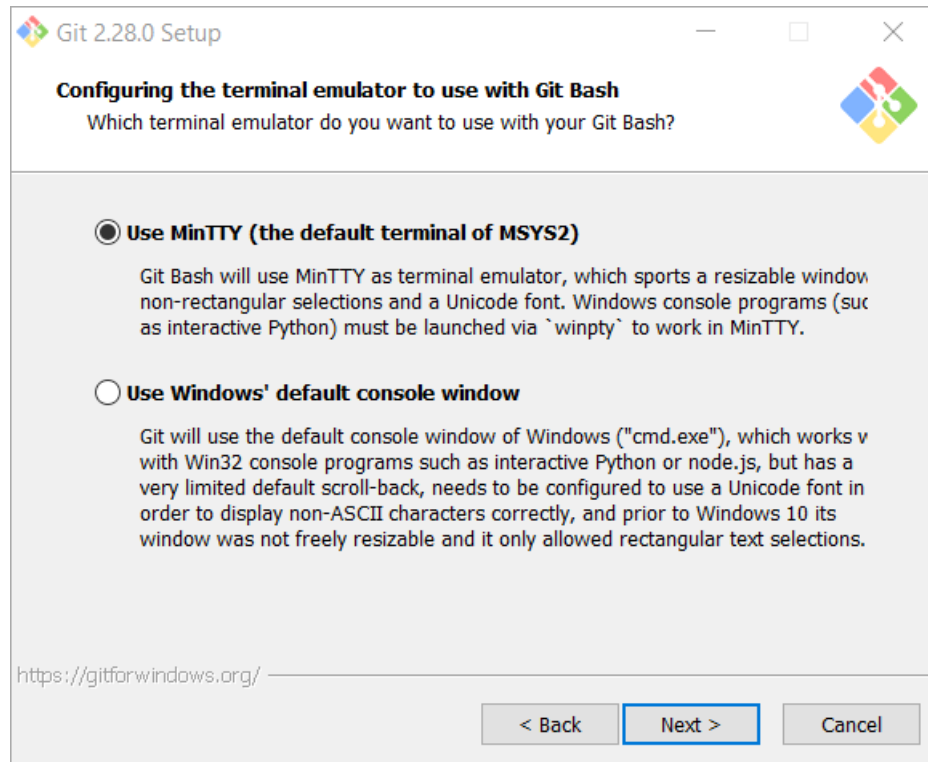
- (Keep defaults)





Installatie GIT

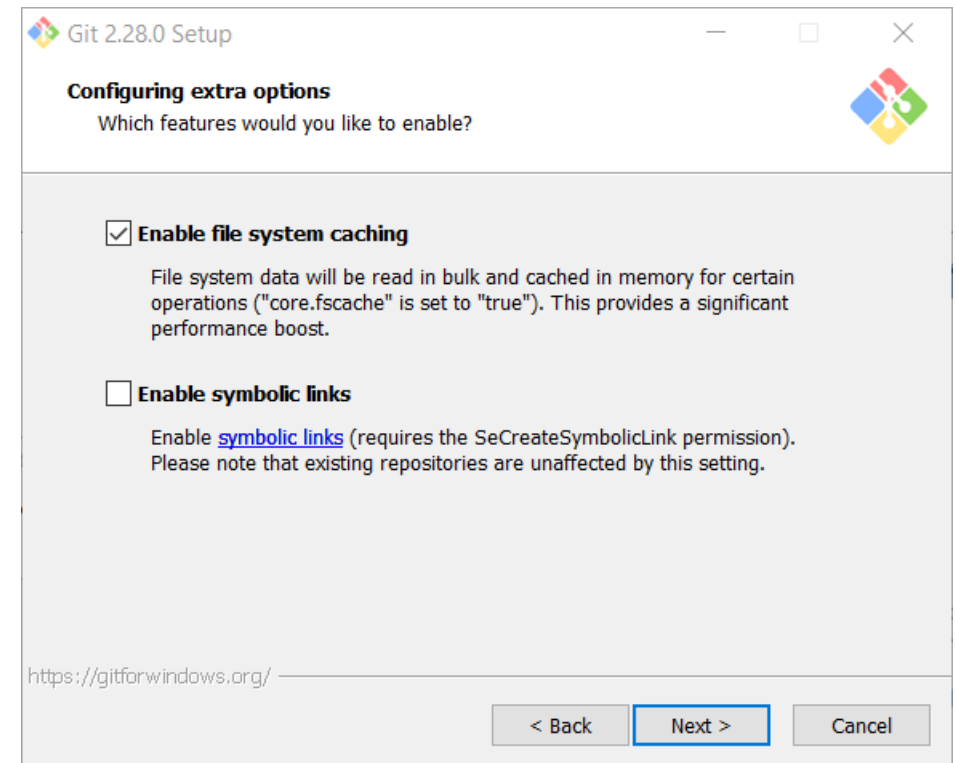
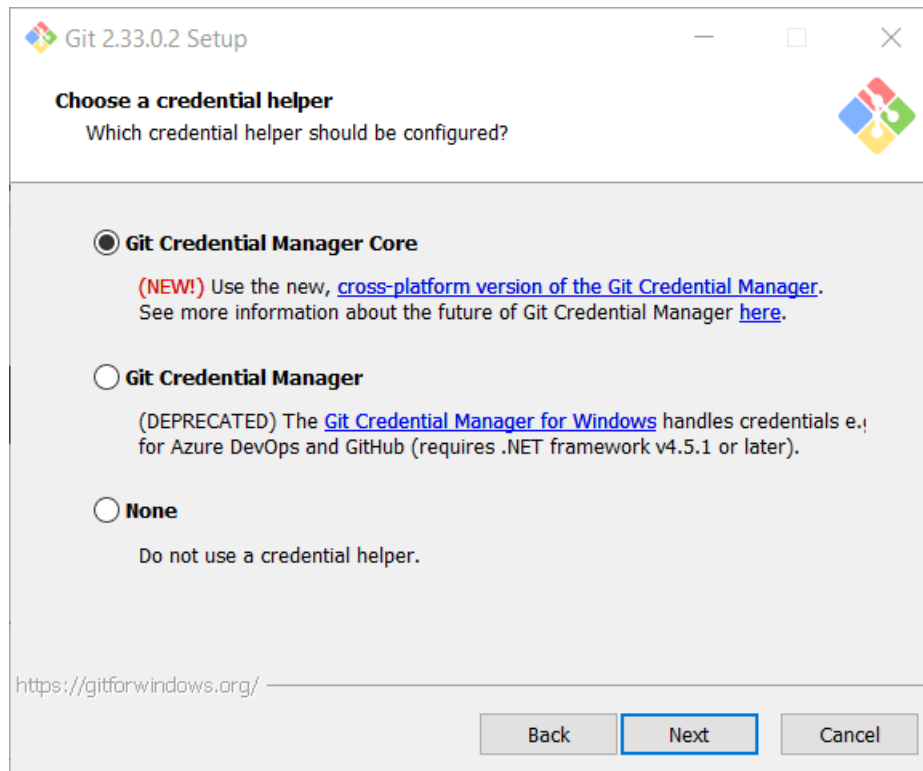
- (Keep defaults)





Installatie GIT

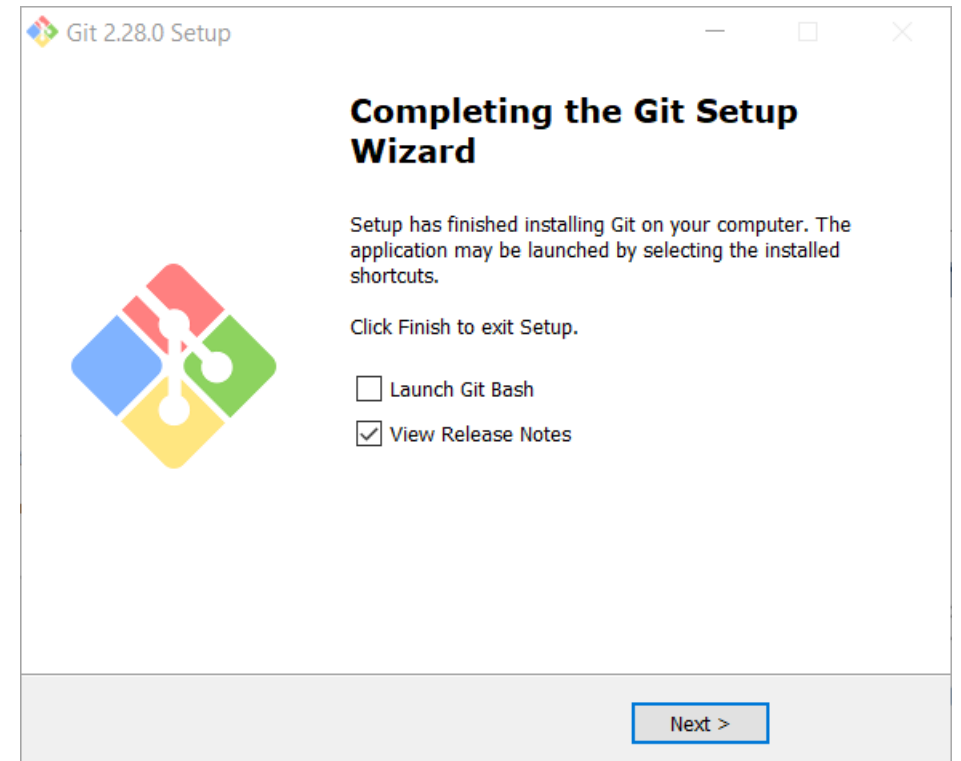
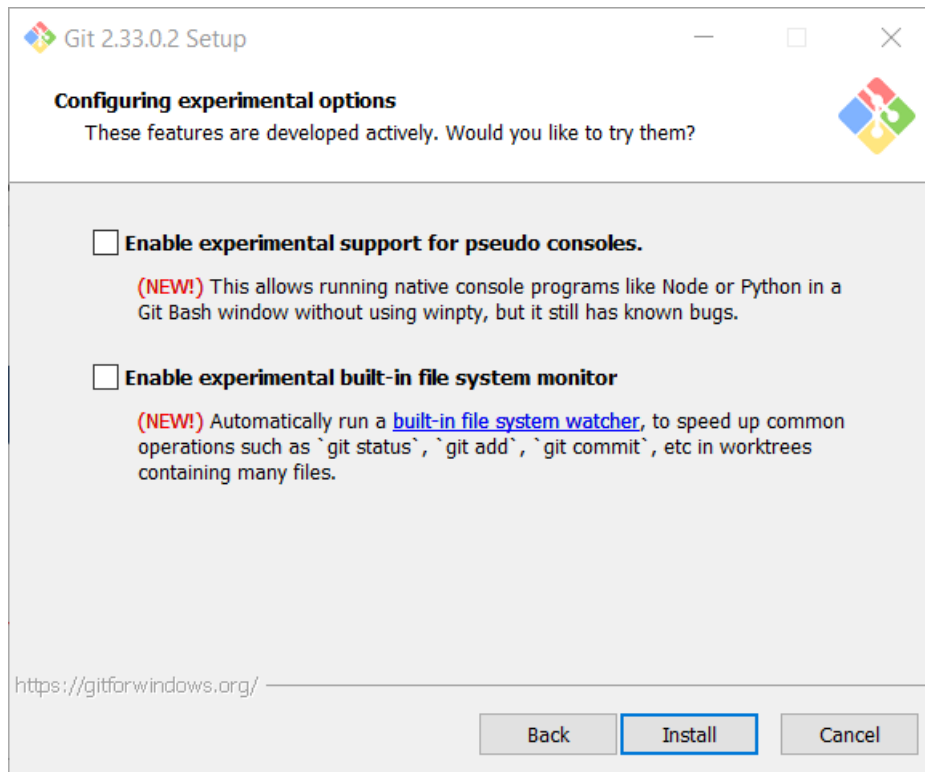
- (Keep defaults)





Installatie GIT

- (Keep defaults)





Controle GIT installatie

- Open een CMD prompt and type `git --version`
- Indien de output gelijkaardig is als hieronder dan is de installatie OK

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kbogaert>git --version
git version 2.33.0.windows.2

C:\Users\kbogaert>
```