

Start the powershell script in self-setup

» Marc » Dokumente » GitHub » DGTCentaur » build » self-setup				
Name	Änderungsdatum	Typ	Größe	
add2firstrun.txt	25.12.2021 08:47	Textdokument	1 KB	
<b>AutoDGTCentaurModsInstaller.ps1</b>	25.12.2021 10:31	Windows PowerS...	9 KB	
firstboot.service	25.12.2021 08:47	SERVICE-Datei	1 KB	
firstboot.sh	25.12.2021 08:47	Shell Script	1 KB	

It will download 7-Zip, Win32DiskImager and the RaspberryPi Imager tool and the same Folder.

It will not install any of those tools – It just creates portable versions in the Folders

Name	Änderungsdatum	Typ	Größe
7-Zip	25.12.2021 08:51	Dateiordner	
RaspberryPi_imager	25.12.2021 09:23	Dateiordner	
Win32DiskImager	25.12.2021 09:23	Dateiordner	
7z2106-x64.msi	25.11.2021 14:25	Windows Installer...	1.809 KB
add2firstrun.txt	25.12.2021 08:47	Textdokument	1 KB
AutoDGTCentaurModsInstaller.ps1	25.12.2021 09:19	Windows PowerS...	8 KB
<b>DGTCentaurMods_0.1.0_armhf.deb</b>	07.12.2021 23:00	deb Archive	25.328 KB
firstboot.service	25.12.2021 08:47	SERVICE-Datei	1 KB
firstboot.sh	25.12.2021 08:47	Shell Script	1 KB
raspberrypi_imager_latest.exe	06.05.2021 16:24	Anwendung	19.310 KB
Win32DiskImager-1.0.0-binary.zip	08.03.2017 02:56	zip Archive	16.584 KB

The script will look out for an Image file called centaur.img and ask you to create an image if the file is not found.

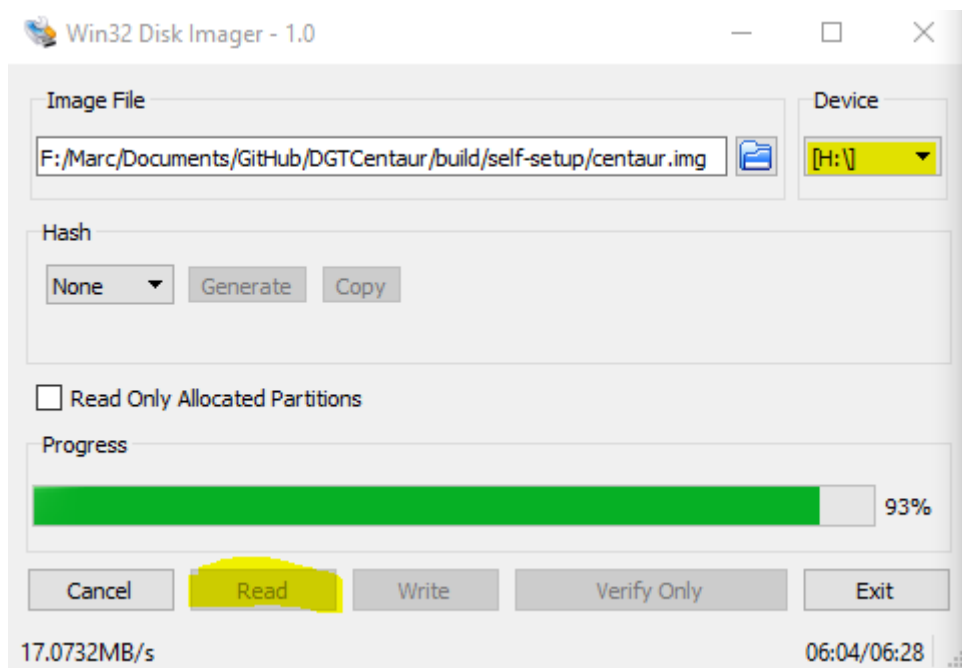
```
PowerShell 7.2.0-preview.10
Copyright (c) Microsoft Corporation.

https://aka.ms/powershell
Type 'help' to get help.

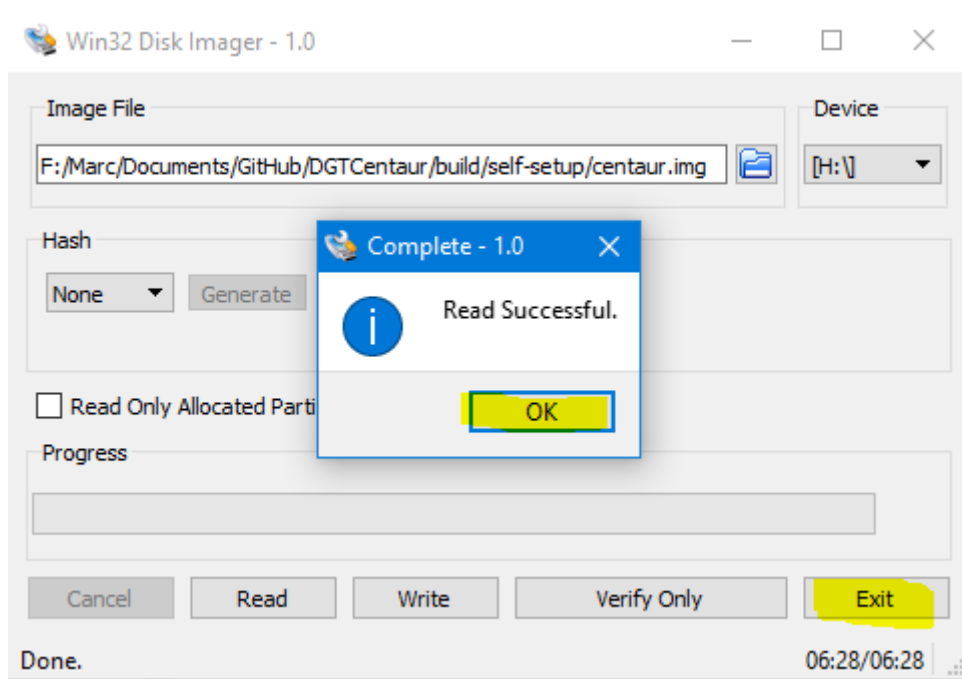
PS F:\Marc\Documents\GitHub\DGTCentaur\build\self-setup> .\AutoDGTCentaurModsInstaller.ps1
Path F:\Marc\Documents\GitHub\DGTCentaur\build\self-setup\7-Zip exists!
Start-Process F:\Marc\Documents\GitHub\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\
GitHub\DGTCentaur\build\self-setup\Win32DiskImager-1.0.0-binary.zip -oF:\Marc\Documents\GitHub\DGTCentaur\build\self-set
up\Win32DiskImager
Time taken: 10 second(s)
Start-Process F:\Marc\Documents\GitHub\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\
GitHub\DGTCentaur\build\self-setup\raspberrypi_imager_latest.exe -oF:\Marc\Documents\GitHub\DGTCentaur\build\self-setup\
Raspberrypi_imager
Time taken: 9 second(s)
We need to extract centaur from your sdcard
- please place original SDCard in your Card Reader
And use Win32DiskImager to create an Image file called centaur.img !
```

Win32DiskImager will pop up to allow you to create an Image. The Path to the image is pre-configured and most likely your SDCard is already selected.

If you haven't plugged your SDCard this is moment you should do it!



Once reading the SDCard is completed click „Ok“ and „Exit“ to move on.




The Script will use 7zip to extract the centaur programs and setting from your SDCard image

7-Zip	25.12.2021 08:51	Dateiordner	
home	25.12.2021 09:57	Dateiordner	
RaspberryPi_imager	25.12.2021 09:23	Dateiordner	
Win32DiskImager	25.12.2021 09:57	Dateiordner	
7z2106-x64.msi	25.11.2021 14:25	Windows Installer...	1.809 KB
add2firstrun.txt	25.12.2021 08:47	Textdokument	1 KB
AutoDGTCentaurModslInstaller.ps1	25.12.2021 09:58	Windows PowerS...	9 KB
centaur.img	25.12.2021 09:30	Datenträgerimage...	7.806.976 KB
centaur.tar.gz	25.12.2021 09:59	gz Archive	23.773 KB
DGTCentaurModsl_0.1.0_armhf.deb	07.12.2021 23:00	deb Archive	25.328 KB
firstboot.service	25.12.2021 08:47	SERVICE-Datei	1 KB
firstboot.sh	25.12.2021 08:47	Shell Script	1 KB
raspberryPi_imager_latest.exe	06.05.2021 16:24	Anwendung	19.310 KB
Win32DiskImager-1.0.0-binary.zip	08.03.2017 02:56	zip Archive	16.584 KB

Once finished extracting files - Please remove your „original“ SDCard and connect a new SDCard to your PC because we want to write the Raspbian OS to the SDCard.

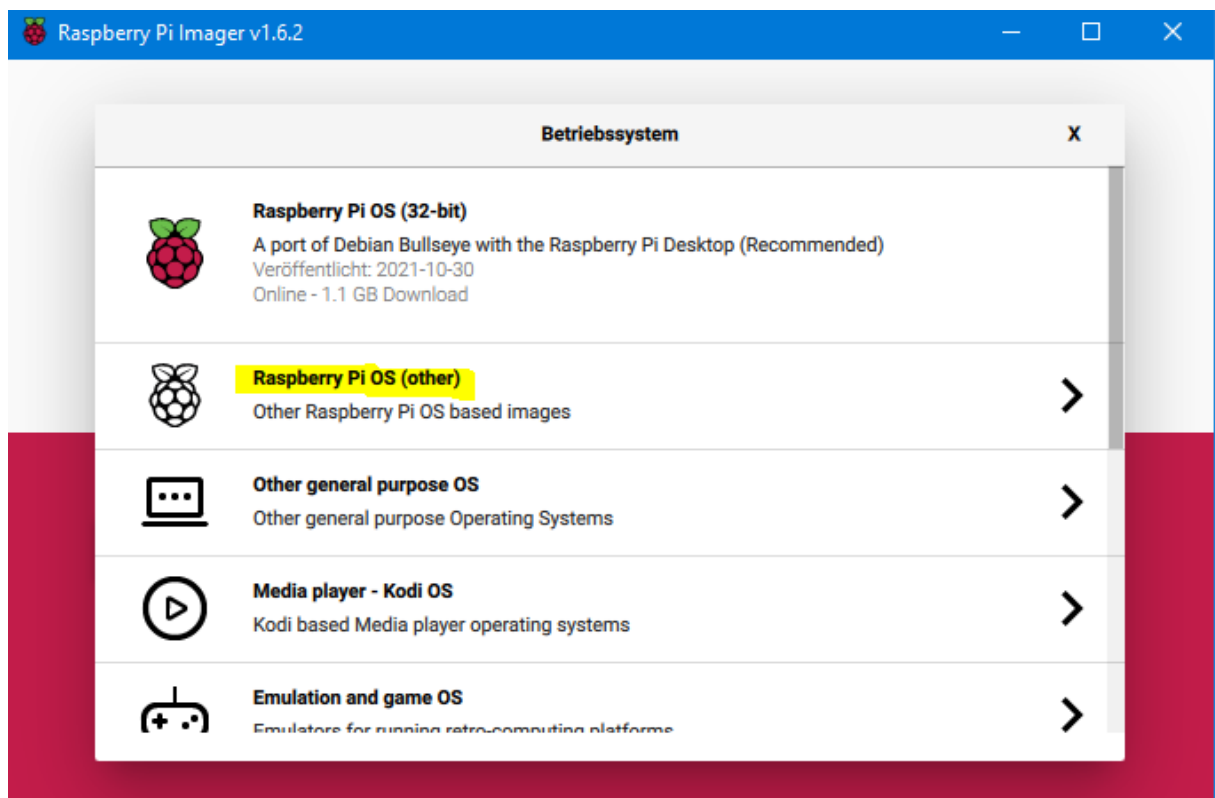
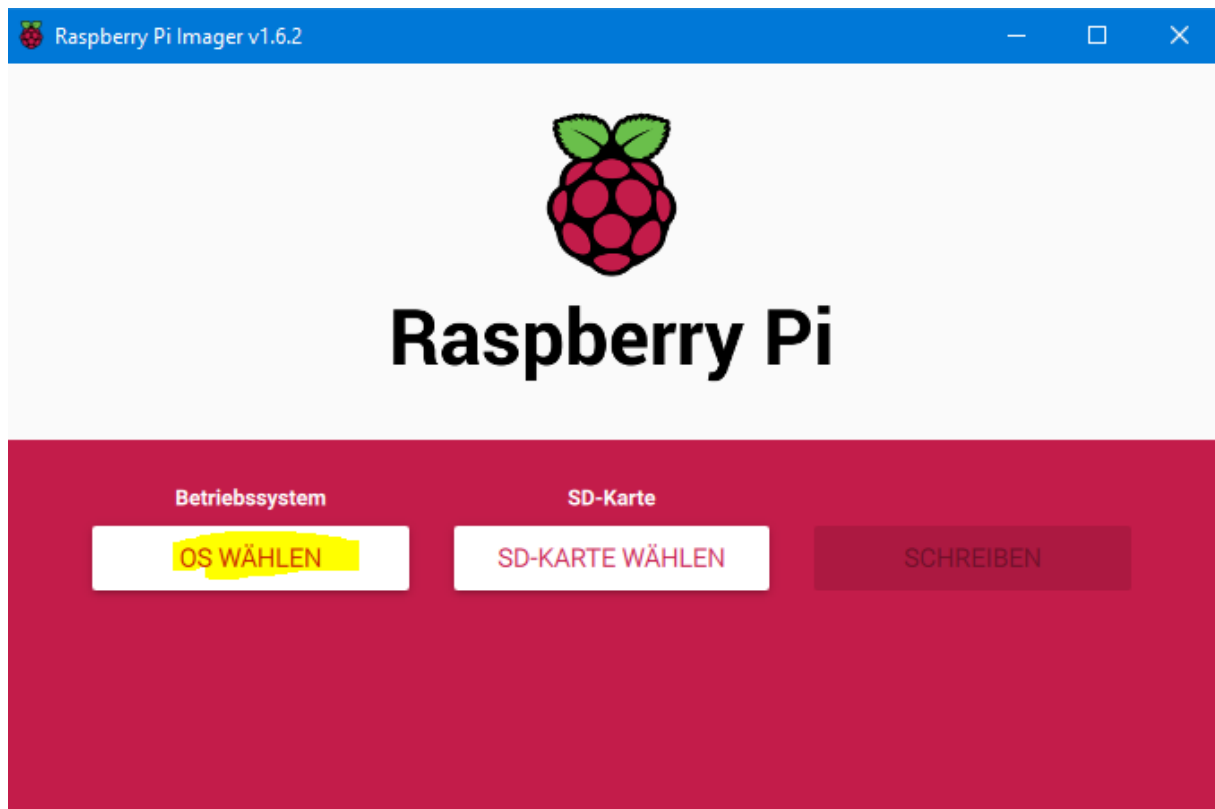
```
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\Github\DGTCentaur\build\self-setup\centaur.img 1.img
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\Github\DGTCentaur\build\self-setup\centaur.img 2.img
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\Github\DGTCentaur\build\self-setup\1.img home\pi\centaur
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList x F:\Marc\Documents\Github\DGTCentaur\build\self-setup\2.img settings_1.2.dat running.info playscreendata_
1.2.dat factory.info epaper_vcom.info clockdata_1.2.dat chesstime_1.2.dat chessgame_1.2.dat -o .\home\pi\centaur\settings
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList a F:\Marc\Documents\Github\DGTCentaur\build\self-setup\centaur.tar -ttar .\home\pi\centaur
Start-Process F:\Marc\Documents\Github\DGTCentaur\build\self-setup\7-Zip\7z.exe -Wait -ArgumentList a F:\Marc\Documents\Github\DGTCentaur\build\self-setup\centaur.tar.gz -tgzip .\centaur.tar

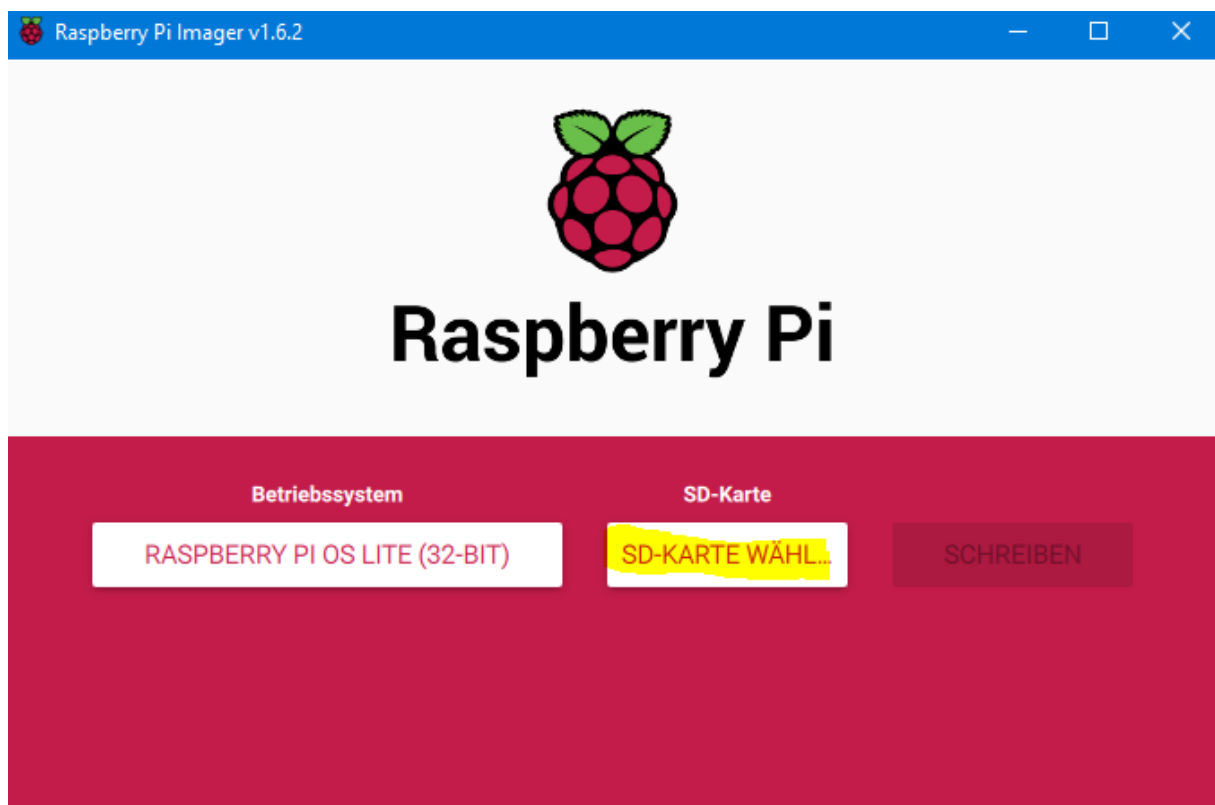
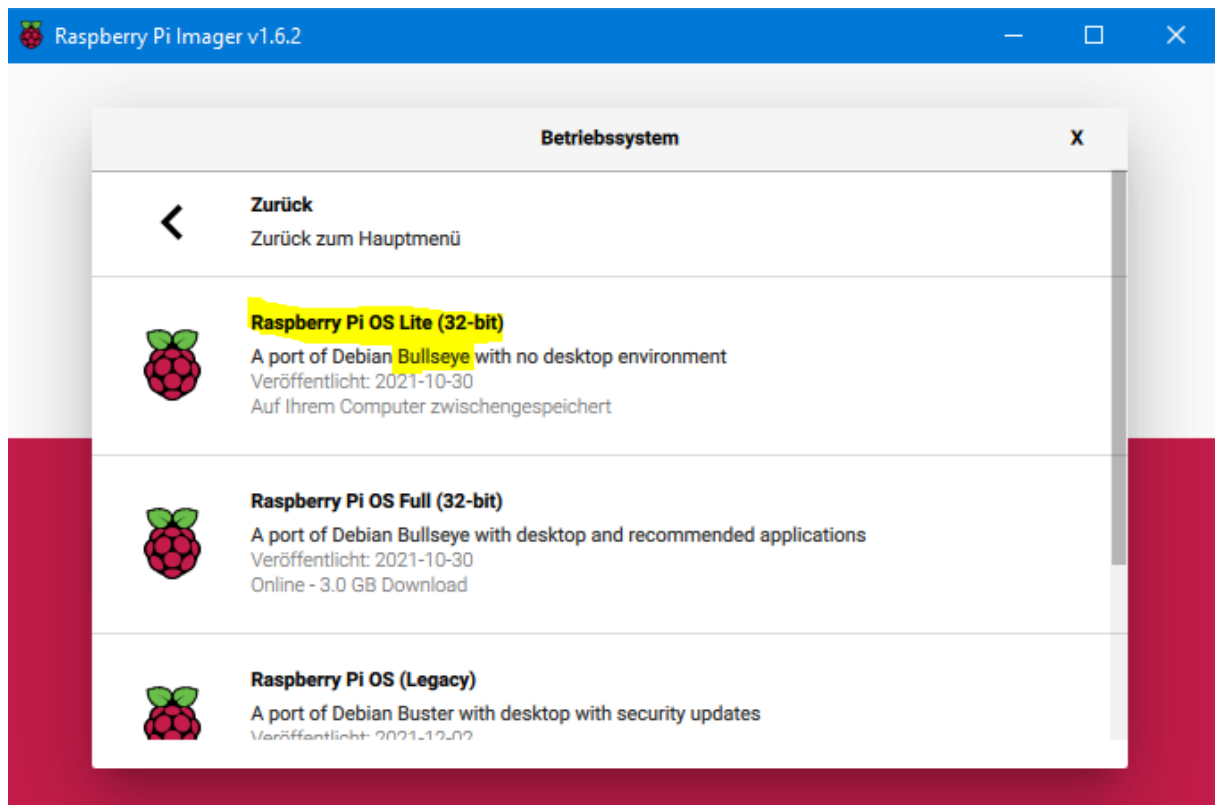
Do you need to write a new SDCard with Raspbian
using Raspberry PI imager?
- DO NOT use your original Centaur card !!!
```

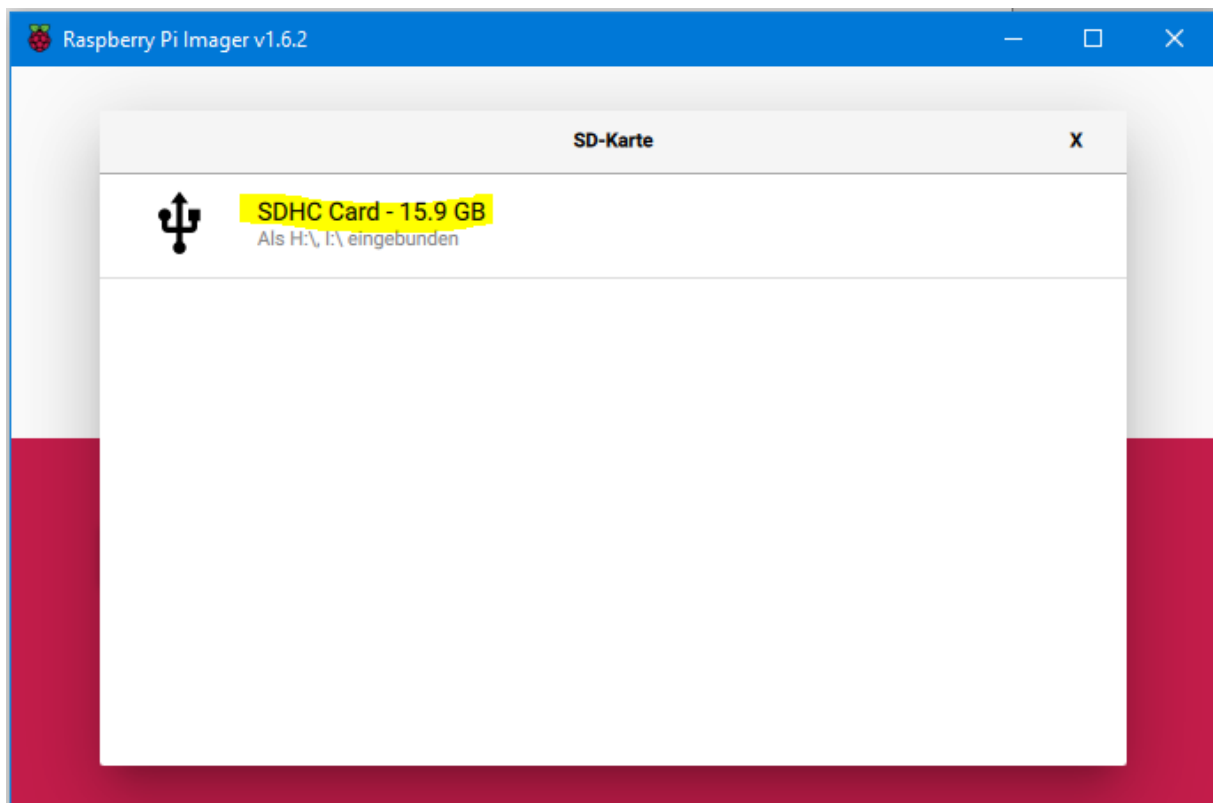


Click on Yes to Image the Raspbian OS to the Card

The Raspberry Pi Imager will pop up and we select our the Bullseye OS without GUI and our new SDCard!



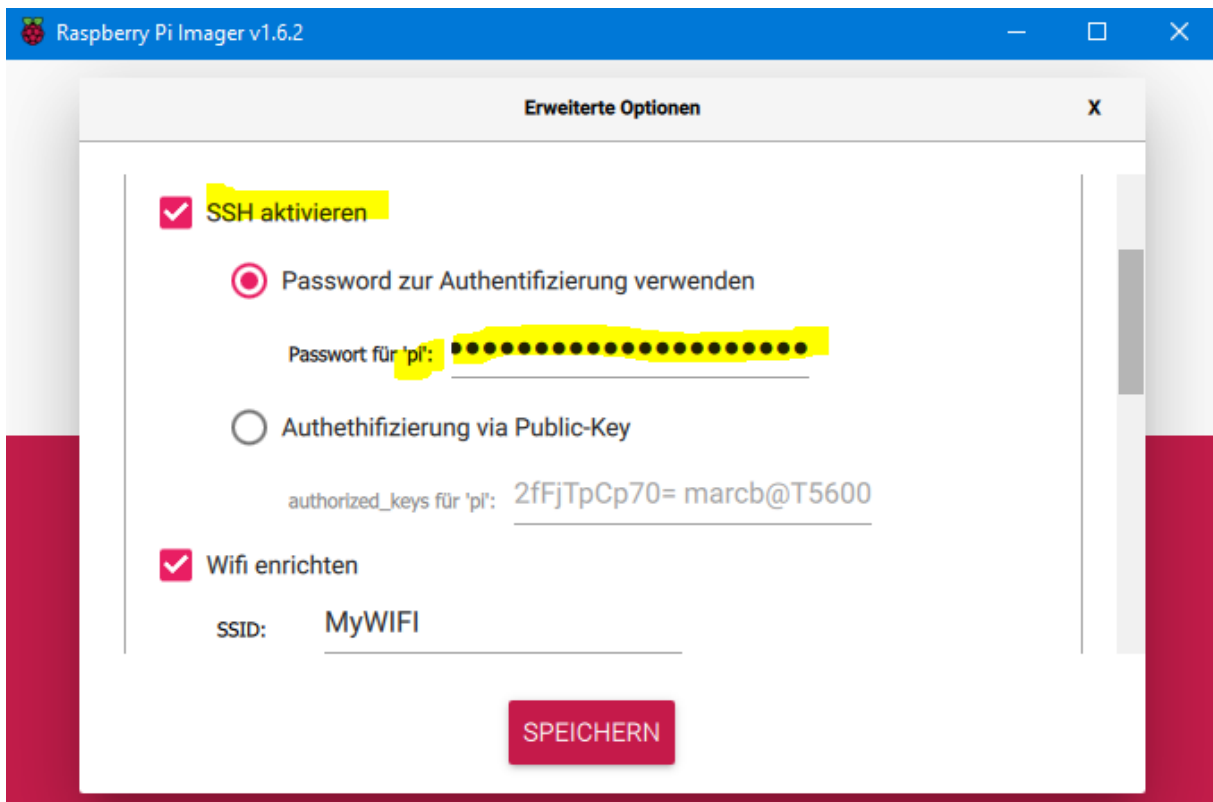




Now I have to add our WIFI settings to the Image.

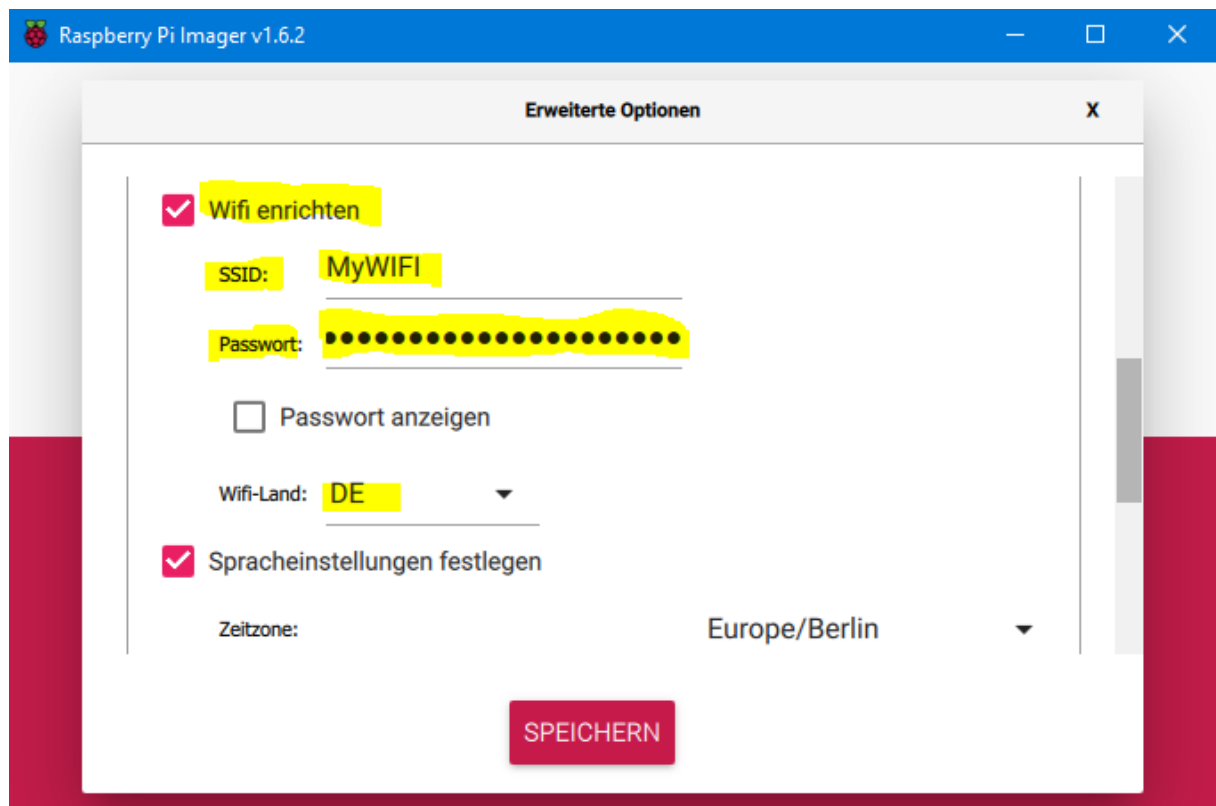
Press „CNTRL“ + „Shift“ + „x“ at the same time to open a hidden menu.

Please enable ssh and change the default password for the user pi

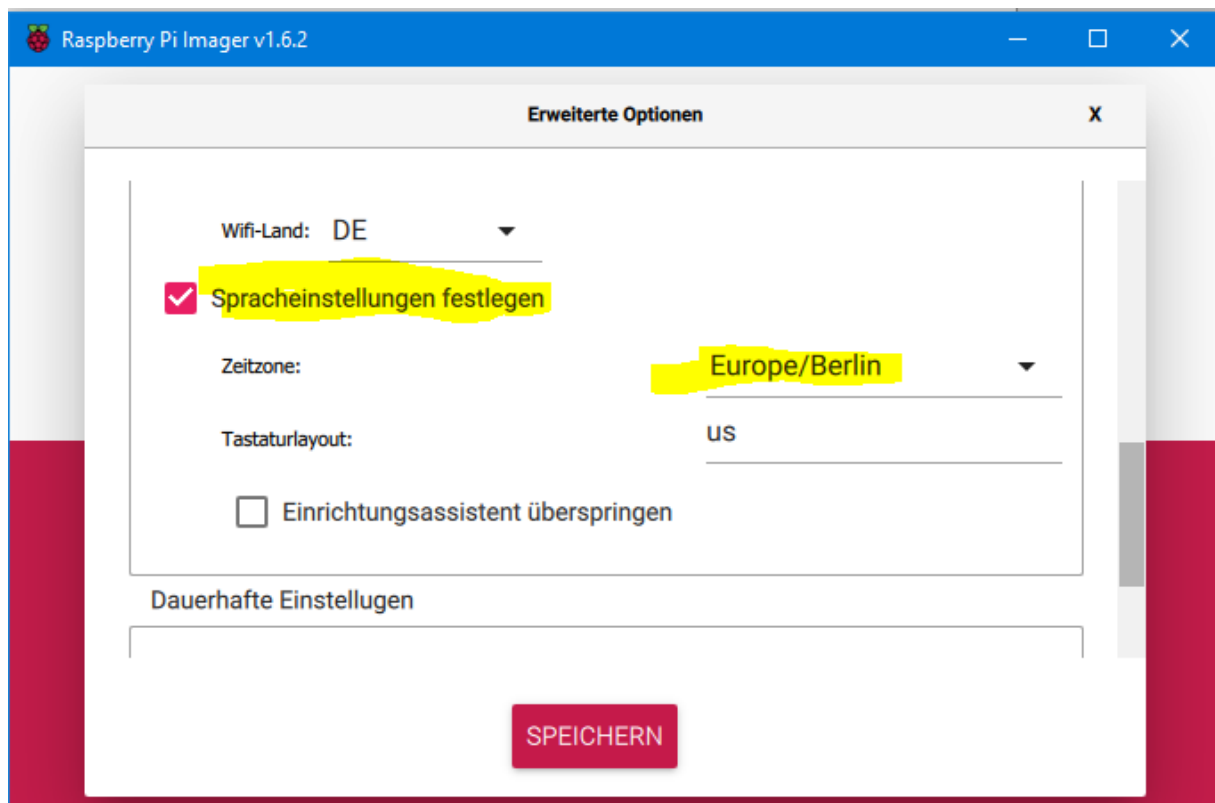


Enable Wifi, enter your wifi SSID and your password to your Wifi so that the Pi Zero can connect to the network during setup.

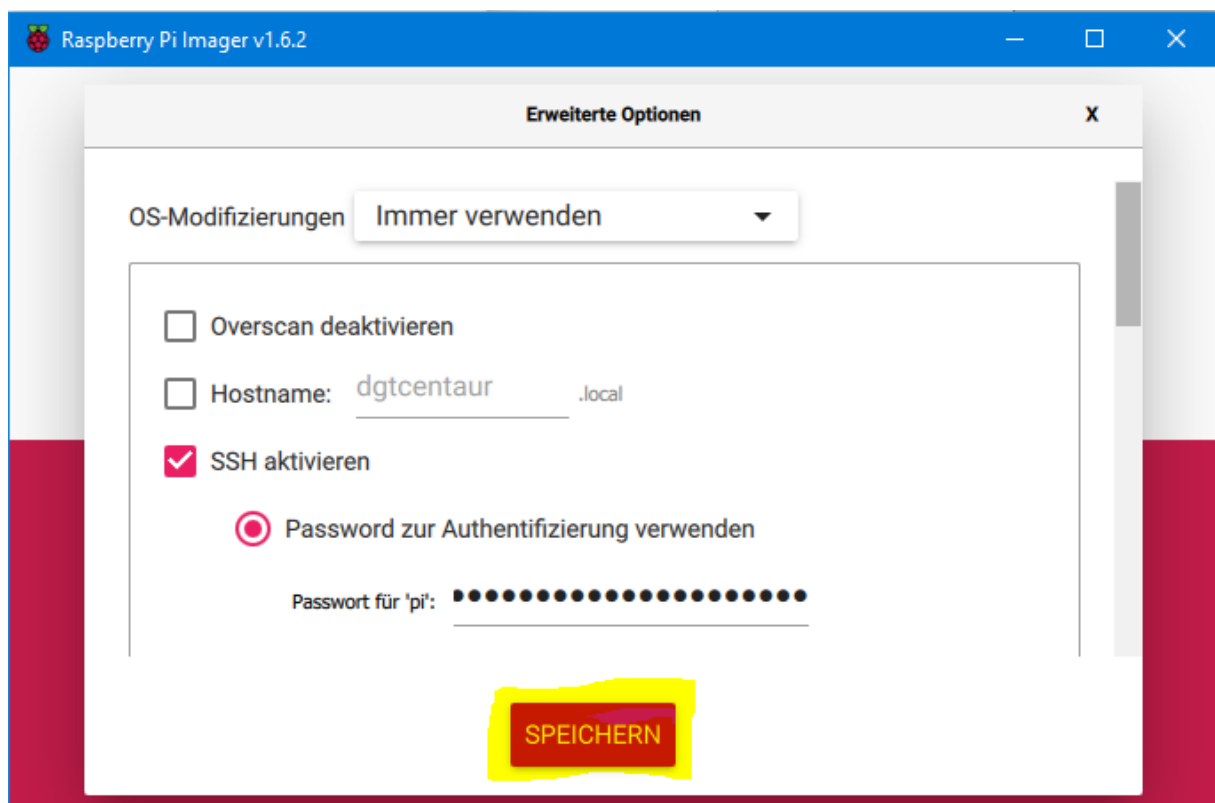
Choose your country in the select box



Optional – enter your country and timezone settings:



Save your settings and write the image to your new SDCard.



Double check you have placed the correct SDCard in your Card reader.





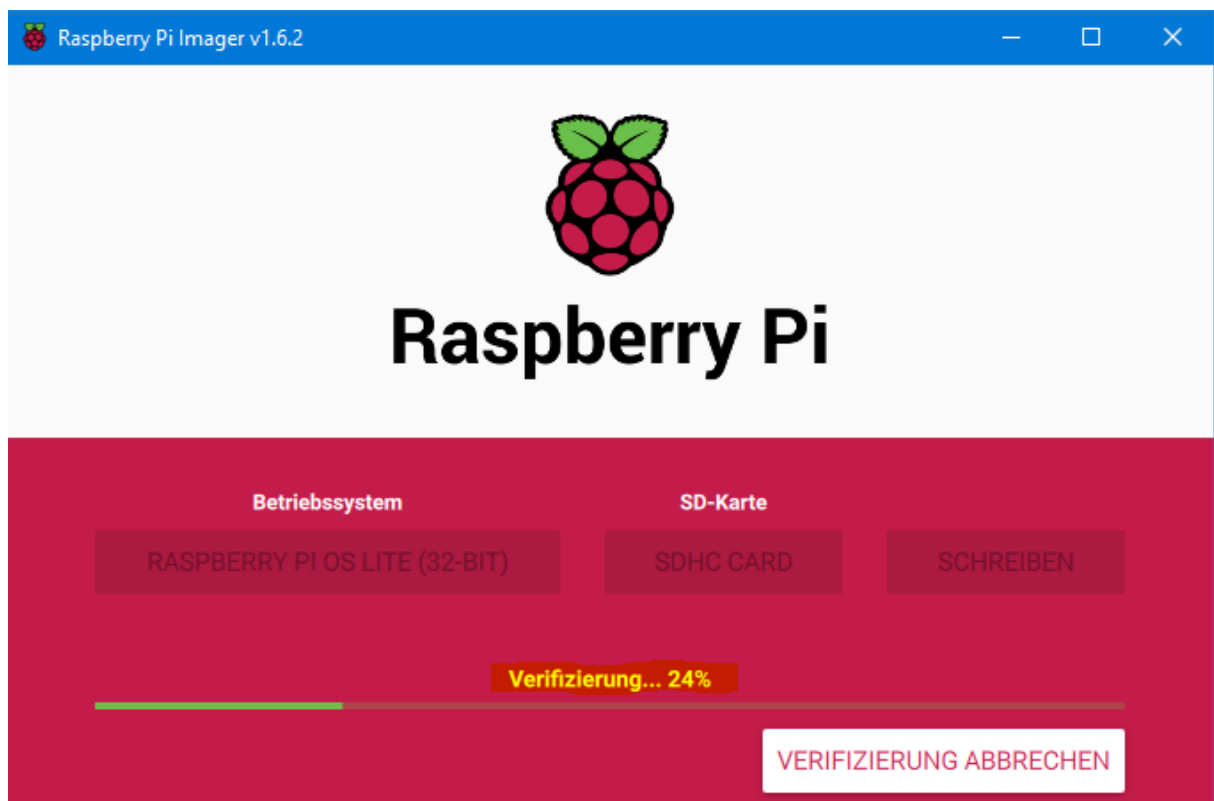
Confirm that all data on your SDCard will be deleted and click „Yes“

The image is written and you can follow the progress:

Please ignore any windows popping up that tell you that the drive can't be read. This is simply because Windows can't cope with the Linux filesystem on the SDCard.

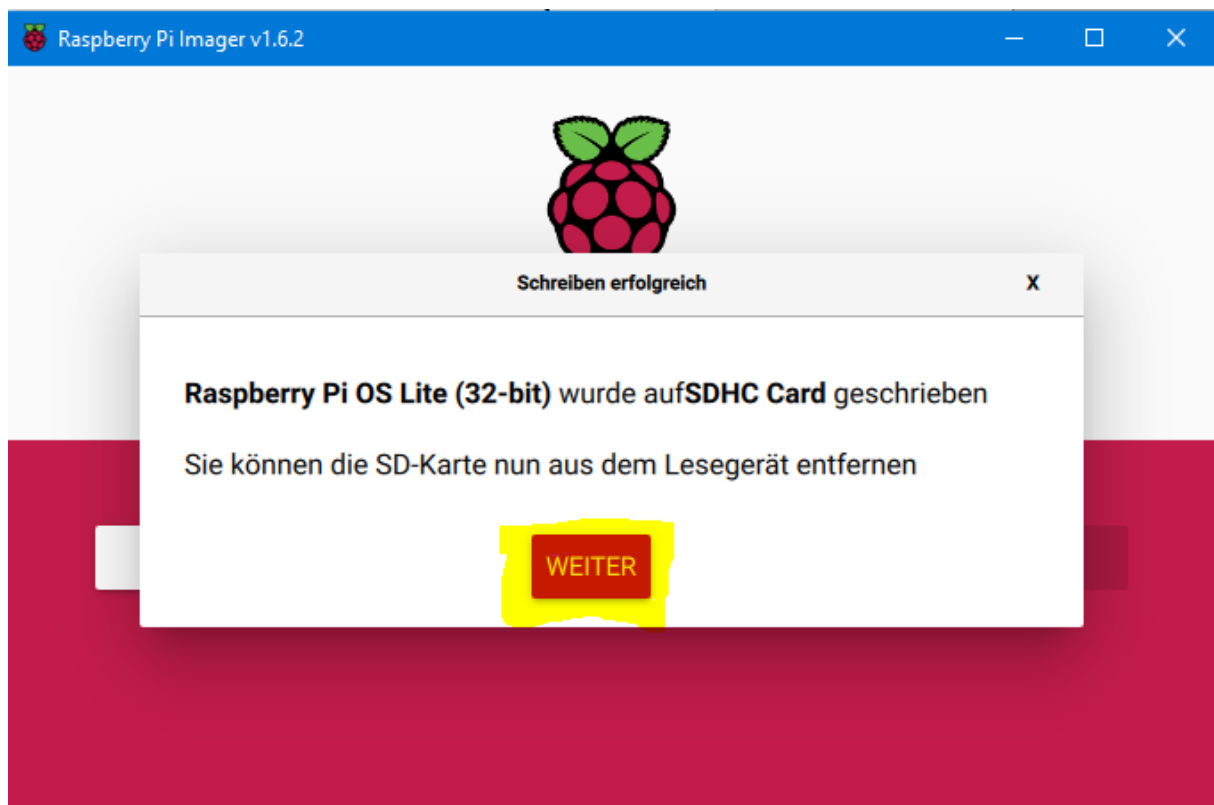


Once written it will verify



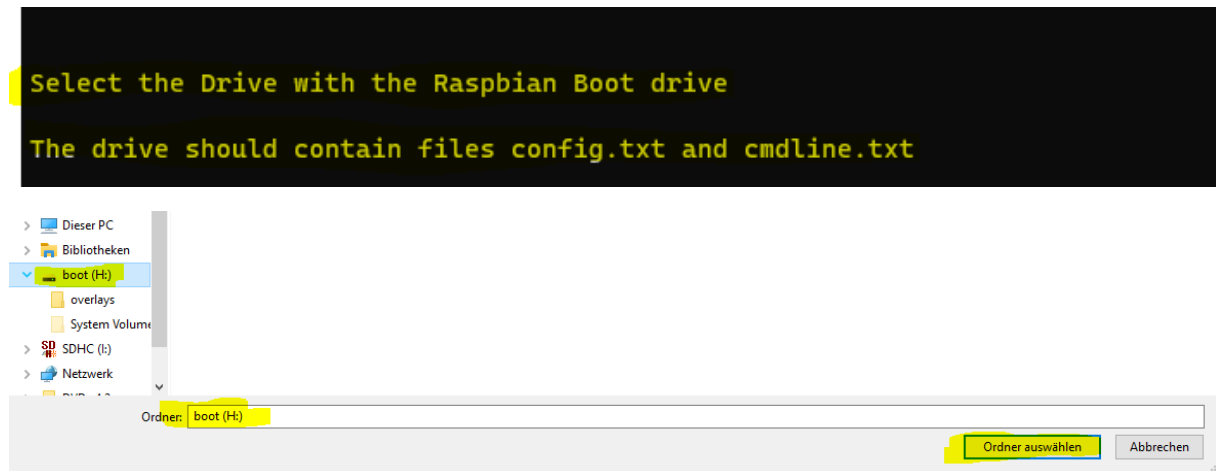
Wait until the process is fully completed.

At the end Raspberry Pi Imager will eject your SDCard from the system – Therefore we need to remove the SDcard and plug it back into your Card Reader.



Click continue and close the RaspBerry Pi Imager program.

The Powershell script will download the latest Release Version from Github and ask you to select the boot Drive on the SDCard:



Select the correct Drive in the new window that opens up.and continue.

The powershell script will copy files to the SDCard and complete the Process.

