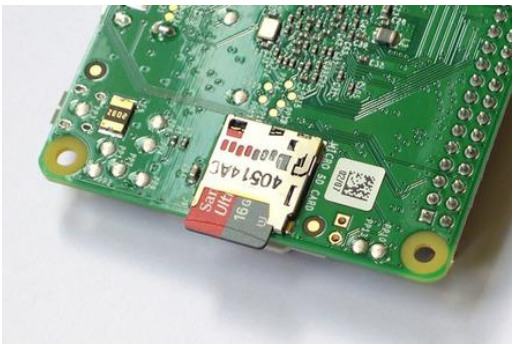
How to make a copy of the Raspberry pi software including the configured show.



It is advisable to make a copy of the Raspberry pi configuration. The operating system as well as the show are stored on a small micro SD card that is inserted in the Raspberry pi. If for some reason the system (Raspberry pi) won't start up properly, you can restore the operating system and show settings to a previously stored working configuration.



Warning 1!
Do not insert or eject this micro SD card while the Raspberry is powered.

Warning 2!
Do not try to add content for the show by transferring data to the SD card using other (windows) computers. Use the instructions in the Raspberry pi – Pi presents manual to add content.

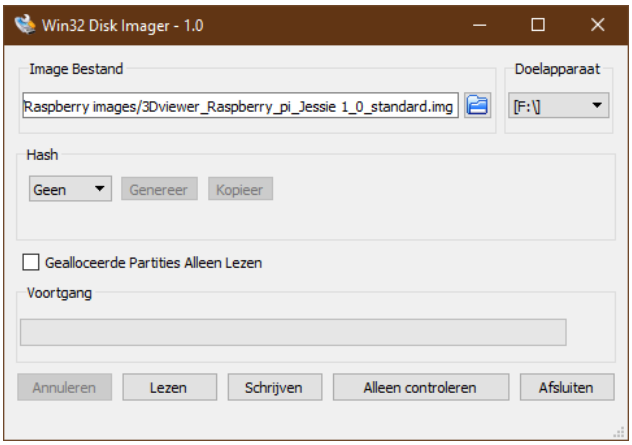
Both above situations might damage the configuration and might cause operational problems.

Making a disk-image of the micro SD card.

Make a copy of the clean installed SD card right after purchase of the system. Or right after the show has been configured successfully.



1. Turn off the Raspberry; by using the turn-off method of the desktop environment. Or pulling out the power plug.
2. Eject the micro SD card at the side of the Raspberry pi enclosure.
3. Insert the micro SD card, optionally by using a micro SD to regular SD card adapter, into a Windows computer.



4. Download the program Win32diskimager and install it on your PC.
5. Click on the floppy disk button.
6. Select a folder where you want to store the disk image.
7. Type a suitable name for the image file and press 'Open'.
8. Select the right 'Device' at the pull down list. Convince your self that you select the drive containing the micro SD card.
9. Press on the 'Read' button and wait until the program finishes the read process. After this a large file of approximately 8 GB is stored on your computer.

10. Properly eject the micro SD card from the Windows computer.
11. Now you can insert the micro SD card back into the Raspberry pi.

Restore a Raspberry disk image to the micro SD card.

Be aware that restoring a disk image back to the micro SD card will erase the current operating system on the micro SD card as well as all the data!

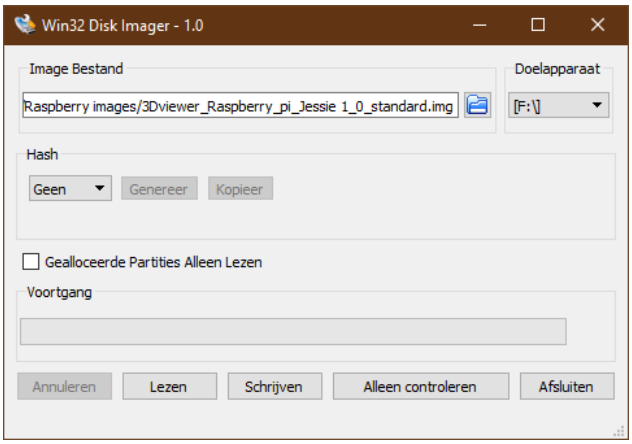
1. Turn off the Raspberry; by using the turn-off method of the desktop environment. Or pulling out the power plug.

You can restore a clean copy of the Raspberry operating system including the Pipresents presentation software or a previously stored system copy with your own show. De Wijs also provides online disk images. Contact de Wijs if you do not find the right disk image or if you are not sure what to download.



2. Eject the micro SD card at the side of the Raspberry pi enclosure.
3. Insert the micro SD card, optionally by using a micro SD to SD card adapter, into a Windows computer.
4. Format the SD card to wipe out all the partitions using: https://www.sdcard.org/downloads/formatter/

5. Download the program Win32diskimager and install it on your PC.
6. Click on the floppy disk button.
7. Select the folder where the disk image is located.
8. Image files can have the .img extension. A downloaded image as .zip file, should be decompressed first. Select the image you want to restore and click op 'Open'.
9. Select the right 'Device' at the pull down list. Convince yourself that you select the drive containing the micro SD card.



10. Press on the 'Write' button and wait until the program finishes the restore process.
11. Properly eject the micro SD card from the Windows computer.

12. Now you can insert the micro SD card back into the Raspberry pi.
13. Power up the Raspberry pi and it should work according to the configuration made at that point in time of disk image creation from where it is restored.