

Guide to using the Reader/Writer Gen3 – The joey-joebags



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Guide written and compiled by: Sandman (mistersandmn@gmail.com)

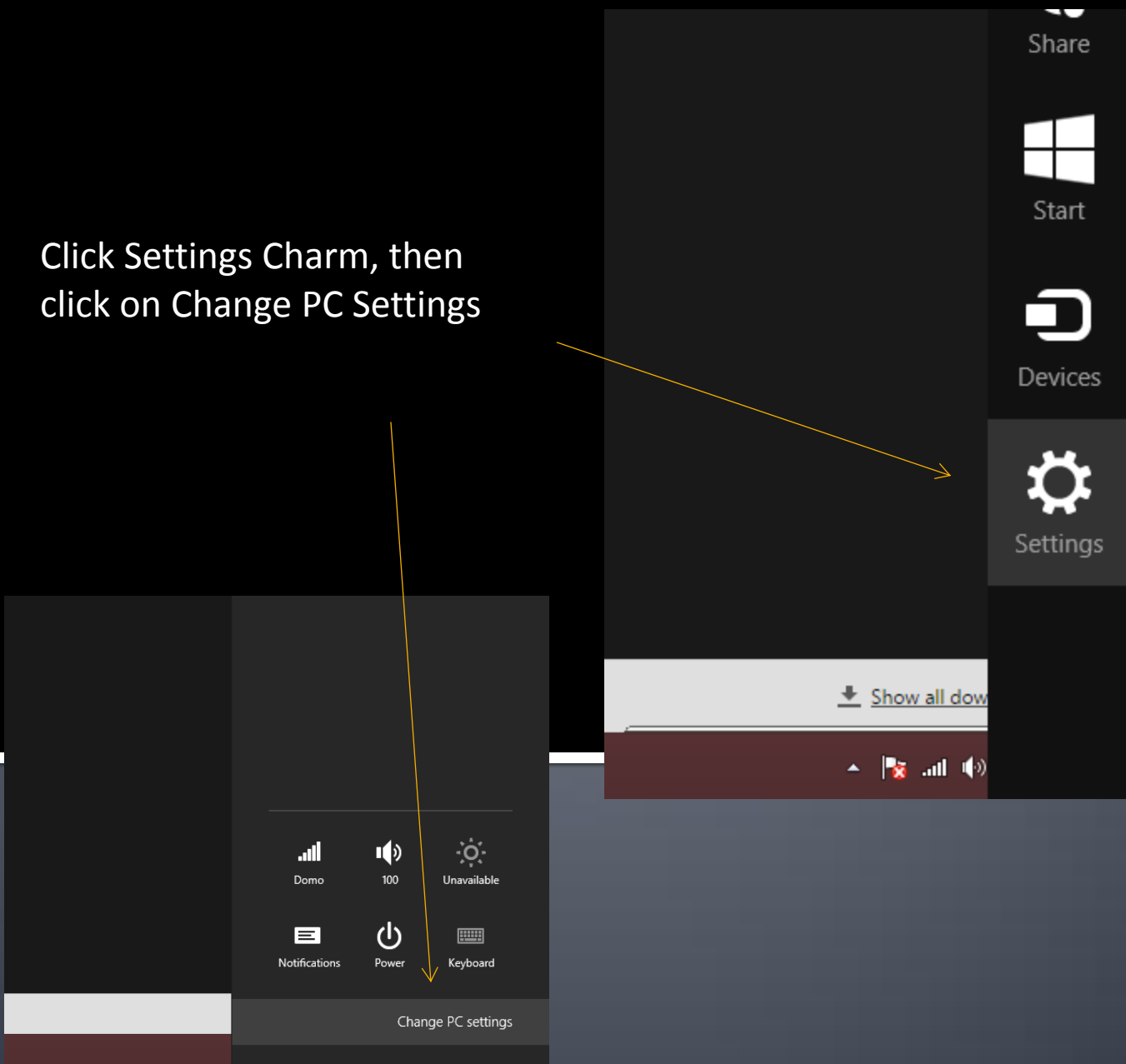
BENN

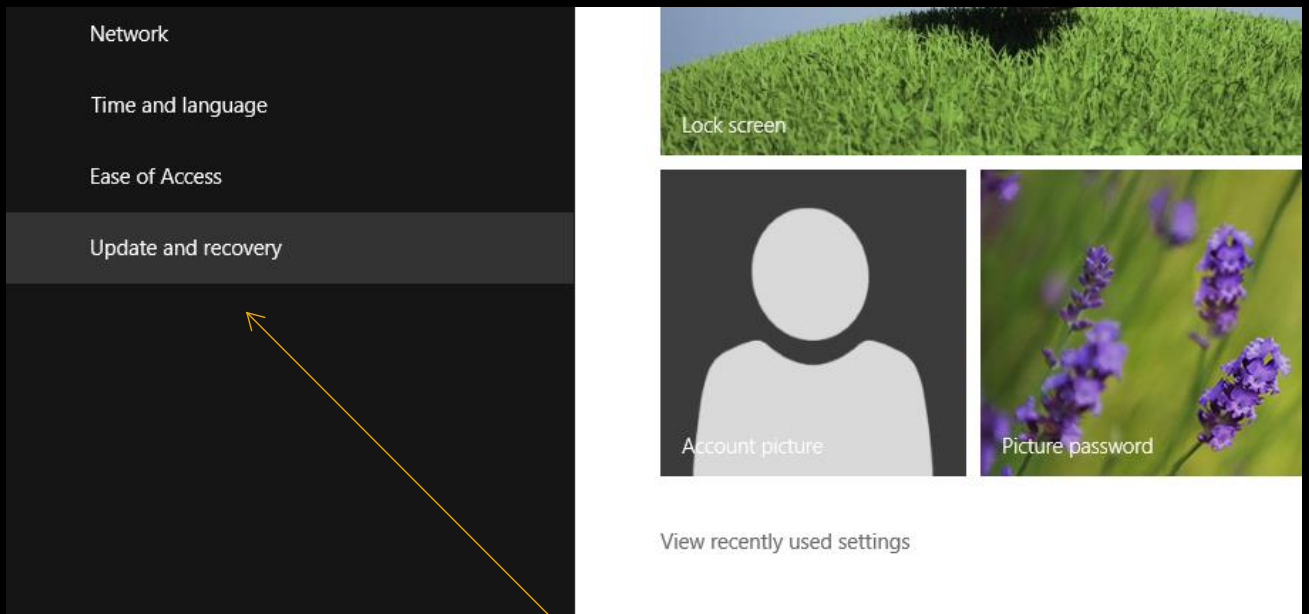
Prerequisites

(only needed if using Windows 8 or 10)

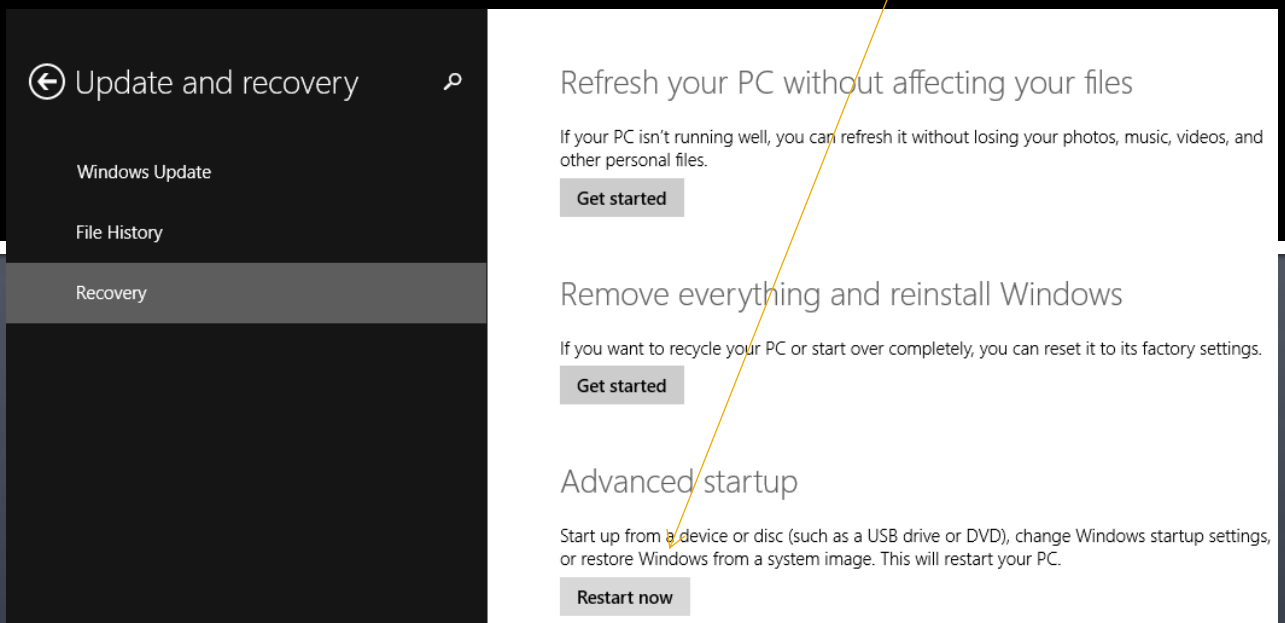
Windows 8 and 10 aren't able to install unsigned drivers like Windows 7 and XP, so a little extra work has to be done. If you have Windows 7 or Windows XP, you can skip this part.

Click Settings Charm, then
click on Change PC Settings

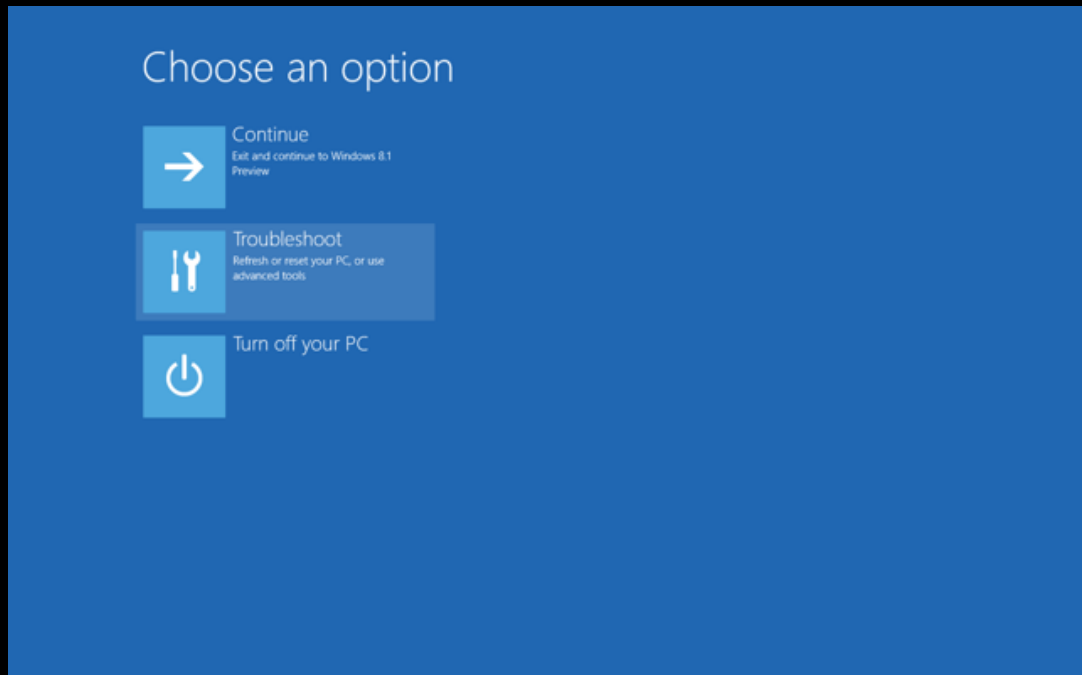




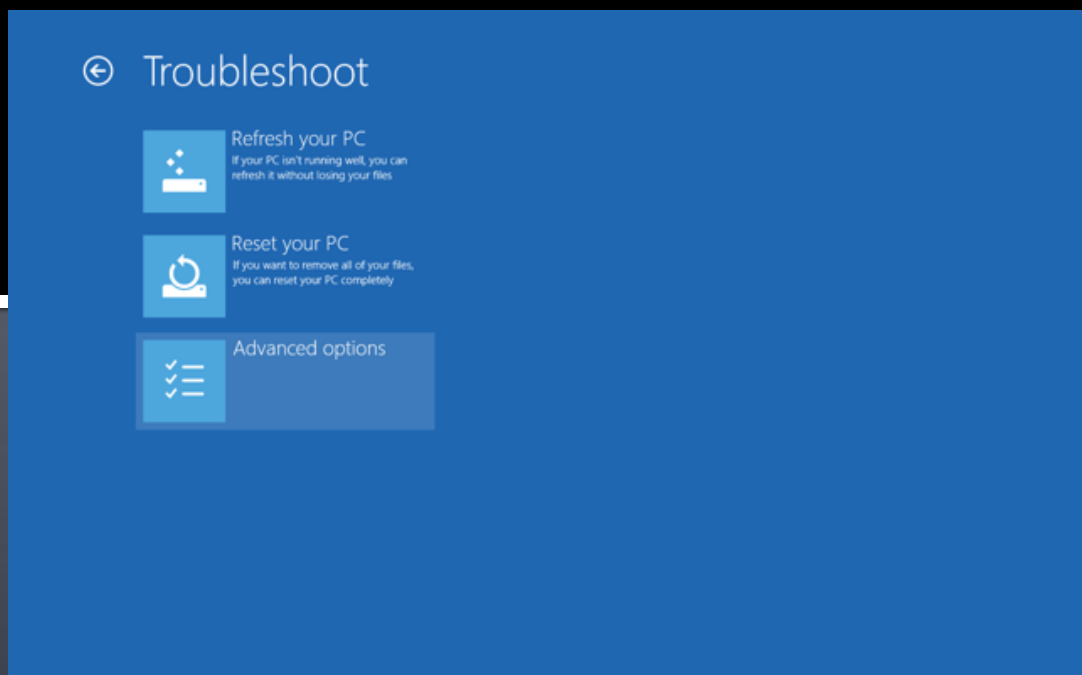
Click on Update and Recovery then click on
"Restart Now" under Advanced Startup



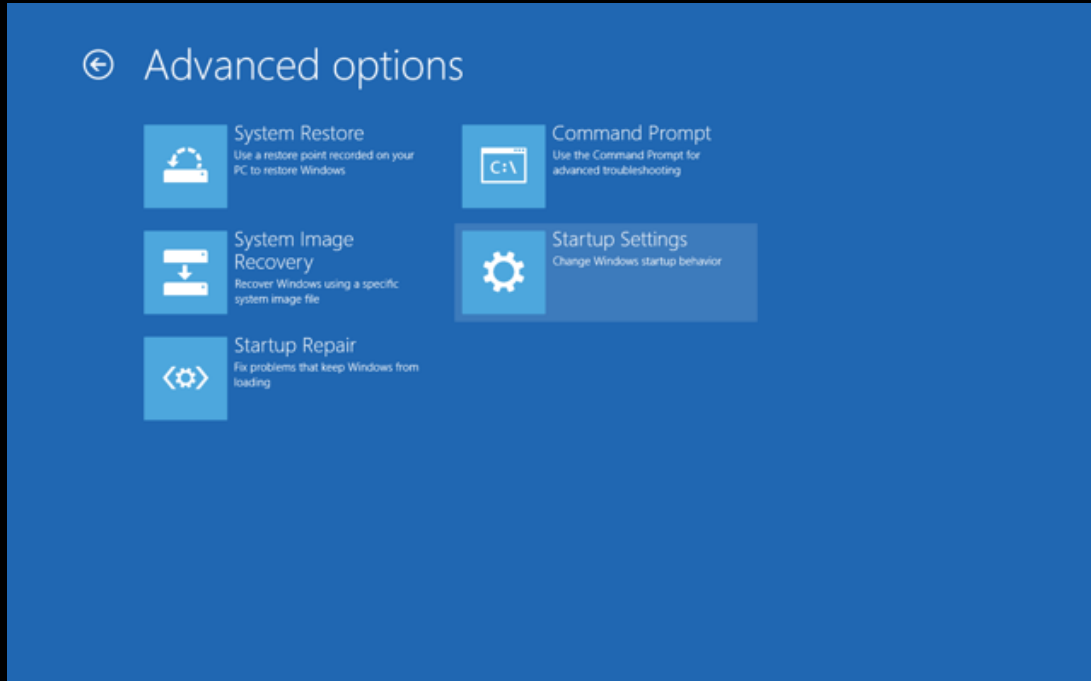
Select Troubleshoot as your option



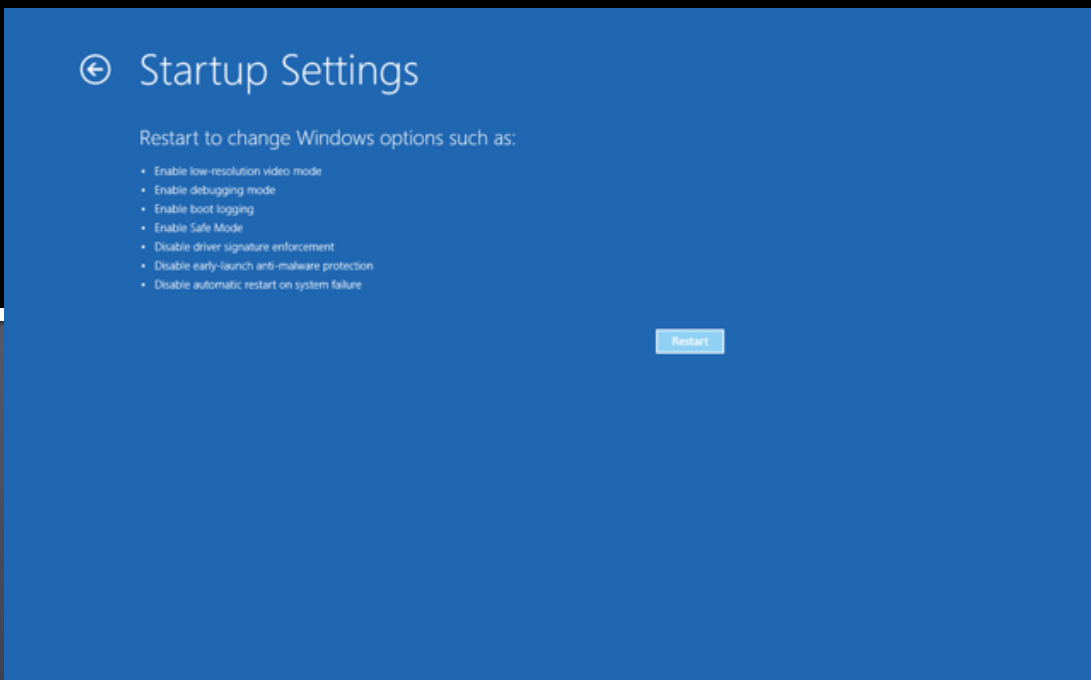
Select Advanced Options



Select Startup Settings



Click "Restart" Button



Once the computer restarts, you'll be presented with this screen. Select option 7 so that you will be booted into Windows without driver signature enforcement.

Startup Settings

Press a number to choose from the options below:

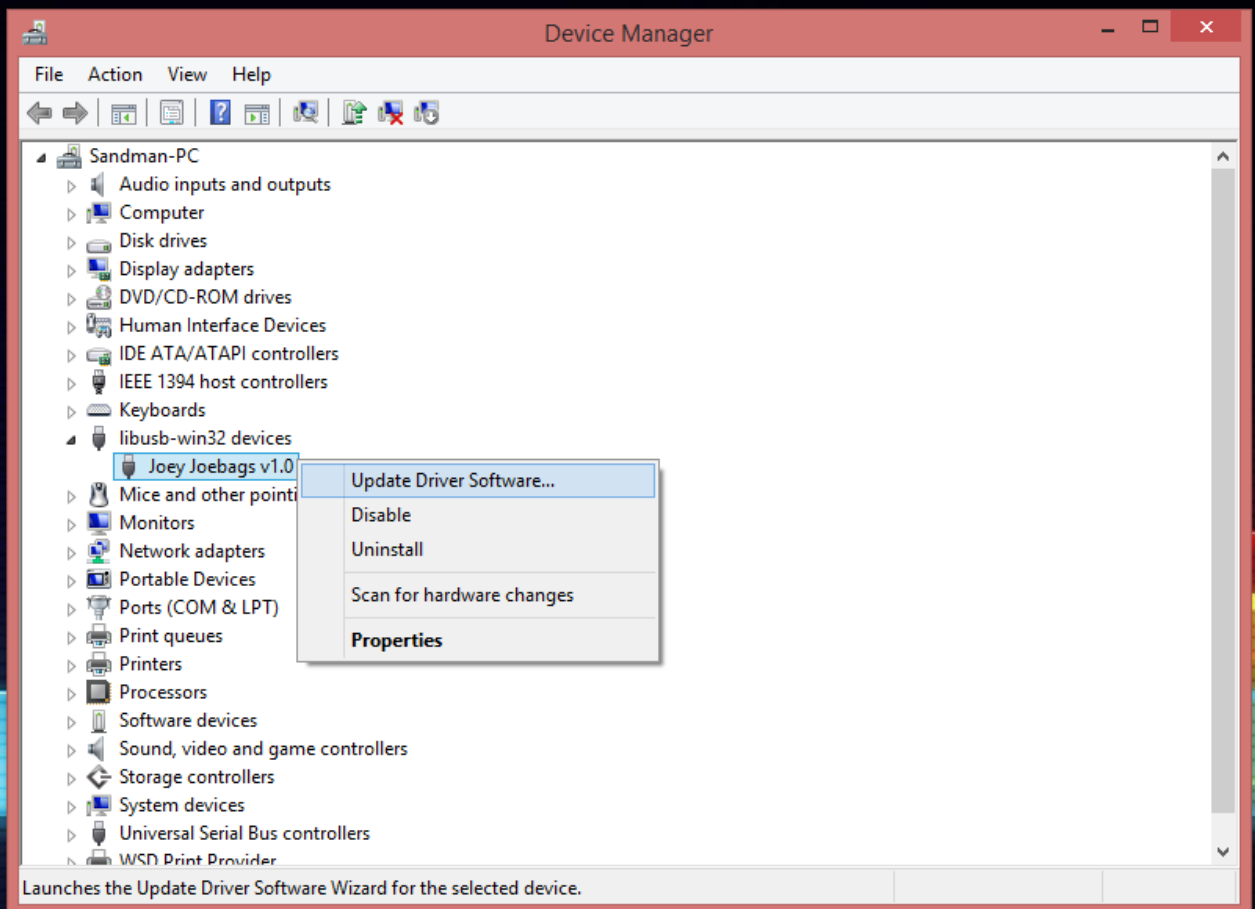
Use number keys or functions keys F1-F9.

- 1) Enable debugging
- 2) Enable boot logging
- 3) Enable low-resolution video
- 4) Enable Safe Mode
- 5) Enable Safe Mode with Networking
- 6) Enable Safe Mode with Command Prompt
- 7) Disable driver signature enforcement
- 8) Disable early launch anti-malware protection
- 9) Disable automatic restart after failure

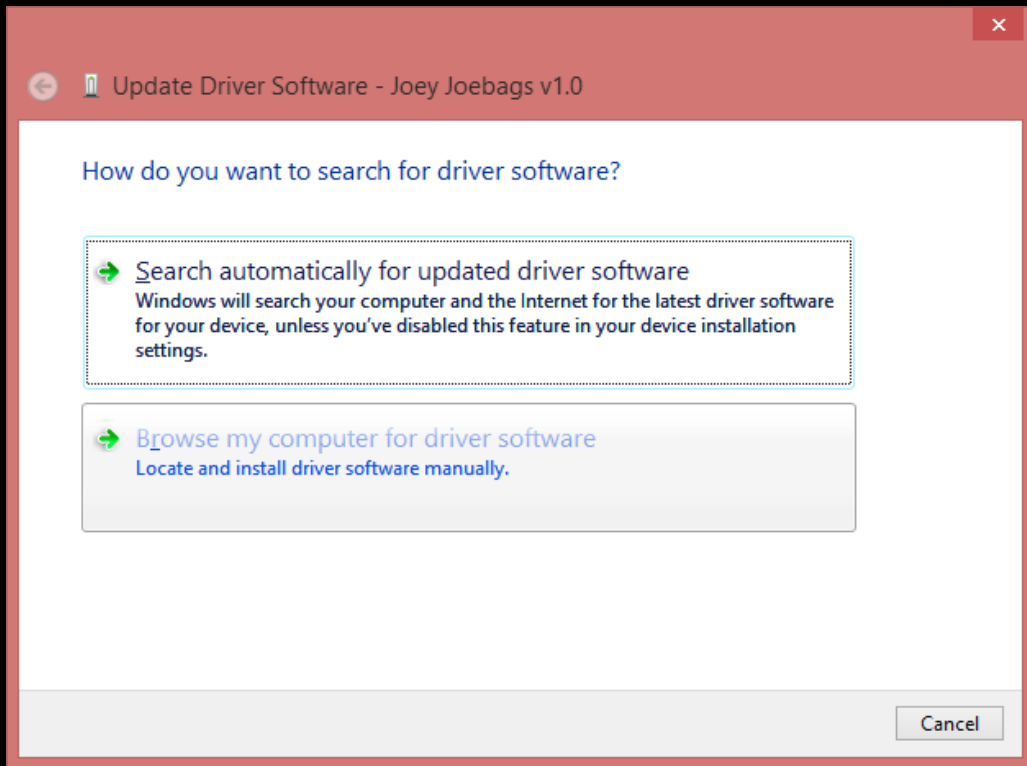
Press F10 for more options

Press Enter to return to your operating system

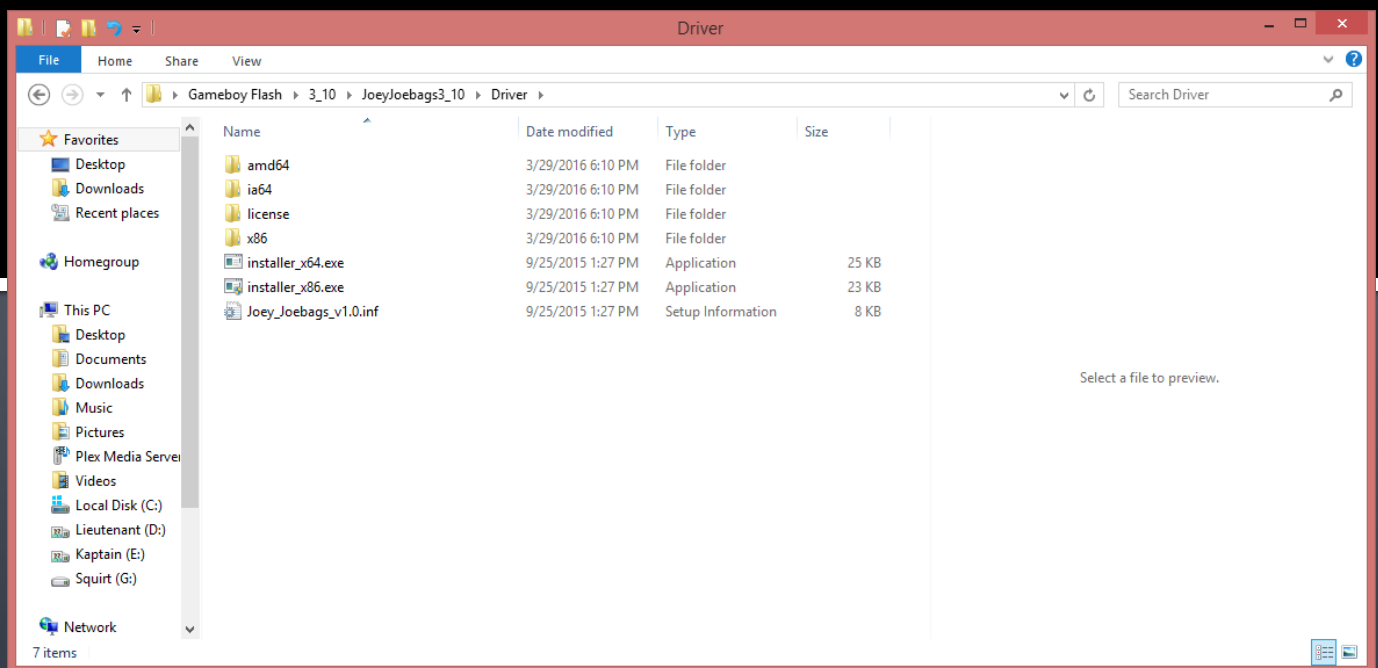
Once the computer boots, plug in your Gen3 Reader/Writer and wait for Windows to give the error that it can't find a proper driver. At that point, open Device Manager and right click on Joey Joebags v1.0 and select "Update Driver Software"



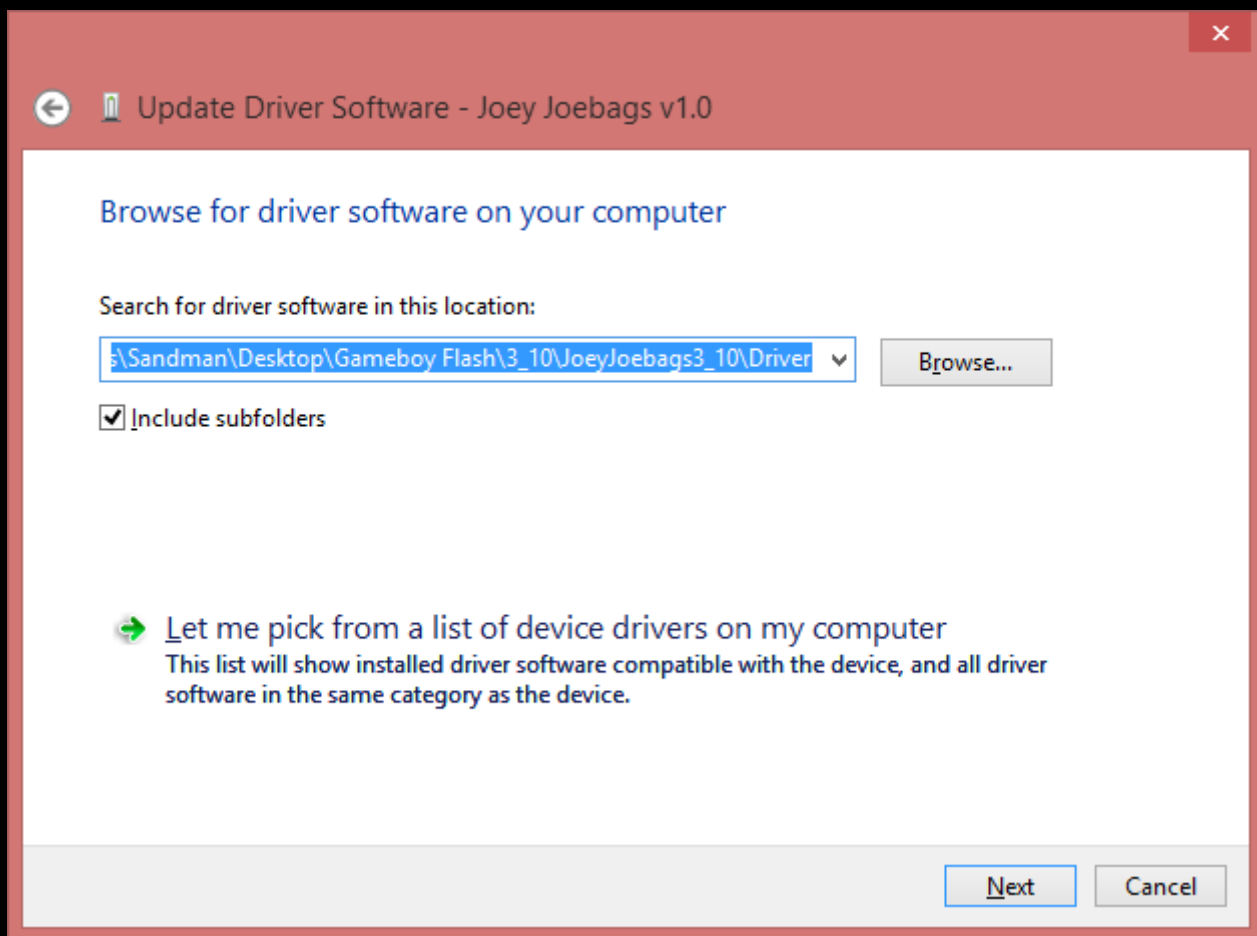
Select "Browse my computer for driver software"



Browse to the folder labelled "Driver" that is in the extracted files from the software downloaded from [BennVenn's website](#)



Once you have the folder containing the driver selected, click ok and then click next. Windows will detect the driver and install it for the Gen3 Reader/Writer.



Now that your device is installed and communicating with Windows, we can use the software to flash roms to your cart

Flashing Roms using the BennVenn's Gen3 Reader/Writer

Useful Links:

Gen3 Reader/Writer Software and Rom Compiler
<http://bennvenn.myshopify.com/pages/downloads>

Step 1: Building the Output files

Download and extract the Rom Compiler (setup.rar) and run the setup.exe located within the extracted folder. This will install the needed files to run the compiling program.

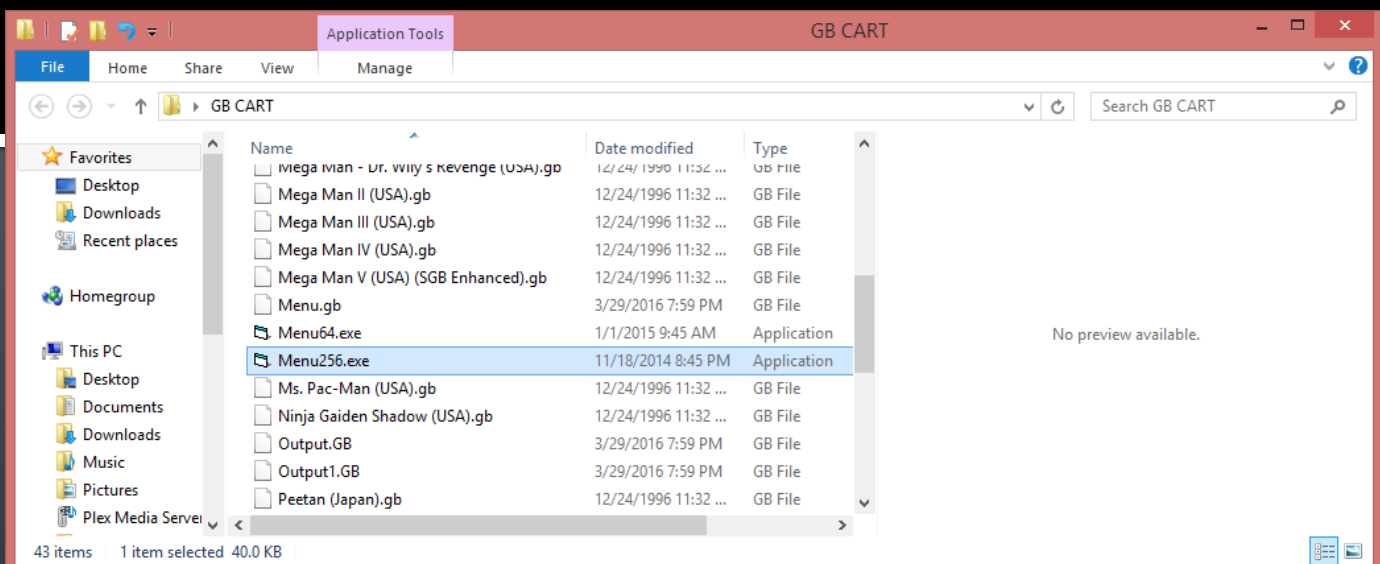
After the installation process completes, copy the folder "GB CART – Copy to desktop" to your desktop. Then rename the folder to "GB CART"

For the rest of this step, everything will reside in the root of this folder. If not, the output files will not compile correctly.

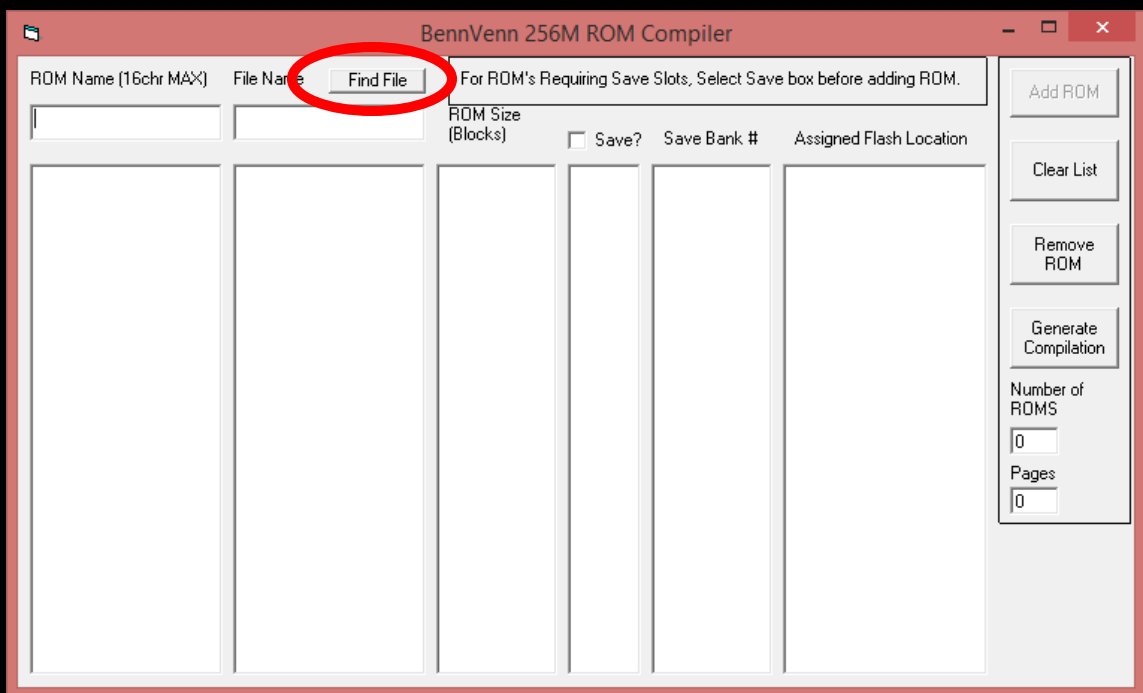
For the sake of this guide, we will be using a 256M Cart as the example.

Within the GB CART folder, place all roms you would like to compile into the output file.

After all of the roms are copied, double click on Menu256.exe (Menu64.exe if using a smaller card)



Start adding roms by selecting “Find File” and browsing to the first rom you want to add to the list. Remember, these should be in the GB CART folder. Click “Add Rom” after you’ve selected the appropriate GB file.



If your rom needs to have a save file, check the “Save?” check box before clicking “Add Rom”. On the 256M cart, there can only be 16 save slots, so be careful to verify your cart’s specifications before beginning.

BennVenn 256M ROM Compiler

ROM Name (16chr MAX) File Name Find File For ROM's Requiring Save Slots, Select Save box before adding ROM.

Legend of Zelda, C:\Users\Sandman\Desktop

ROM Size (Blocks) ☒ Save? Save Bank # Assigned Flash Location

KIRBY'S DREAM LA	C:\Users\Sandman\Desktop	8	N	N/A	0
NINJA GAIDEN SHA	C:\Users\Sandman\Desktop	4	N	N/A	0
DR. MARIO (WORLD	C:\Users\Sandman\Desktop	1	N	N/A	0
SUPER MARIO LAND	C:\Users\Sandman\Desktop	2	N	N/A	0
LEGEND OF ZELDA,	C:\Users\Sandman\Desktop	16	Y	0	16

Add ROM

Clear List

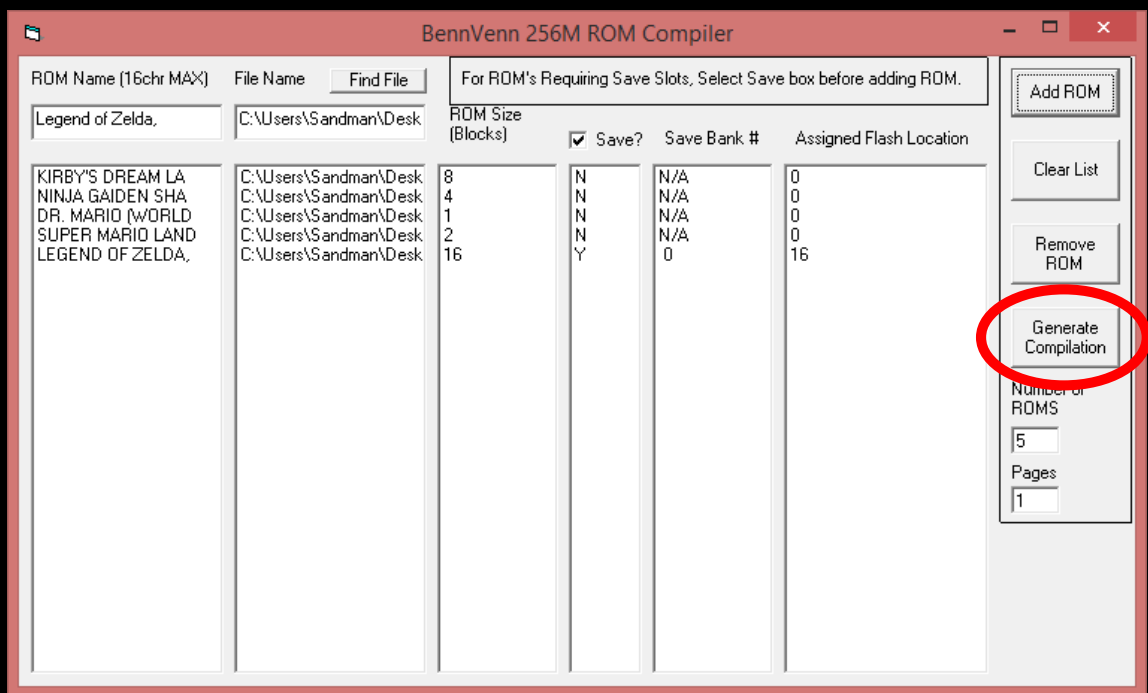
Remove ROM

Generate Compilation

Number of ROMS 5

Pages 1

After you have all of the roms added to the list, click on "Generate Compilation". The rest of the buttons will grey out and the files will be output to the GB CART Folder



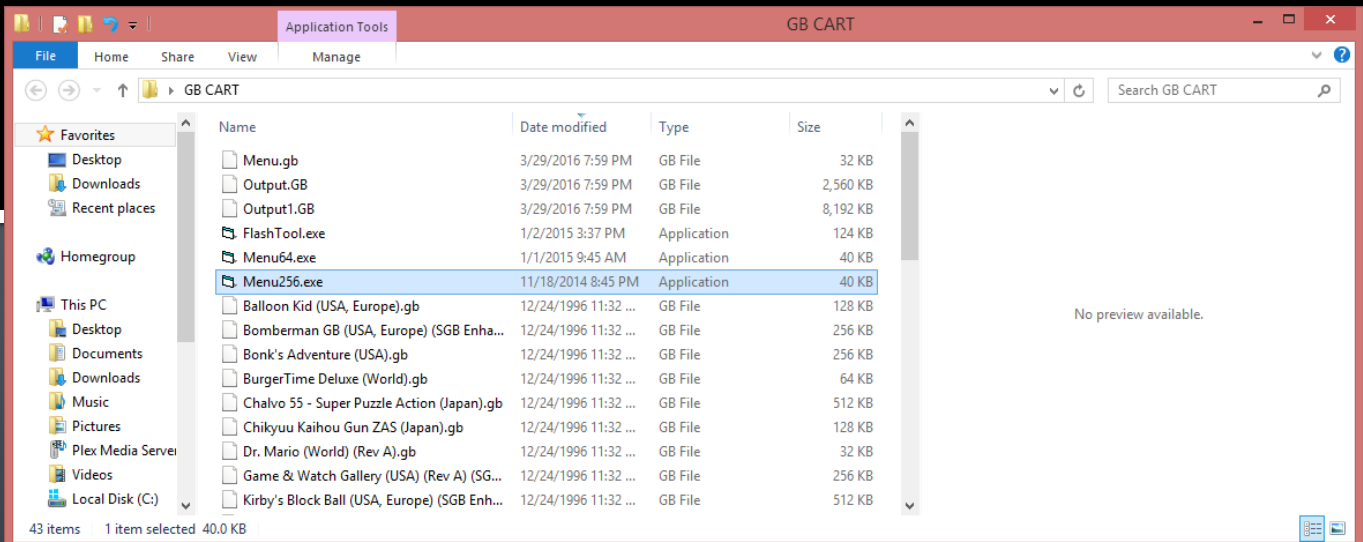
The compiler will output Menu.gb, Output.gb, and however many Output files it needs to fit the roms you have selected (Output1.gb, Output2.gb, etc.)

Output.gb is used for debugging, so be careful not to confuse this with the others when adding the output files to the flash cart.

Once this is done, we are ready to add the files to the cart.

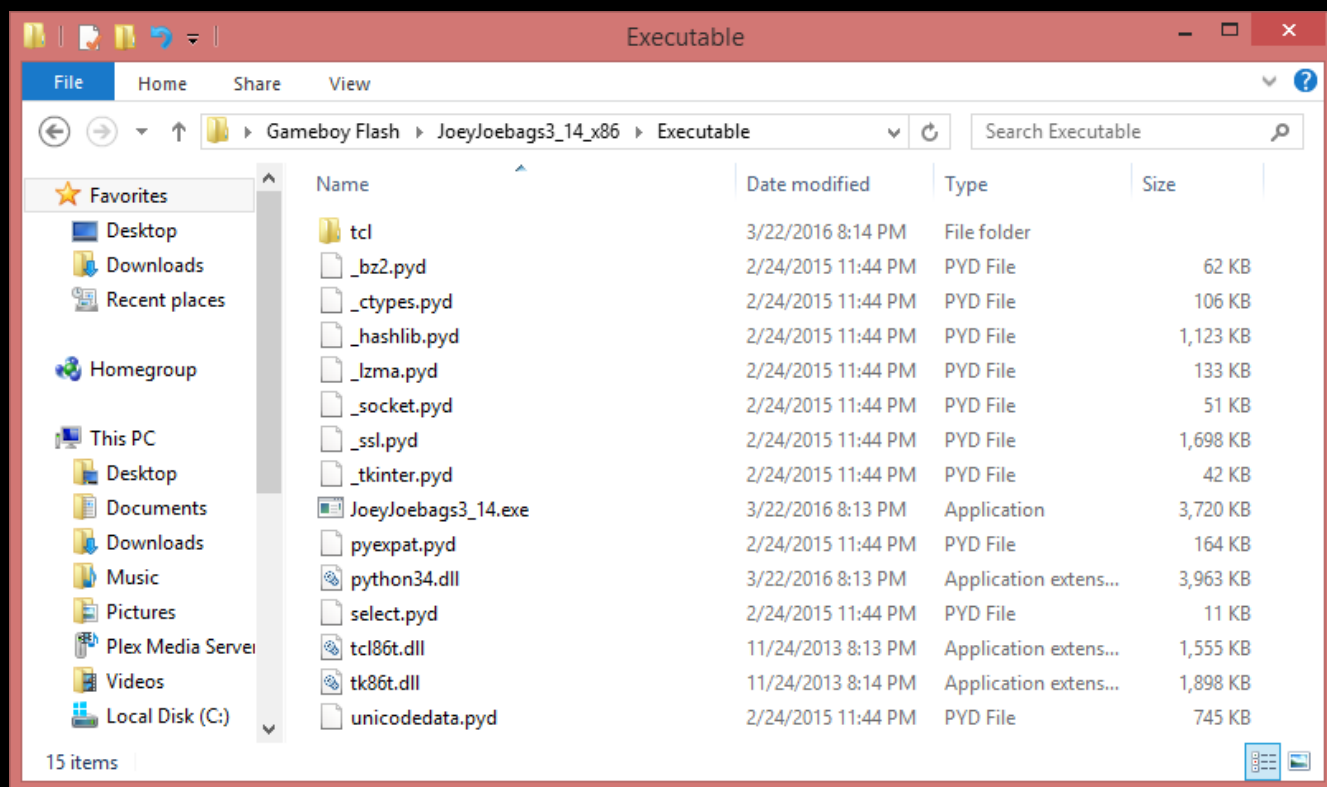
Optional:

If you wanted to make sure the menu was properly built, you can open Menu.gb in a gameboy emulator and see how the menu would appear after it has been written to the cart. This isn't necessary, just an extra debugging step if needed.

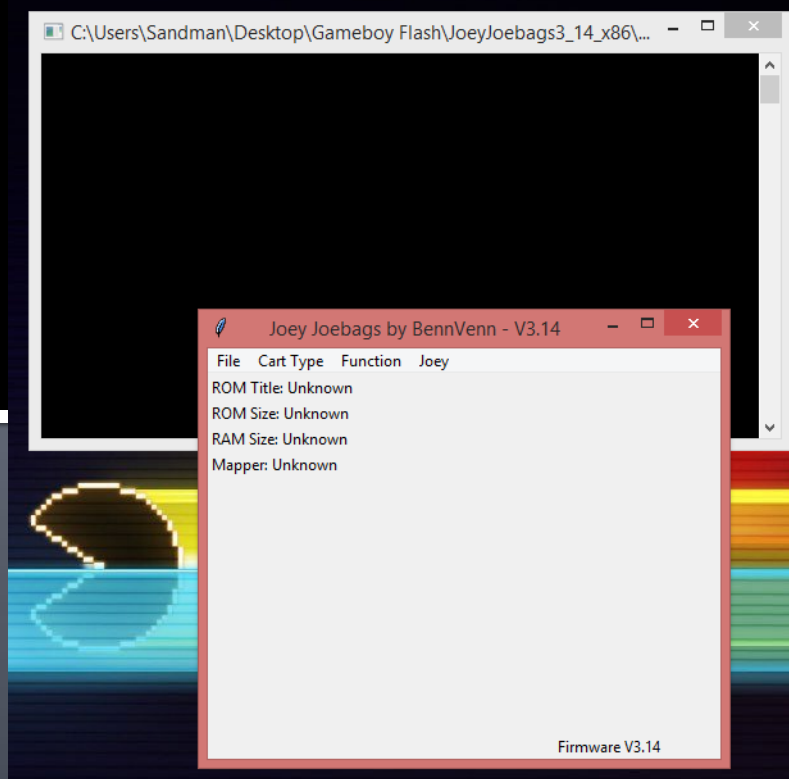


Step 2: Writing to the Flash Cart

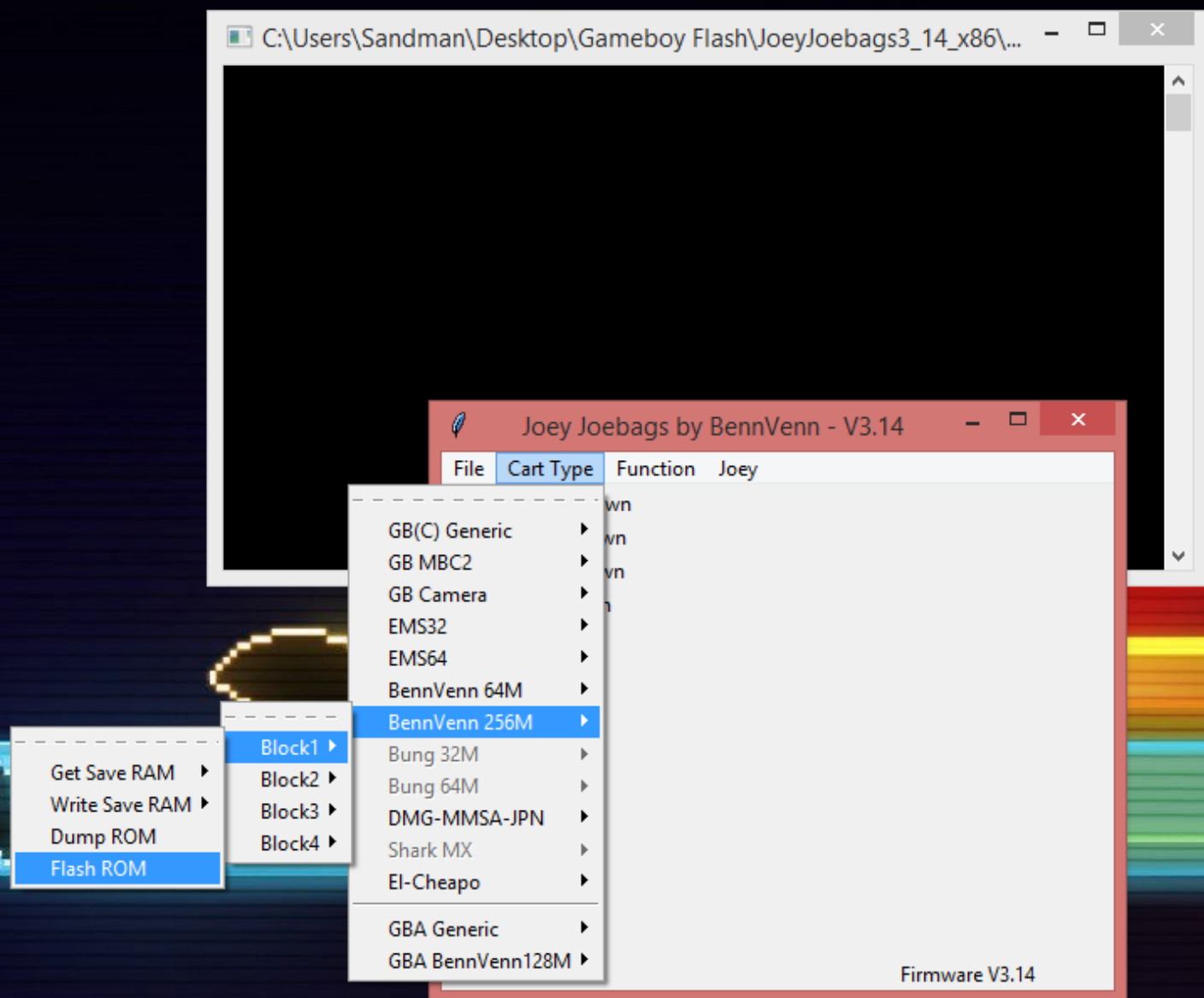
Open the folder with the extracted files from the downloaded software package



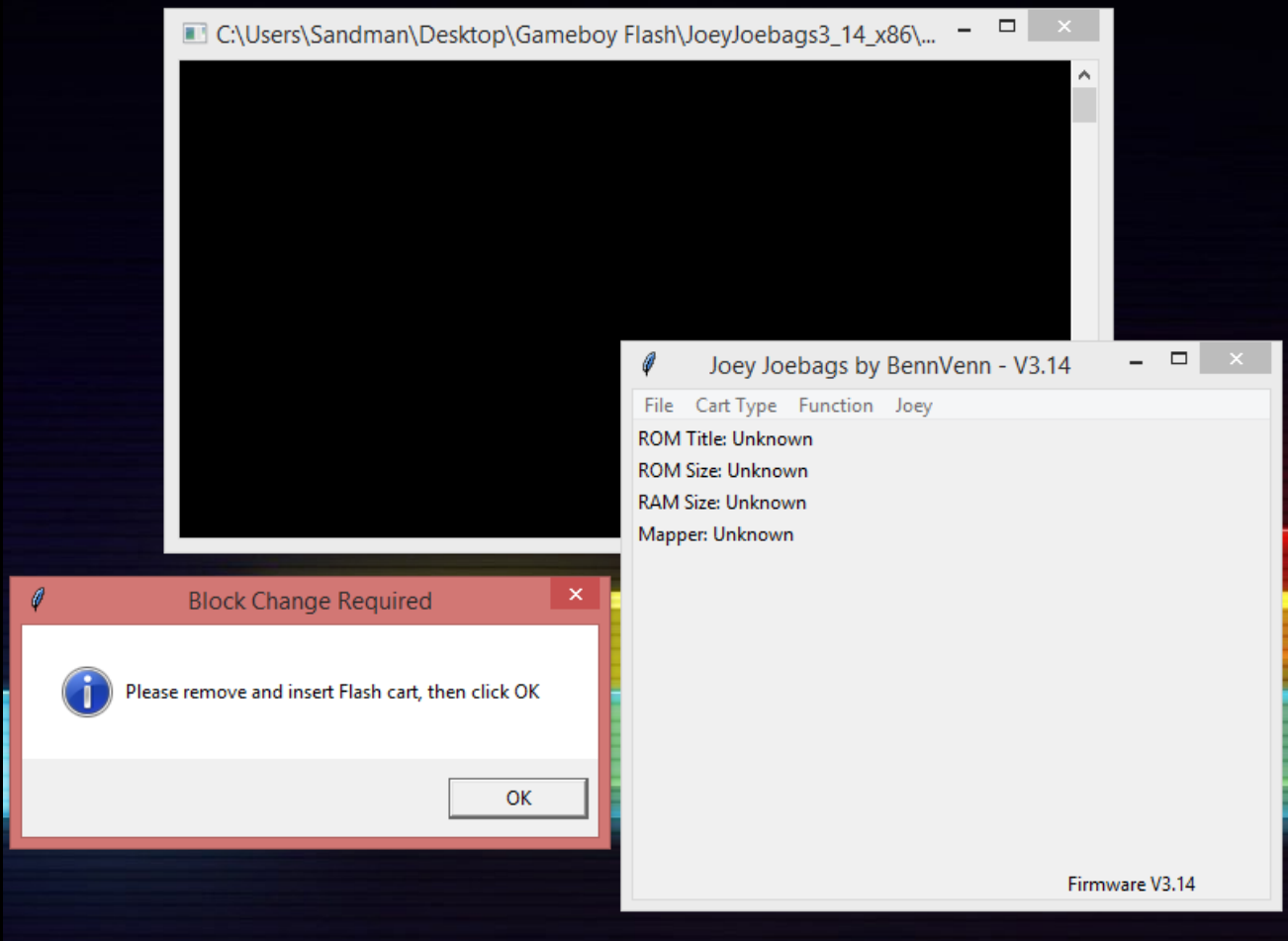
Run
"JoeyJoebags3_14.exe"
and it will open the
software as well as a
command prompt
window



Select cart type, select Block #, and click "Flash ROM". The program will then prompt you to pick a .GB file. Choose the Output file # that corresponds to the selected Block (i.e. Output1.gb for Block1, Output2.gb for Block2, etc.)



After you select the appropriate Output file, a message will pop up to remove and insert the Flash cart. Do this, and then click "OK"



It will erase Blocks 1-63 then it will write the ROM data. It takes several minutes per block, so give it time to write everything properly.

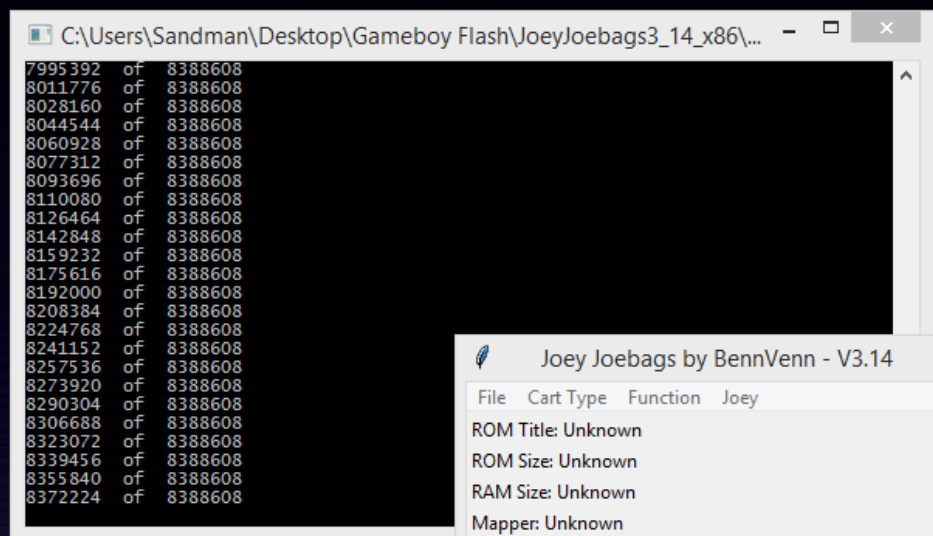
```
C:\Users\Sandman\Desktop\Gameboy Flash\JoeyJoebags3_14_x86\...  
671744 of 8388608  
688128 of 8388608  
704512 of 8388608  
720896 of 8388608  
737280 of 8388608  
753664 of 8388608  
770048 of 8388608  
786432 of 8388608  
802816 of 8388608  
819200 of 8388608  
835584 of 8388608  
851968 of 8388608  
868352 of 8388608  
884736 of 8388608  
901120 of 8388608  
917504 of 8388608  
933888 of 8388608  
950272 of 8388608  
966656 of 8388608  
983040 of 8388608  
999424 of 8388608  
1015808 of 8388608  
1032192 of 8388608  
1048576 of 8388608
```

Joey Joebags by BennVenn - V3.14 (Not ...

File	Cart Type	Function	Joey
ROM Title: Unknown			
ROM Size: Unknown			
RAM Size: Unknown			
Mapper: Unknown			

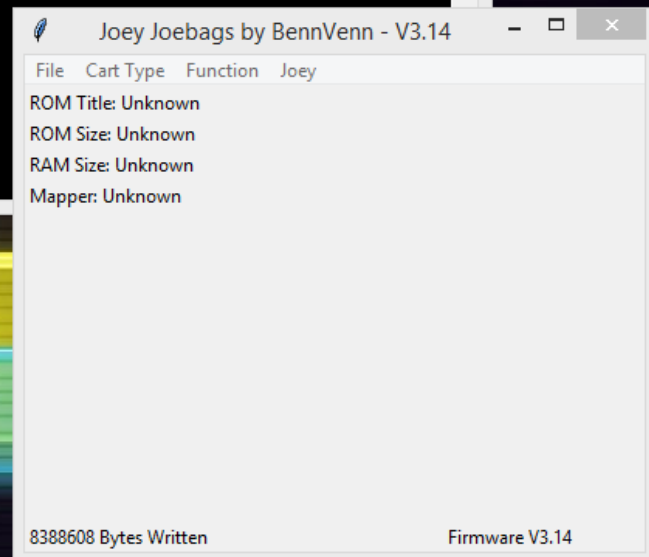
Firmware V3.14

When the write process is finished, you will be presented with a message to remove and insert the Flash cart again. Do this, then click "OK". Repeat process for Blocks 2-4 (if needed)



C:\Users\Sandman\Desktop\Gameboy Flash\JoeyJoebags3_14_x86\...

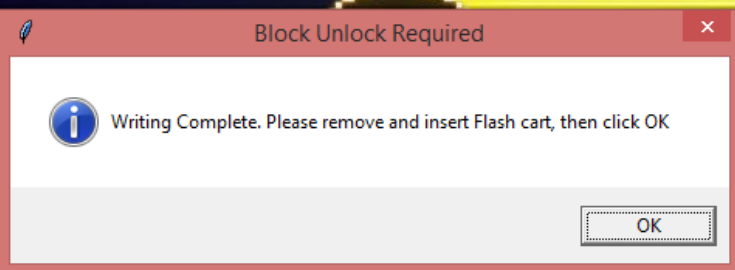
7995392	of	8388608
8011776	of	8388608
8028160	of	8388608
8044544	of	8388608
8060928	of	8388608
8077312	of	8388608
8093696	of	8388608
8110080	of	8388608
8126464	of	8388608
8142848	of	8388608
8159232	of	8388608
8175616	of	8388608
8192000	of	8388608
8208384	of	8388608
8224768	of	8388608
8241152	of	8388608
8257536	of	8388608
8273920	of	8388608
8290304	of	8388608
8306688	of	8388608
8323072	of	8388608
8339456	of	8388608
8355840	of	8388608
8372224	of	8388608




Joey Joebags by BennVenn - V3.14

File	Cart Type	Function	Joey
ROM Title: Unknown			
ROM Size: Unknown			
RAM Size: Unknown			
Mapper: Unknown			

8388608 Bytes Written Firmware V3.14



Block Unlock Required

 Writing Complete. Please remove and insert Flash cart, then click OK

OK