

Quick-Manual for Virtual Yourself (VY)

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Minimum Hardware and Software Requirements for CPU and GPU mode

Webcam	<ul style="list-style-type: none">• 480p Webcam
CPU	<ul style="list-style-type: none">• Intel i7 4+ core CPU (or AMD equivalent) (CPU mode)
GPU	<ul style="list-style-type: none">• Nvidia GTX 1050 (GPU mode)
RAM	<ul style="list-style-type: none">• 4GB RAM
Storage	<ul style="list-style-type: none">• At least 1GB Storage
Software	<ul style="list-style-type: none">• Anaconda
Programming language	<ul style="list-style-type: none">• Python (Version <= 3.7)
Environment	<ul style="list-style-type: none">• Windows 10 64-bit version• MacOS Catalina 64-bit version

Important Reminder: Please make sure Anaconda have been installed in your computer. Please go to <https://docs.anaconda.com/anaconda/install/> to install Anaconda.

Default Anaconda directory is recommended

Recommended Hardware and Software Requirements for CPU and GPU mode

Webcam	<ul style="list-style-type: none">• 1080p Webcam
CPU	<ul style="list-style-type: none">• Intel i7 7+ core CPU (or AMD equivalent) (CPU mode)
GPU	<ul style="list-style-type: none">• Nvidia GTX 1060 or above (GPU mode)
RAM	<ul style="list-style-type: none">• 16GB RAM
Storage	<ul style="list-style-type: none">• At least 5GB Storage
Software	<ul style="list-style-type: none">• Anaconda
Programming language	<ul style="list-style-type: none">• Python (Version <= 3.7)
Environment	<ul style="list-style-type: none">• Windows 10 64-bit version• MacOS Catalina 64-bit version

Important Reminder: Please make sure Anaconda have been installed in your computer. Please go to <https://docs.anaconda.com/anaconda/install/> to install Anaconda.

Default Anaconda directory is recommended

Install Method for first time user:

1. Please install the application from FYP share folder or using the link:

<https://drive.google.com/file/d/1v3C7ba24Xt5bexl6U0A9fMyn3ue6xRuN/view?usp=drivesdk>

「Google 雲端硬碟」無法掃描這個檔案的病毒。

FYP.rar (218M) 檔案過大，Google 無法掃描病毒。您仍然想下載這個檔案嗎？

仍要下載

Important notes:

Please put the FYP.rar file under C:\Users\"user"\Downloads\ Directory to prevent unnecessary crashing.



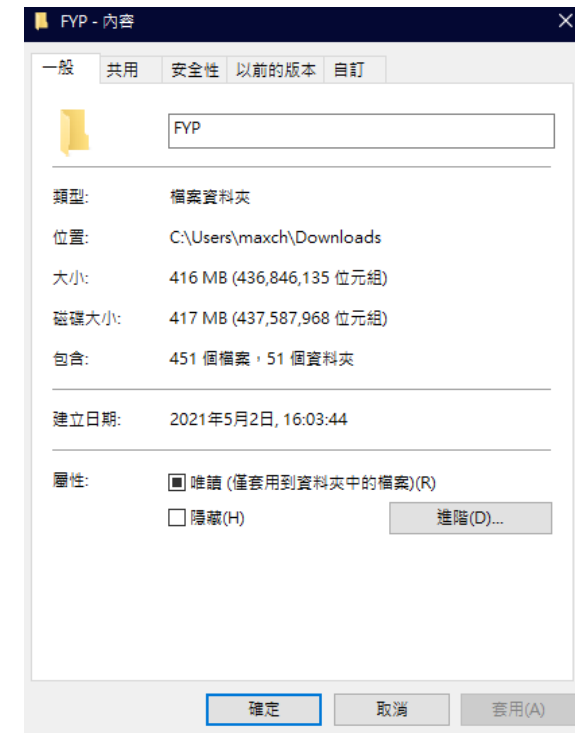
2. Unzip the rar file and put then unzip file under

Important Notice:

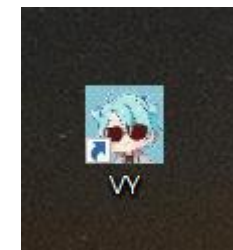
WinRAR is hugely recommended to use for downloading the application.

Link: <https://rar.tw/download.html>

If you used another unzip application eg. 7-zip to decompress FYP.rar and an error “No existing file found/ specified” occurred, please follow the instruction in p.10 Q4



3. Click on the FYP file and Search for “VY” application
directory: C:\Users\maxch\Downloads\FYP\FYP
drag the application to the desktop.



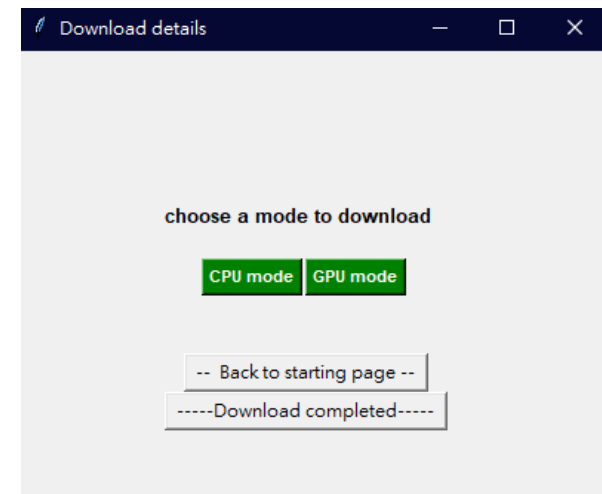
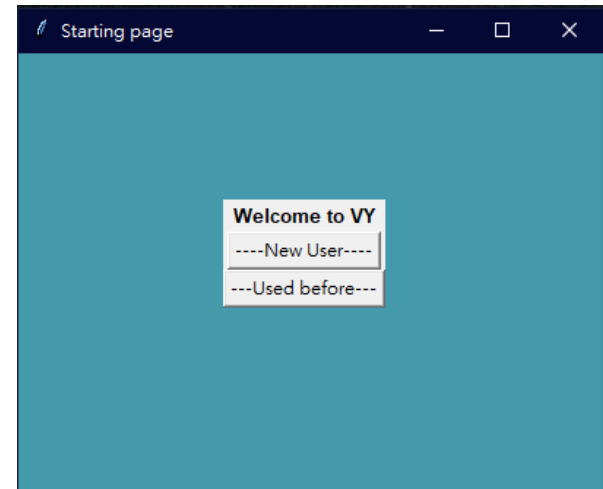
4. Click on the icon and enter GUI *Starting page*

5. Select “New User” and enter *Download Details*.

6. Select the mode which you prefer to download for.
(You can download another mode after you have installed)

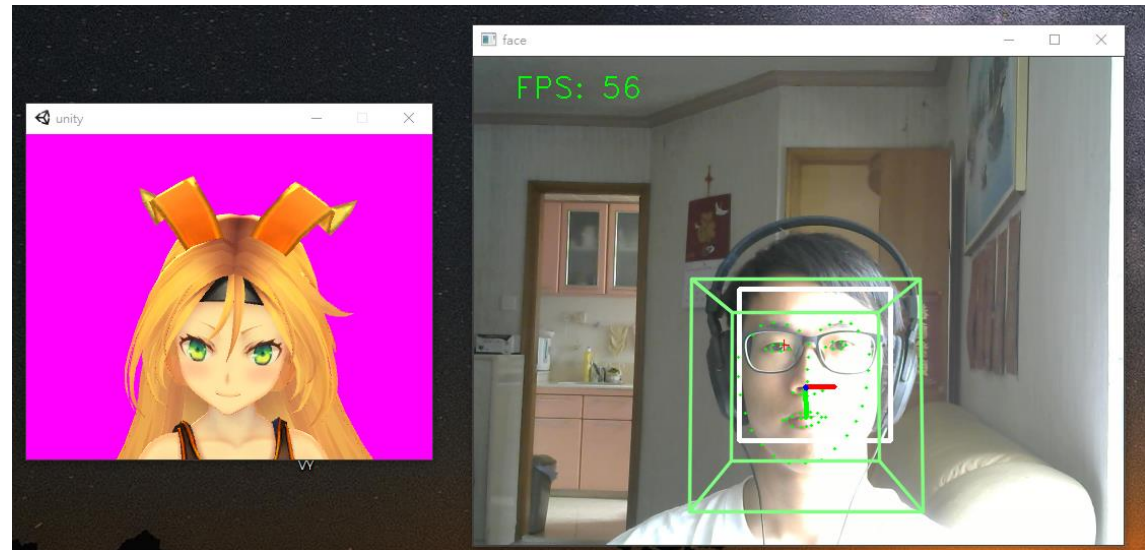
7. The library downloading screen will automatically close after all library needed is finished.

8. Click on “Download completed” and choose the mode you have downloaded.



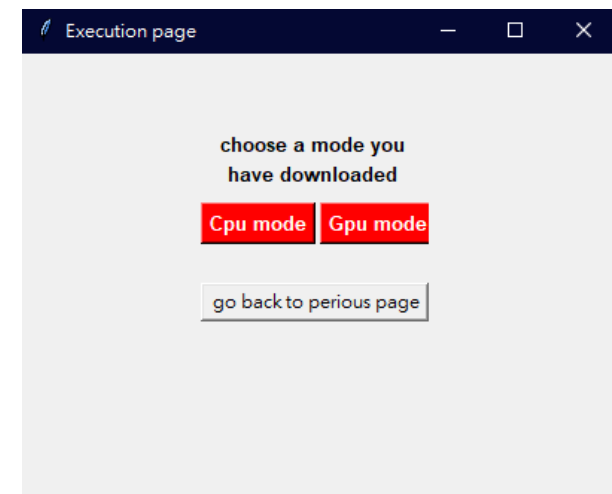
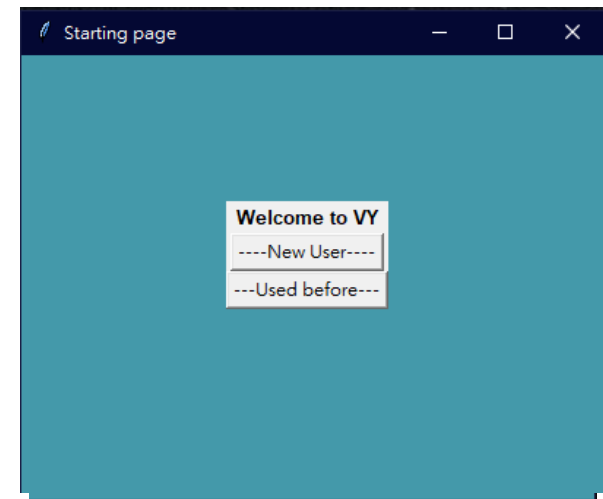
9. The Unity Screen will jump out also with a pop-up screen for debugging.

10. Click “q” button on the pop-up screen to terminate the program



Open Method for used user:

1. Click on the app icon and enter GUI *Starting page*
2. Click on “Used before” button.
3. Select the mode you have downloaded and click to use.
4. Click “q”button on the pop-up screen to terminate the program



Frequently Asked Questions:

Q1: Cannot Install Library/ Warning Notice when Download Library.

A1: Please make sure your Anaconda is installed in the computer before downloading all libraries in different modes. And make sure your directory of the application folder is under directory:
C:\Users\"user\" \Downloads\FYP\FYP.

Q2: After the finished downloading library, the command screen prompt did not automatically close.

A2: Please close the screen of the command prompt and open the application again, the library should have installed in the computer.

Q3: No image from pop-up screen

A3: Please check your webcam sources in Windows to confirm the primary webcam sources

Q4: “No existing file found/ specified” warning when use application using both modes

A4: Create an empty file in the C:\Users\“user” \Downloads\ and put the whole FYP application file into the empty file, change the empty file name into “FYP”.

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