**Manual for creating the installer package**

**Pre-requisite:**

* Python should be installed on the computer.
* Download NSIS software ( <https://nsis.sourceforge.io/Download> )
* Create pull request from the GitHub to get the FRIENDS Serial Monitor and save the folder in your computer.

**Steps:**

1. Install pyinstaller: Open “Command Prompt” and type “pip install pyinstaller”.

A picture containing text, screenshot, font, software

Description automatically generated

1. Go to the directory of FRIENDS Serial Monitor and copy the path of that directory.

A screenshot of a computer monitor

Description automatically generated with medium confidence

1. In command prompt, type cd, paste the path, and click enter.

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1. Then type “pyinstaller --onefile main\_gui.py” in command prompt and click enter. It will take some time to run.

A screen shot of a computer program

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1. Go to the directory and you can find some folders that has been created. (e.g., build, dist). Delete the build folder and main\_gui.spec file.

A screenshot of a computer

Description automatically generated with medium confidence

1. Go to the dist folder. You can find a main\_gui.exe file. Copy the main\_gui.exe file, paste it to the main directory and delete the dist folder.

A screenshot of a computer

Description automatically generated with medium confidence

1. Then zip the “FRIENDS Serial Monitor” folder.
2. Install NSIS software and open it. Click on “Installer based on .ZIP file”

A screenshot of a computer

Description automatically generated with medium confidence

1. A window will pop up. Click open and select the zipped “FRIENDS Serial Monitor”. It will take some time to process and finally click “Generate” button.

A screenshot of a computer

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1. Click “Close” button when it’s enabled.

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1. Then you can find the installer package to install the FRIENDS Serial Monitor

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