Streamlit + PyInstaller

First, if you want to learn more about PyInstaller an excellent video is: <https://www.youtube.com/watch?v=S_Bus_FNjpg>

The first observation is that we must install the llamcpp library by cloning the git. You can find more information about in this thread https://github.com/ggerganov/llama.cpp/issues/2558.

We must use pyinstaller command with the options:

* additional-hooks-dir
* paths
* collect-data

Here is the full command:

pyinstaller --onefile --additional-hooks-dir=./hooks user\_gui.py --clean --paths C:\\Users\\014206631\\AppData\\Local\\miniconda3\\envs\\llamaChat\\Lib\\site-packages --collect-data=langchain --collect-data=langchain\_community --collect-data=llama\_cpp --add-data "class\_llama2chat.py:." --add-data "QR Code PayPal.png:." --add-data "META & Microsoft Team Up on LlaMA 2.ico:." --icon="META & Microsoft Team Up on LlaMA 2.ico"

If you have a virus detection problem running pyintaller, you can add your project folder as an exception from the windows virus check: <https://support.microsoft.com/en-us/windows/add-an-exclusion-to-windows-security-811816c0-4dfd-af4a-47e4-c301afe13b26#:~:text=Go%20to%20Start%20%3E%20Settings%20%3E%20Update,%2C%20file%20types%2C%20or%20process>.

Start -> Settings -> Privacy & Security -> Windows Security -> Virus & threat protection

manage settings -> exclusions -> add or remove exclusions

add your project folder

Your new application will be created in the dist folder. Now you must copy all the dependencies to this folder:

* models
* QR Code PayPal.png
* streamlit\_llama2.py
* META & Microsoft Team Up on LlaMA 2.ico