

Hack Together

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Voice Control for Android
(Programming project)

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Introduction

The purpose of this project is to connect and allow the user to use his Android smartphone over wifi.

This project solves various problems like having to check who is calling when you are sitting on the computer and the phone is out of your hand reach.

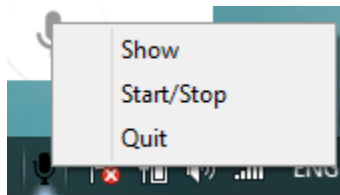
Program Interface

The user can start the .exe file or can run the program from the command prompt like a regular python program.

The program can be exited through the exit button when right clicking on system tray icon.

Program Execution

When started, the program creates also a system for additional menu use and exiting. This menu is called by right clicking on the icon.



Here is the main program explanation.



1. This button closes the UI (program still in system tray).

2. This is your smartphone and below it is it's model.
3. By pressing this microphone icon the person can tell commands to the program.

The program can execute various tasks just by telling it when you have pressed the microphone icon:

- Take a picture
- Send to desktop
- Record Video

Also when someone is calling you, you can either accept the call or reject it just like Skype.

Improvements and Extensions

There can be certainly more options in the program and voice commanding.

Difficulties Encountered

There were problems with threading because TKinter doesn't support threads to open windows.

Conclusions

We like our project a lot and hope it will help a lot of people around the globe.

References

- Flaticon <http://www.flaticon.com/>
- Simon Brunning - simon@brunningonline.net for the system tray library.