

PyWhatsApp: WhatsApp Automation using Python

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Project Link: <https://github.com/shauryauppal/PyWhatsapp>

Objective: PyWhatsApp automates WhatsApp through WhatsApp web. We can send messages, media, and documents to any number (saved or unsaved contact) and schedule it for a given time.

Why this project?

I planned to develop this because I missed wishing two of my very close friends on their birthday at 00:00, I slept early. With this project, one can schedule messages for any given time.

Use Cases:

1. Marketing sending messages to customers in time gap intervals telling about new product launch or new discount schemes.
2. One of my connections on LinkedIn used this project for his start-up where he worked with BJP in an election campaign and used PyWhatsApp for sending vote requests and campaign images.
3. Personal use like scheduling message for a birthday wishes at 12:00 A.M and sleep early OR sending documents to someone on a specific time.

Technology Used:-

- Python3: Language used
- Selenium: Framework for Web browser automation
- Chrome web driver: Separate executable that WebDriver uses to control Chrome.
- Autolt: used for Windows automation for sending attachments.
- Python schedule: Setting up time for a message or attachment

Environment:

It can be setup both on Windows and Mac OS, by changing the chrome web driver.

I have been contacted by many companies for getting this project setup.

This project has round 4.8k+ hitting and gets more than 1k+ view in 14days (checked GitHub traffic insights).

This is an open source project feel free to contribute to it.