

# Python & GUI

Hepo @2015



WeReader

一个地方，更少时间，更多阅读。



PinCap

收集亦是灵感的来源，好的工具才如此需要。



UnImage

版权不受限的好图，大屏使用者悦目之作（即将推出...）



ImageFork

风景、美食，令人惊艳的自动图形优化（即将推出...）



WiFile

通过WiFi传数据，需要更轻盈的体验（开发中...）

# Why GUI ?

体验、速度、算力

# Why Python ?

等等，我们先说会儿跨平台的事情

Cross Platform ?

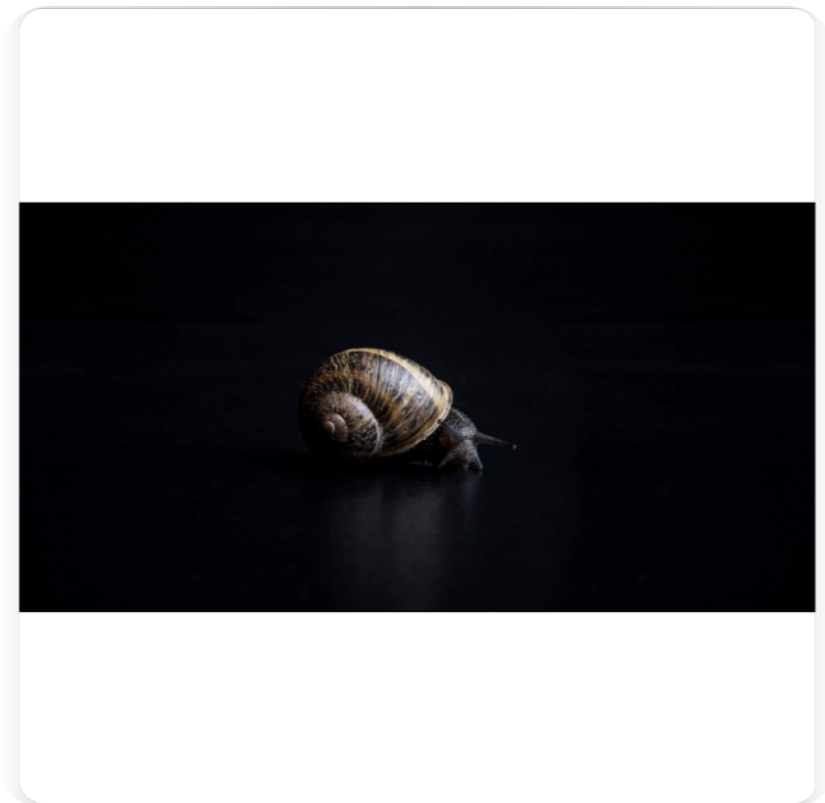
# No Silver Bullet

cross platform  $\approx$  `print( 'hello world' )` in GUI way

# Platforms

different icons, different events, different systems, different ways to package app.

# Platforms





# Cross Platform is Not Important

set webkit as an example: MacGap & nw.js

# Why Python ?

have a frame first, but you need more packages.

# My Solutions and Reasons

长.话.短.说

# Frame

Qt & PyQt. and why?

UI

Qt Creator, pyuic5. why not Qt Quick?

# Package App

py2app

py2exe + Inno Setup

pyinstaller

# Patched

auto compiler, single instance limit, cross-platforms utils .etc

放 弃



Thinking in GUI way

# Events / Signals / Async

connected

# Layout & Style

# 算力赋予想象

think more . . .

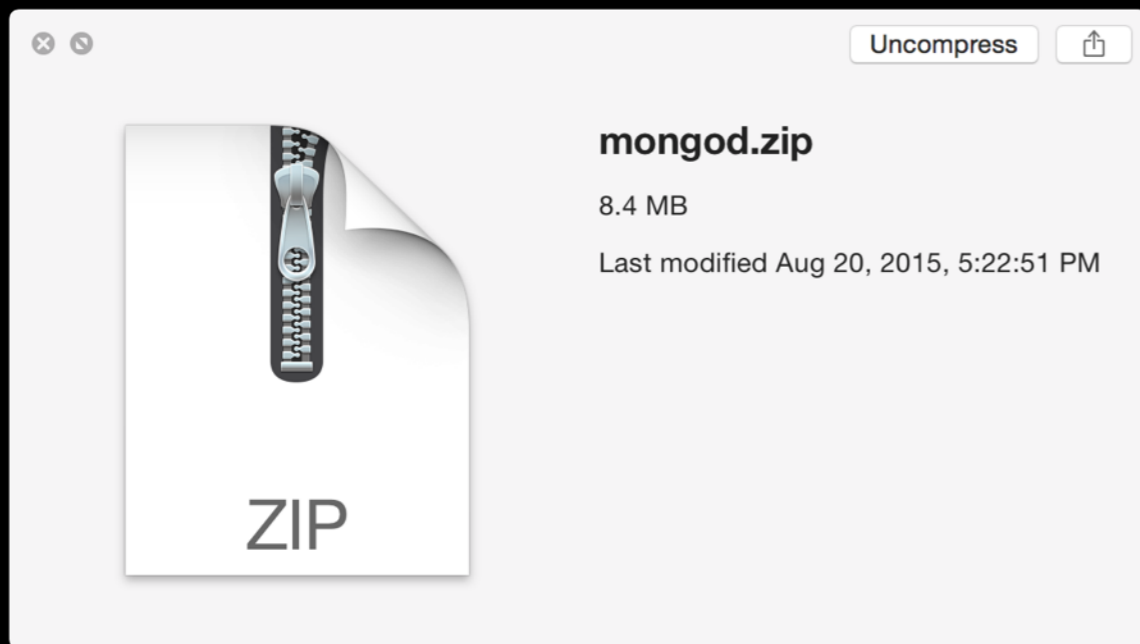
# Run Flask in GUI App

```
```python
def async_start_web_app(port_start=9981, gui_app=None, more_configs=None):
    if not port_start: # 未设置port的情况下
        port_start = 9981

    job = Thread(target=start_web_app, args=(port_start, gui_app, more_configs))
    job.start()

if start_web_server:
    self.web_app = web_app

    web_app.static_folder = join(resources_dir, 'static')
    web_app.template_folder = join(resources_dir, 'web_templates')
    async_start_web_app(default_web_server_port, gui_app=self.app)
...
```
```



Why not MongoDB?

GUI is a solution, developer is also a user.

制作产品视频





WeReader

用更聪明的方式，获取资讯？

ScreenFlow + 单反 + 三脚架

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买授权、买素材、别用GPL的...

# App主页 & 销售平台

靠山吃山 FarBox ...

# 关于客服

与你的用户保持距离

开始你的第一个桌面软件吧...

Hello World 不算，没有U的GUI不算.