

# *Desktop Native Applications using Electron and Python*

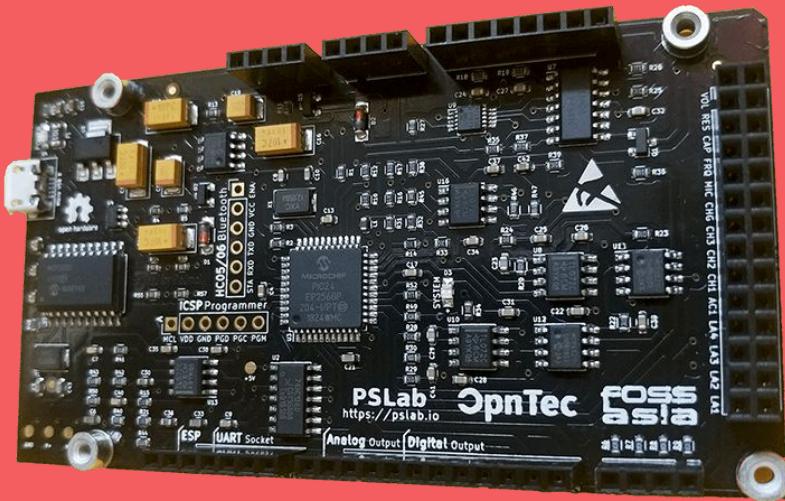
TLDR;



Where have  
we used this?

# An open source desktop app for PSLab

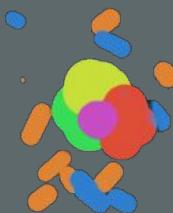
- Cross platform
- Real time graphs that are REALLY performant
- Beautiful user interface ( Thanks to React )
- Makes use of the existing **python libraries** for hardware communication



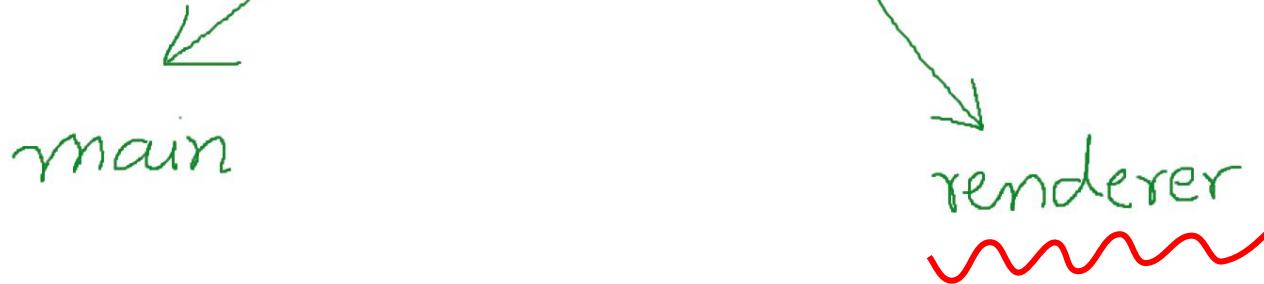
# Electron!!

What's that?

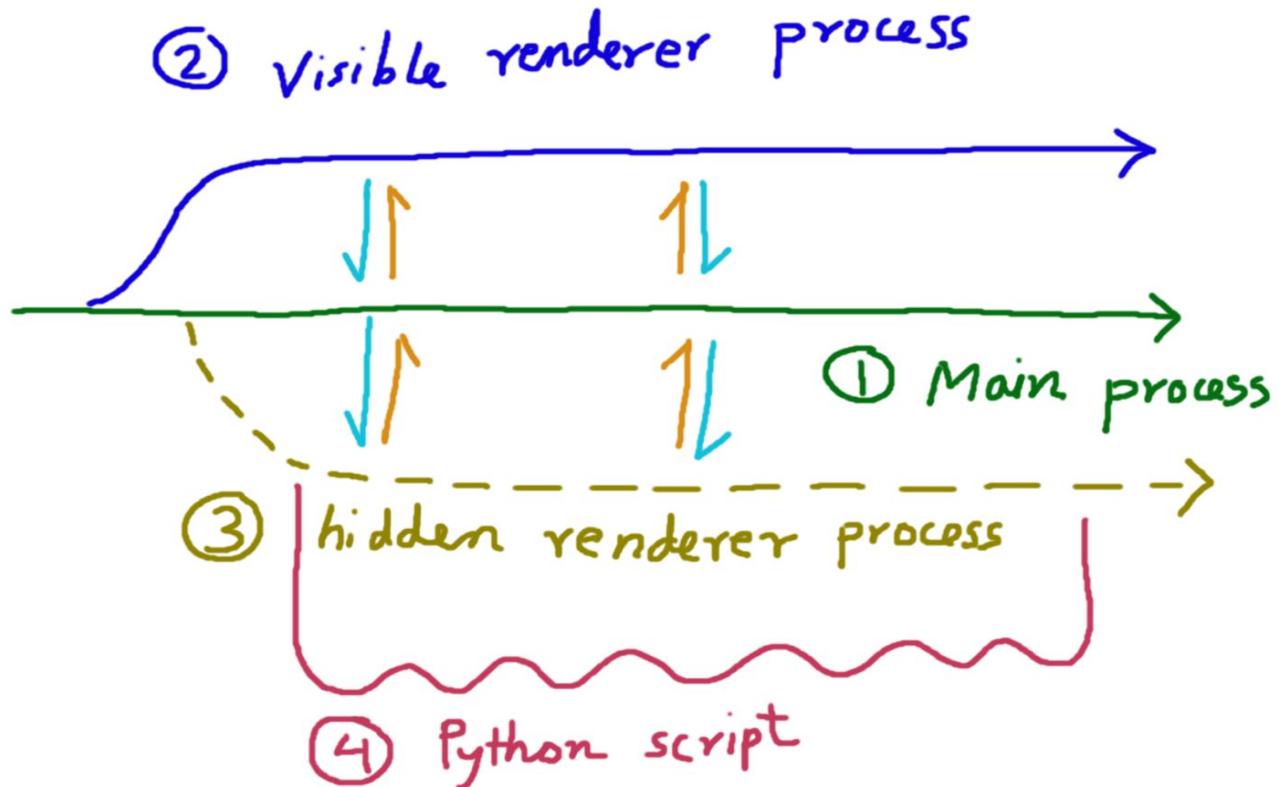
Well, it's a subatomic particle but we tech folks love stealing names... So, deal with it.



## Types of processes

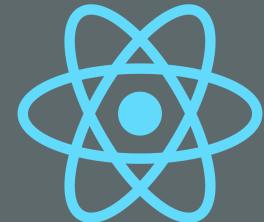


- A process is nothing but a **thread**.
- One main process per application
- **Multiple renderer threads allowed** per application ( This is where the magic happens )



What is **React** doing in all this?

SPA



One window, One tab

# Why Python?

Coz coders are **lazy...**

You know what, I'll  
use **QT**



**GRETA IS NOT AMUSED**

FIN