Project Pitch by Angel Aunte

Brief Description

-> Browser Simulations

-> Free & Open Source (GPL)

-> to Education

- Vernier Probes

-> Other simulations

(scalable/modular)

Nc:

- Physics BS
- Philosophy BA - MEJ - Masils in Notural Science (mus) -TA w/ PIRT

Modeling

Physics

Education

Modeling Physics Education

- Asu
- physics grassioots
- constructivist pedagogy
- philosophy of science - formal syntactic logic A deductive reasoning

- epistemic construction of theoretical models - nodels

Vernier Probes & Software

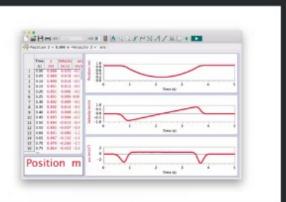


Vernic. Logge, Pro

- Sensors

- Proprietory
Softwore
Discontinued

Windows is awful Linux good

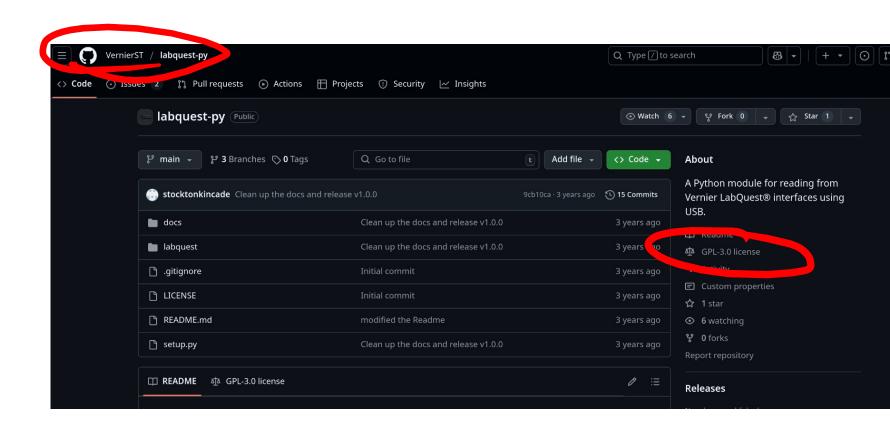


Logger *Pro®* 3 Final Update

Logger Pro is no longer under development and will not receive further updates. As of December 31, 2024, we are no longer be selling new licenses for Logger Pro. Click here for more information.

Versier Open Source

- Foss
- Vinnin
- Labguest
- Go
- Ardvino







PyScript is an <u>open source</u> platform for *Python in the browser*.

The latest version is <u>2025.3.1</u>.

```
MicroPython v1.24.1 on 2024-11-30; JS with Emscripten
Type "help()" for more information.

>>> print("Hello, from PyScript!")
Hello, from PyScript!

>>> # Your turn...

>>> print("Hello PHY 432")
Hello PHY 432

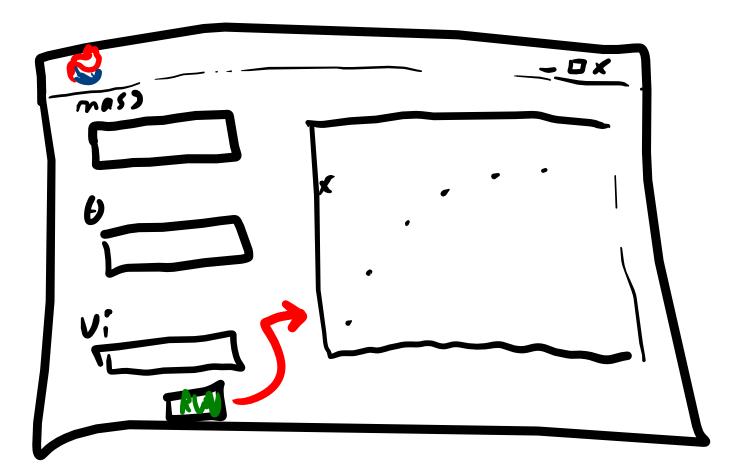
>>> [
```

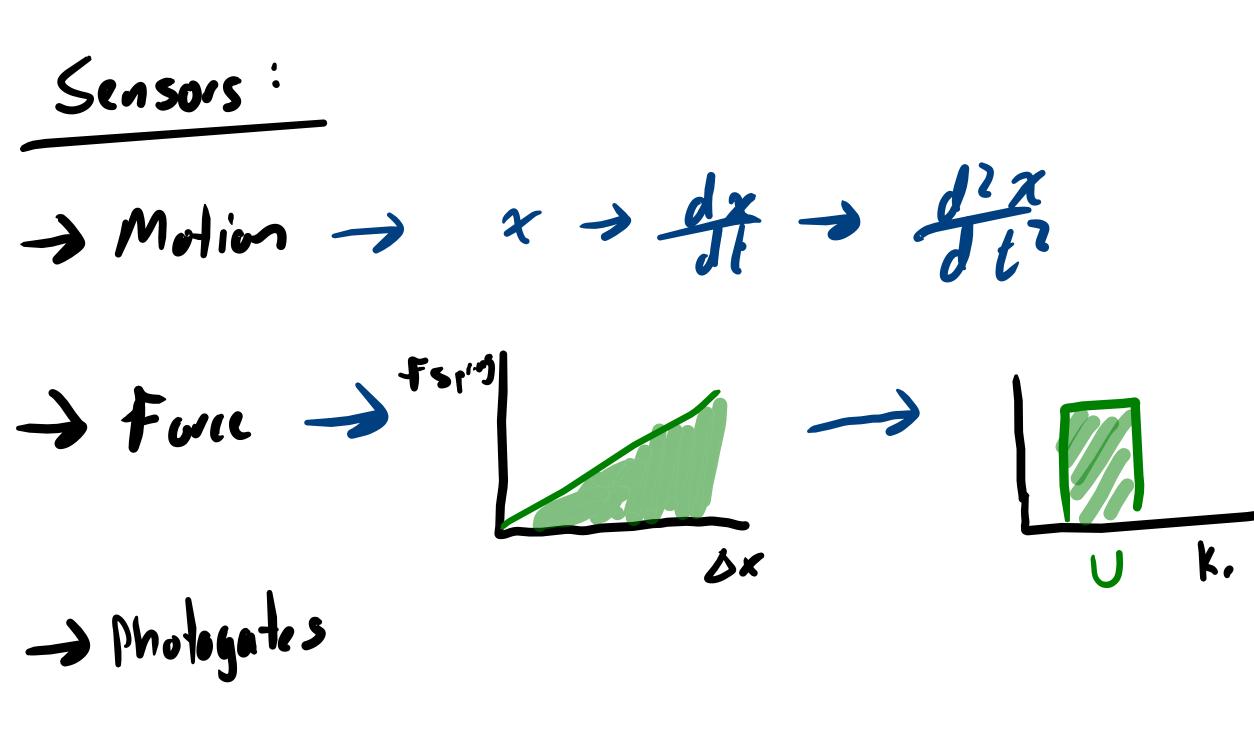
The Vision:











} more

Other options - Multiple-body Projetile motion Simulation Olongf Librains:

_ Matphallih (animation)

- Pyscipt

- Turk?

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Objectives: - At least one functional, fully fratund lab (+ Foost-end) - Mate probes useable - Lab Icheant anelysis tools - Produce onimations for simulations - no chatgr - Make it useable & customizable for P: NT - Proof of concept surta thing

Questions?

