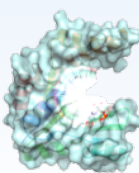
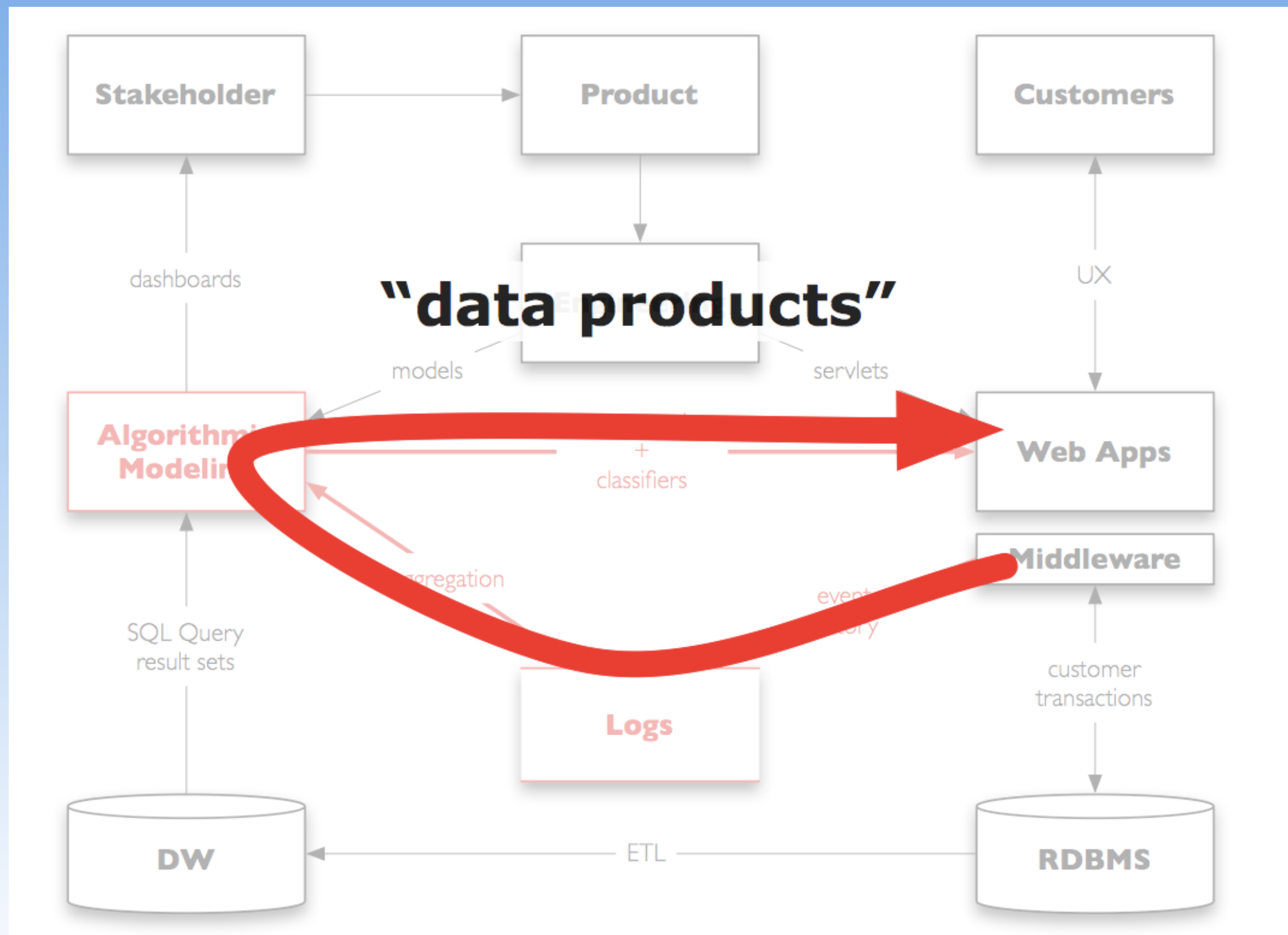


DataWknds.

DATA PRODUCTS

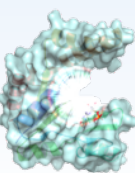


DATA PRODUCTS

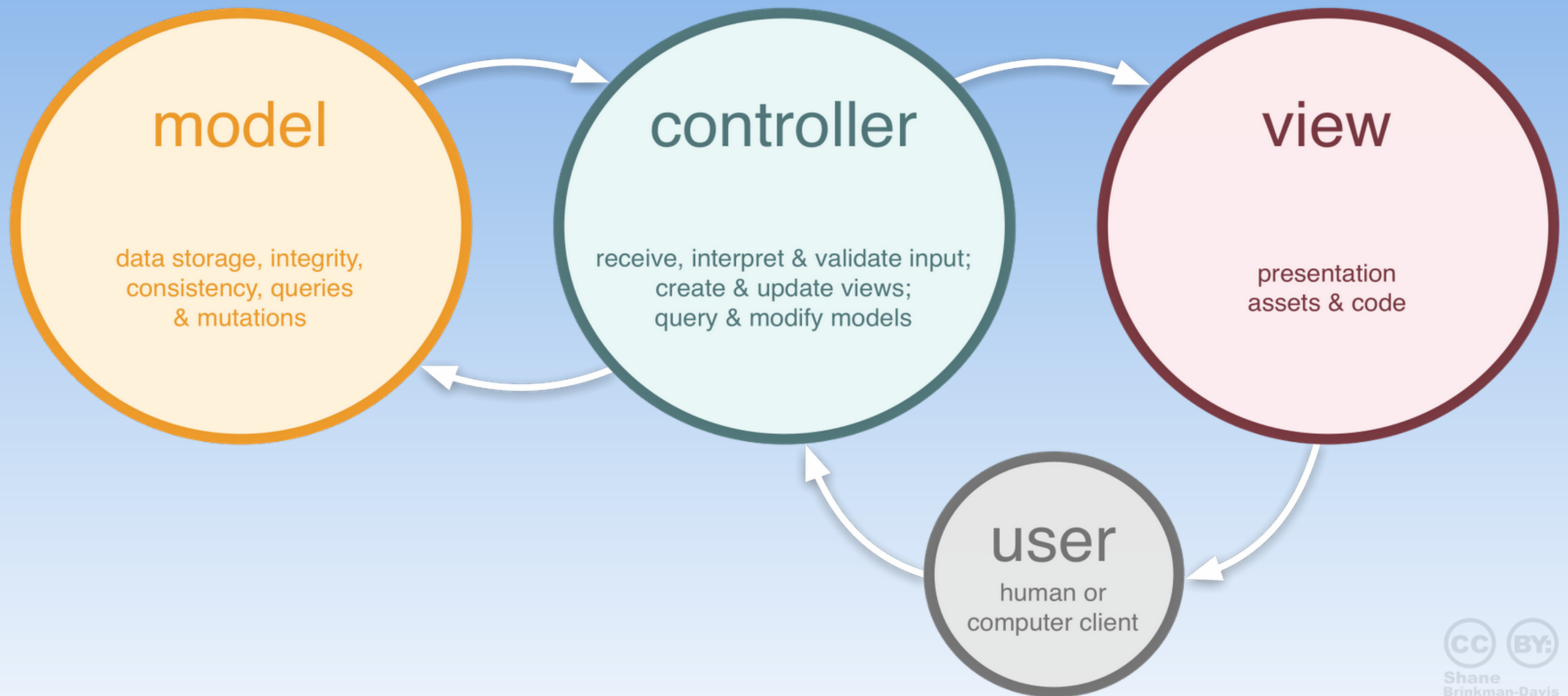


<http://www.slideshare.net/pacoid>












SIMPLE WEB PRODUCT

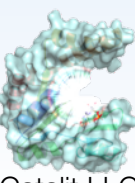


MODEL-VIEW-CONTROLLER



SIMPLE WEB APP

Name		
	controller.py	
	ml	
	Procfile	
	README.md	
	requirements.txt	
	static	
		style.css
	templates	
		404.html
		layout.html
		model.html



RUN

<http://language-detector.herokuapp.com/>

Language Detector

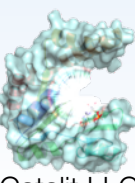
Please fill out the form below!

Text to translate:

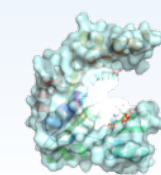
Submit

```
> python controller.py
```

<http://127.0.0.1:5000/>



ML LAB

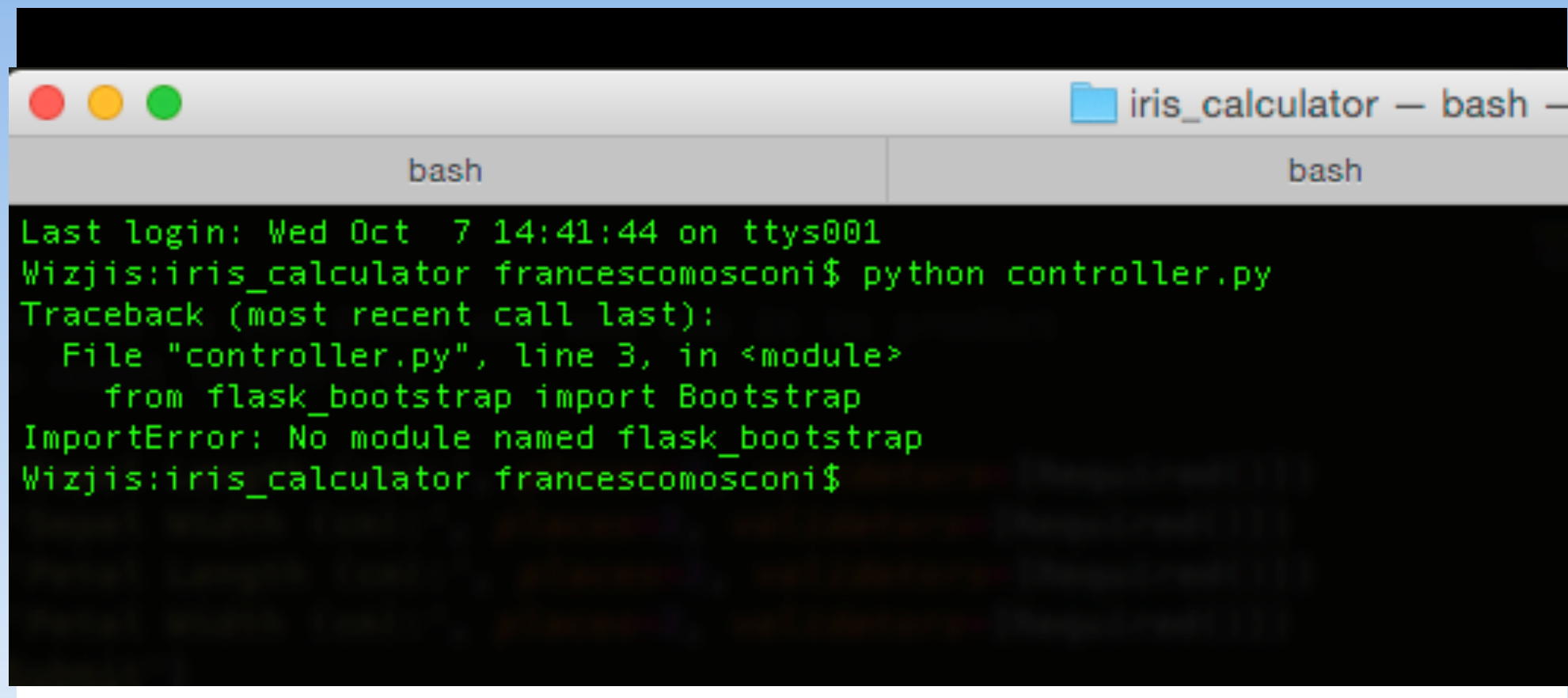


PICKLE / DILL / GZIP



RUN

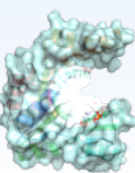
<http://language-detector.herokuapp.com/>

A screenshot of a terminal window titled 'iris_calculator — bash'. The terminal shows the output of running 'python controller.py'. It displays the last login time, the command executed, and a traceback error: 'ImportError: No module named flask_bootstrap'.

```
Last login: Wed Oct 7 14:41:44 on ttys001
Wizjis:iris_calculator francescosconi$ python controller.py
Traceback (most recent call last):
  File "controller.py", line 3, in <module>
    from flask_bootstrap import Bootstrap
ImportError: No module named flask_bootstrap
Wizjis:iris_calculator francescosconi$
```

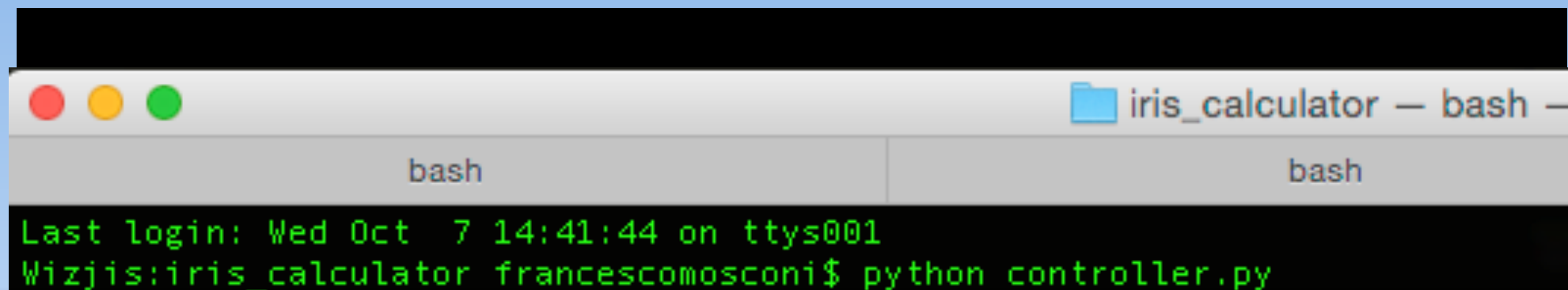
> python controller.py

<http://127.0.0.1:5000/>



RUN

<http://language-detector.herokuapp.com/>

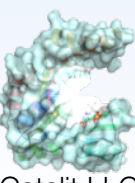


```
iris_calculator — bash —  
bash  
Last login: Wed Oct 7 14:41:44 on ttys001  
Wizjis:iris_calculator francescosconi$ python controller.py
```

Need Environments!

python controller.py

<http://127.0.0.1:5000/>

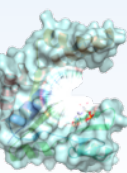


CREATE ENVIRONMENT

```
cd finalproject  
conda env create
```

<http://conda.pydata.org/docs/using/envs.html>

http://pip.readthedocs.org/en/stable/reference/pip_freeze/



ACTIVATE

Activate:

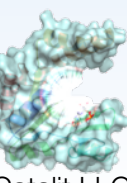
```
source activate finalproj
```

De-activate:

```
source deactivate
```

Delete:

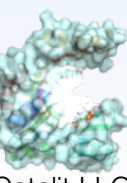
```
conda remove -n finalproj --all
```



RUN

```
(finalproj) > python controller.py
```

<http://127.0.0.1:5000/>

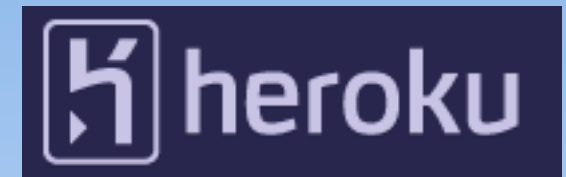


DEPLOY

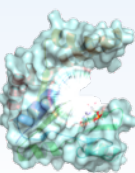
- Sign up for Heroku
- Install Heroku Toolbelt
- `git init`
- `git add .`
- `git commit -am "initial commit"`
- `heroku login`
- `heroku create --buildpack=https://github.com/thenovices/heroku-buildpack-scipy`
- `git push heroku master`
- Amaze people with your live model

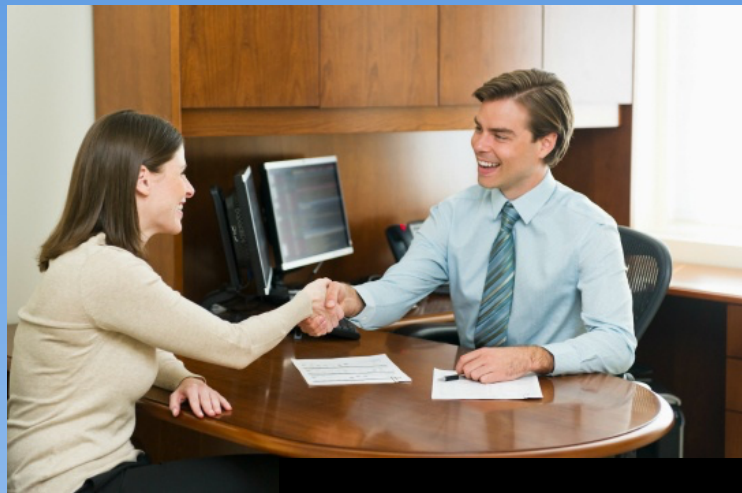
GitHub Desktop

<https://desktop.github.com/>



<https://signup.heroku.com>
<https://toolbelt.heroku.com/>



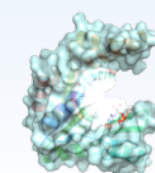
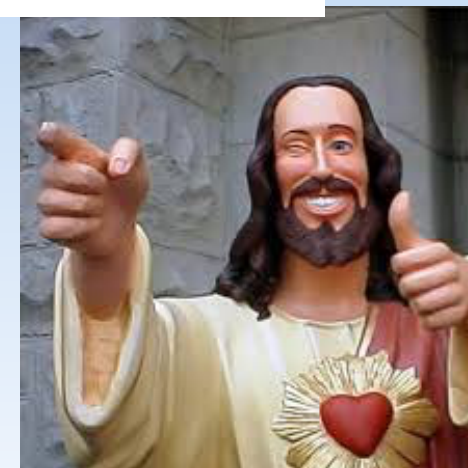


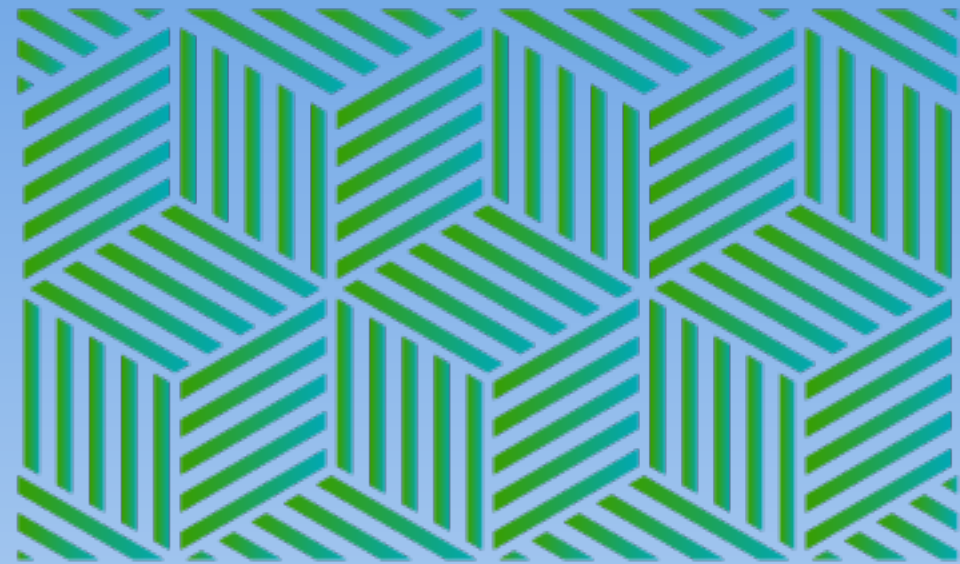
Language Detector

Please fill out the form below!

Text to translate:

Submit





DataWknds.

CONGRATULATIONS!!!!

