

NASAGRAM

API NASA + Instagram = ❤

Website : <http://www.nasagram.space>

Bootstrap Template : <https://tonycalvez.github.io/NASAGRAM/TEMPLATE-BOOTSTRAP/index.html>

Introduction :

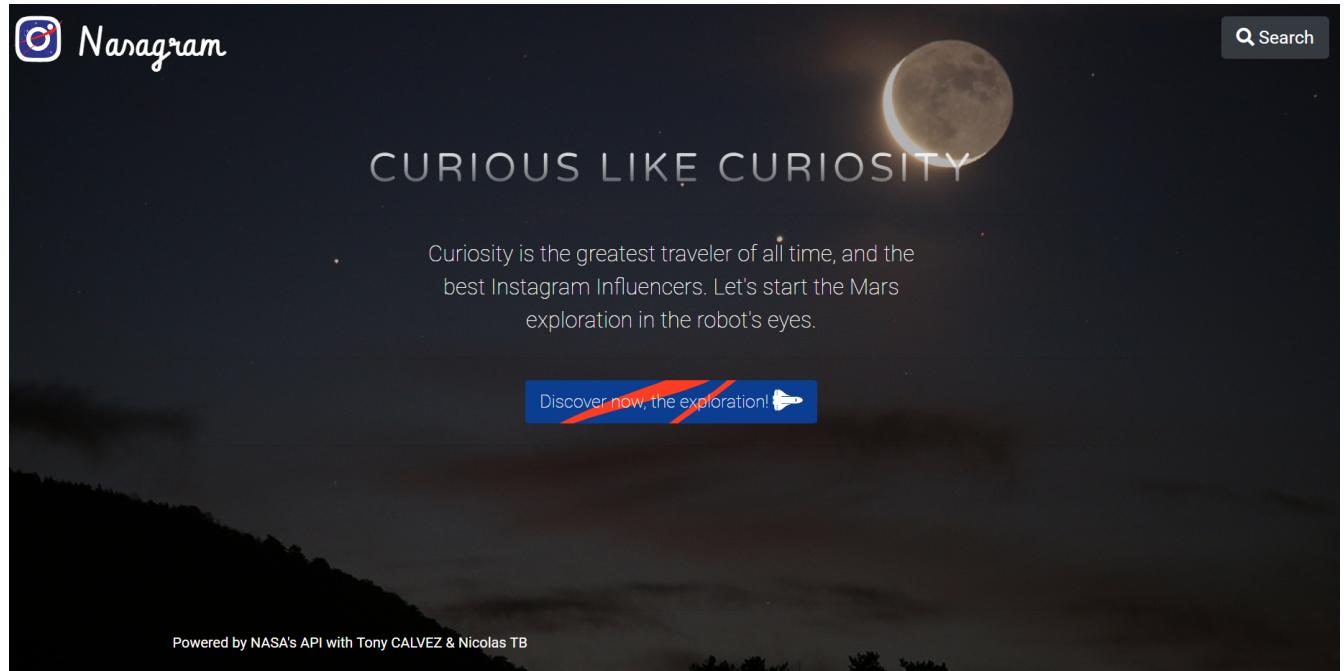
My friend and I (Tony CALVEZ & Nicolas TALEC-BERNARD) are studying embed systems as french engineers at the ENSTA-Bretagne.

(Fun fact: our promotion sponsor is Jean-Loup Chrétien !)

We have deployed a django python powered website using your API as a basis, the project is called "NASAGRAM",

The main idea was to pick the photo of your choice from the Mars Rover Photos-API by clicking on a camera then be able to do some filtering on it (and share them with your friends).

YouTube:



APP ENGINE

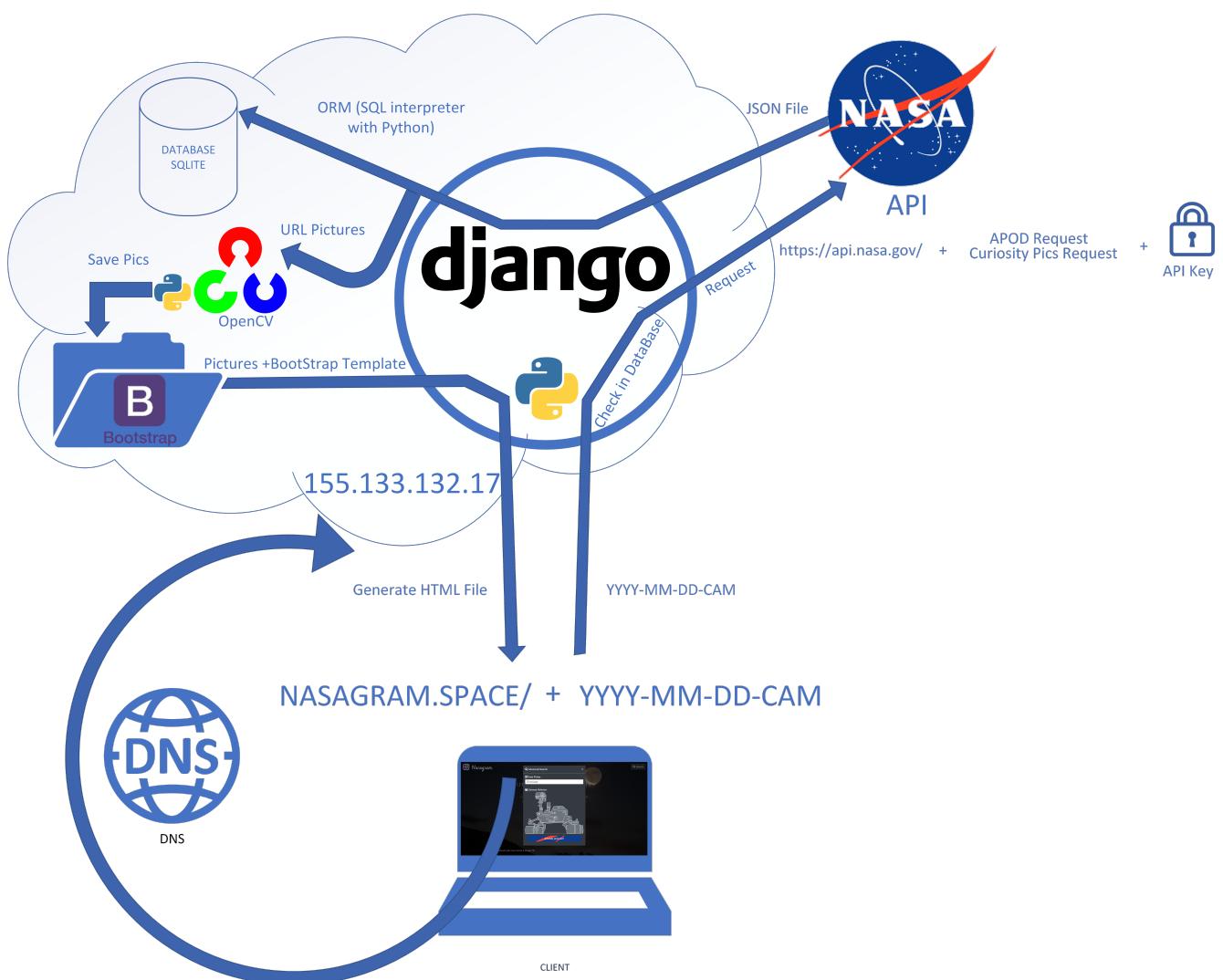
Bootstrap:

The Bootstrap Framework is an open source toolkit for developing with HTML, CSS, and JS.

Django:

The Django Framework is an App Engine released with Python.

How it works?



USAGE

Windows / Linux / MacOS

Execute those commands in the prompt:

```
python3 manage.py makemigrations home  
python3 manage.py migrate  
python3 manage.py runserver
```

Start your browser : 127.0.0.1:8000

Linux / MacOS

Make the script executable:

```
chmod +x start.sh
```

Run the server:

```
./start.sh -r
```

Make migrations and run the server:

```
./start.sh -m
```

Help

```
./start.sh -h
```

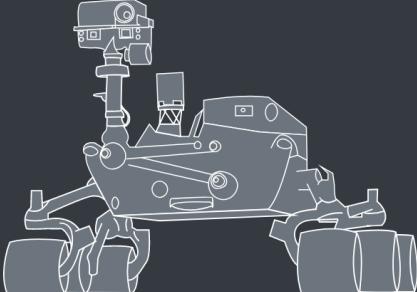
IMAGES

Naragram

Advanced Search

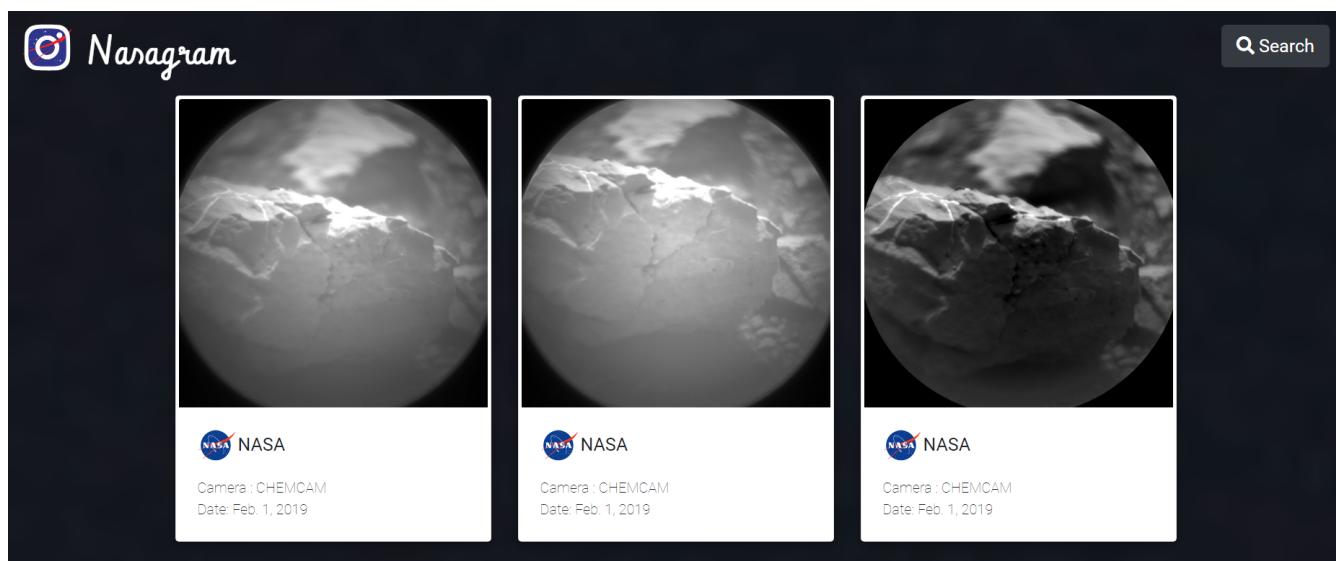
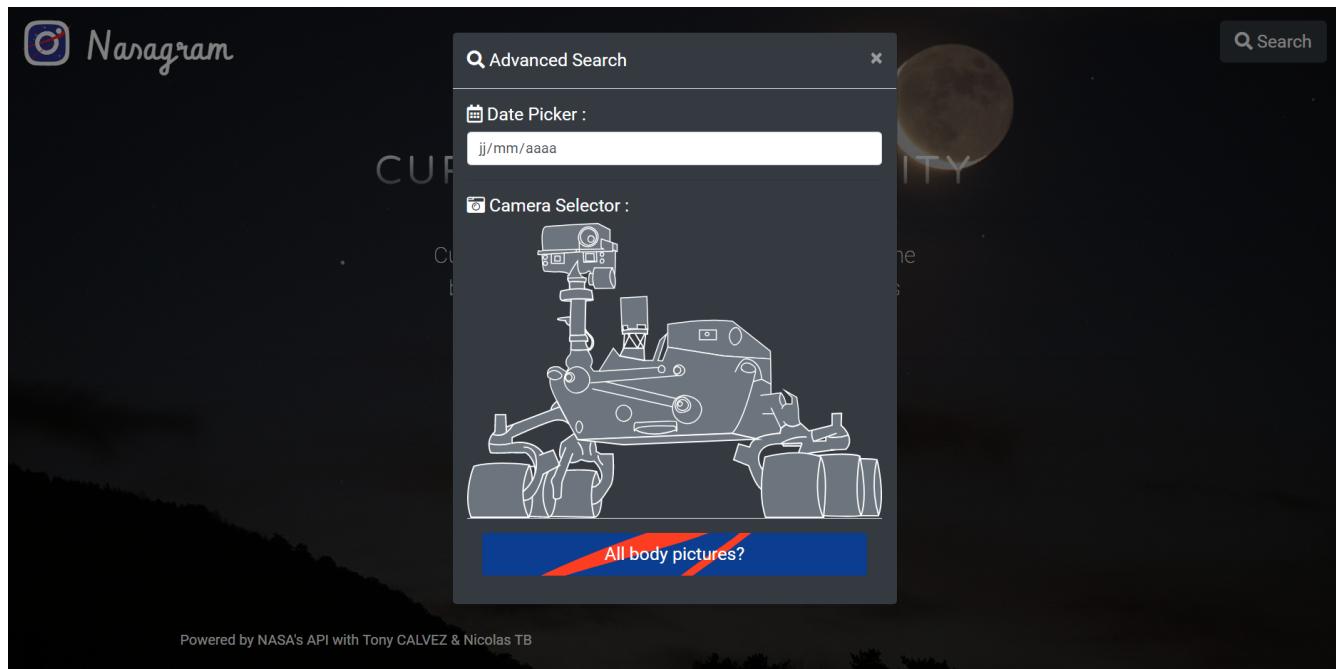
Date Picker : jj/mm/aaaa

Camera Selector :



All body pictures?

Powered by NASA's API with Tony CALVEZ & Nicolas TB



DEPENDENCIES

You can sync the dependencies with the `requirements.txt` :

- Django==2.2
- color-transfer==0.1
- numpy==1.16.2
- opencv-python==4.0.0.21
- Pillow==6.0.0

DEPLOYMENT

We have hosted the website with [Gandi](#) :

- <http://nasagram.space>

The price of the domain:

- nasagram.space : 4 euros

The price of the hosting place:

- VPS - Simple Hosting with Python : 7 euros for 3 months

The git is ready to be uploaded with Gandi Hosting. [Documentation](#)