Follow Person I

Pedro Arias
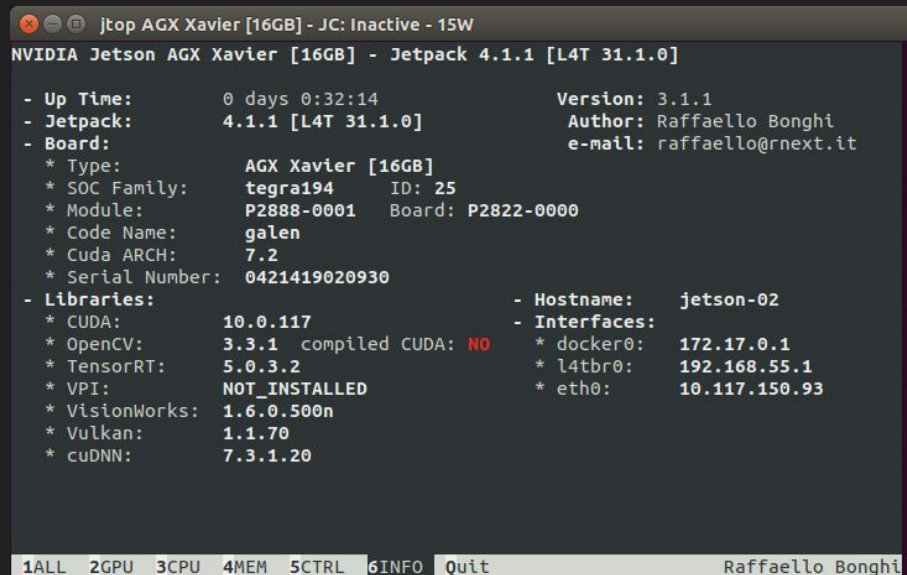
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- Jetpack 4.1.1 [L4T 31.1.0]
- Upgrade to 4.6?

Modelos Gazebo: Mixamo

- FBX
- Blender
- Collada (.dae)
- SDF

- Problemas con las texturas, al generar el modelo SDF..
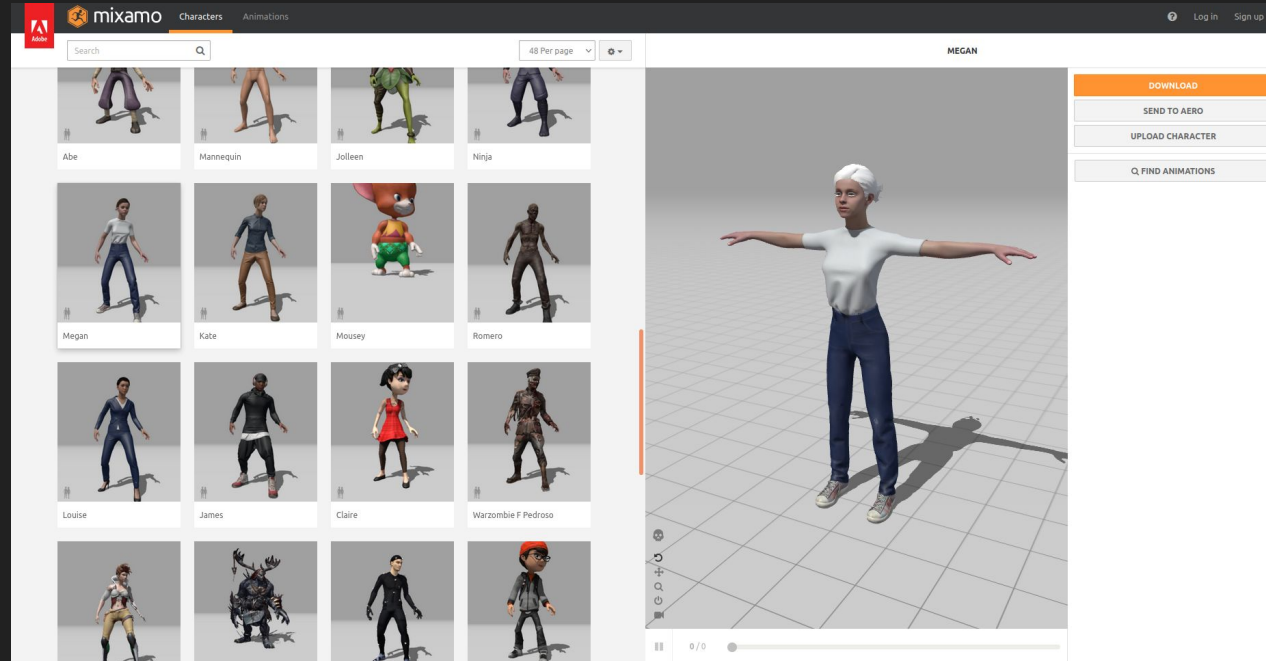
Modelos Gazebo: Ignition Robotics Database

- SDF
- Person Standing

RRNN

- TensorFlow vs PyTorch
- Google Colab

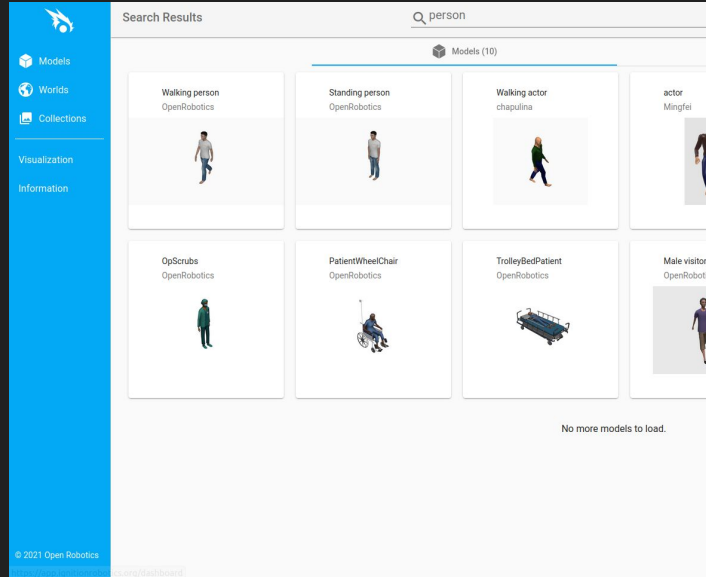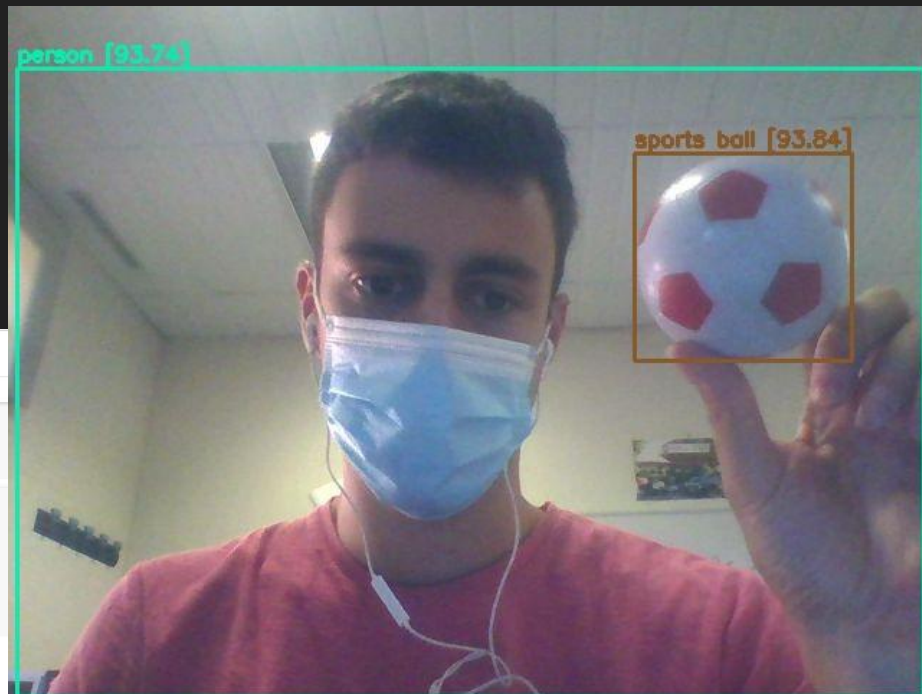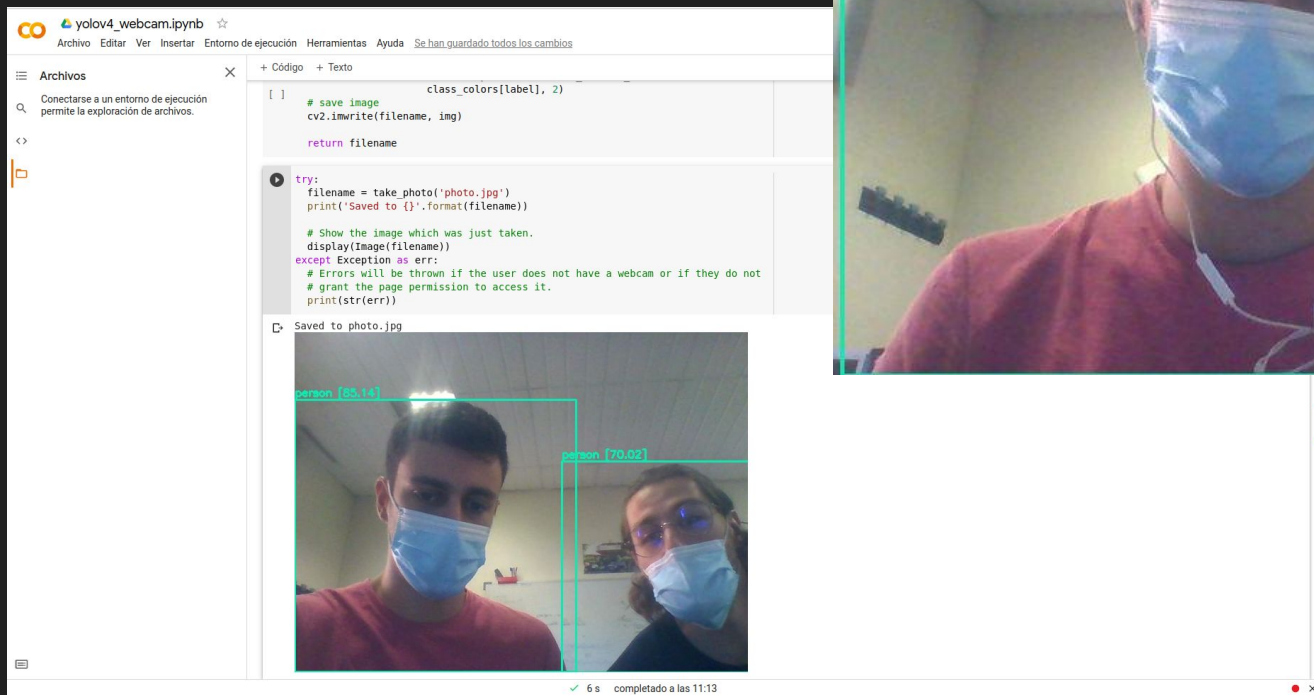- Detección de Persona
- Detección de Cara
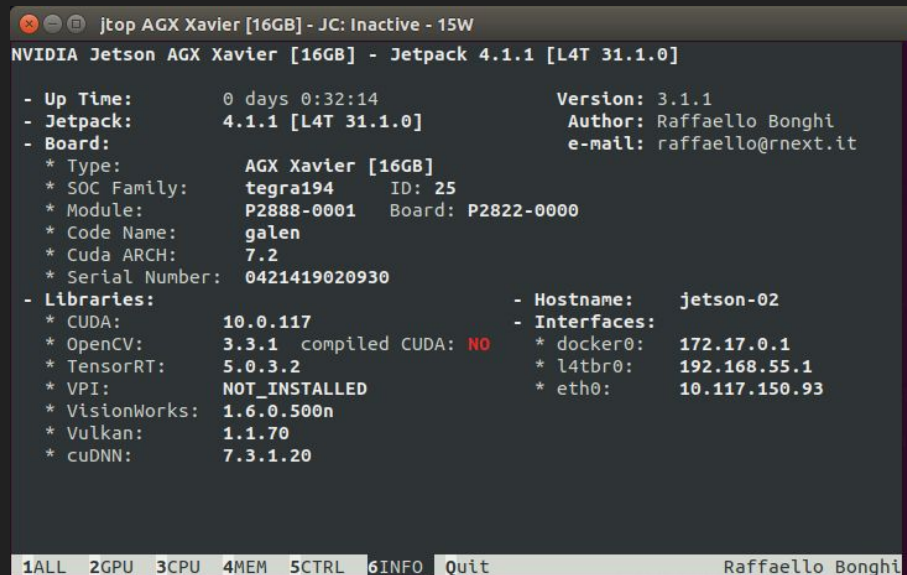- Identificación de Cara

Detección de personas

Scaled YOLO v4

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- Instalación:
  - TensorFlow
  - YOLO


```
                    jtop AGX Xavier [16GB] - JC: Inactive - 15W
NVIDIA Jetson AGX Xavier [16GB] - Jetpack 4.1.1 [L4T 31.1.0]

- Up Time:          0 days 0:32:14          Version: 3.1.1
- Jetpack:          4.1.1 [L4T 31.1.0]      Author: Raffaello Bonghi
- Board:                                    e-mail: raffaello@rnext.it
  * Type:           AGX Xavier [16GB]
  * SOC Family:     tegra194      ID: 25
  * Module:         P2888-0001    Board: P2822-0000
  * Code Name:      galen
  * Cuda ARCH:      7.2
  * Serial Number:  0421419020930
- Libraries:                                - Hostname:    jetson-02
  * CUDA:           10.0.117                 - Interfaces:
  * OpenCV:         3.3.1   compiled CUDA: NO  * docker0:   172.17.0.1
  * TensorRT:       5.0.3.2                   * l4tbr0:    192.168.55.1
  * VPI:            NOT_INSTALLED             * eth0:      10.117.150.93
  * VisionWorks:    1.6.0.500n
  * Vulkan:         1.1.70
  * cuDNN:          7.3.1.20

1ALL  2GPU  3CPU  4MEM  5CTRL  6INFO  Quit          Raffaello Bonghi
```