**detect\_my\_images.py Documentation**

**Info**

|  |  |  |
| --- | --- | --- |
| **version  1.0** | **Chan Shing Wai** | **2019/08/22** |

**1.How to use**

The detect\_my\_images.py must store in the ~***/Documents/tensorflow/models/research/object\_detection/***

|  |
| --- |
| **python** [**detect\_my\_images.py**](http://detect_my_images.py/) **-i test\_img -o test\_img**  **or**  **python** [**detect\_my\_images.py**](http://detect_my_images.py/) **-i test\_img** |

**2.Parameters**

The **-i** mean:

        The **input images folder** directory.

        -i must input.

The **-o** mean:

        The **out put directory** of detected images and json result.

        eg: -o ~/desktop/test\_img (so the result.json and images will directly generate to ~/desktop/test\_img this folder)

        If you not give the -o, the default output path is ~***/Documents/tensorflow/models/research/object\_detection/detect\_img\_out/YYYY-mm-dd\_hh\_mm\_ss***

*YYYY-mm-dd\_hh\_mm\_ss  is the date time for your detecting.*

**3.For using in different OS**

**For using detect\_my\_image.py in local (my local development env in mac):**

MacOS:          10.14.5

python:           3.68

tensorflow:     1.4.0

|  |
| --- |
| cd ~  source venv/bin/activate  cd /Users/shingwaichan/venv/lib/python3.6/site-packages/tensorflow/models/research/object\_detection |

**For using detect\_my\_images in server:**

ubuntu:            18

python:            3.7

tensorflow:      1.4.0

|  |
| --- |
| cd ~/Documents/tensorflow/  conda activate tensorflow\_env  python [detect\_my\_images.py](http://detect_my_images.py/) -i test\_img -o test\_img |