

## **TensorFlow\_images\_classification**

### **Commandes à exécuter avant de commencer :**

```
source ./venv/bin/activate
```

```
IMAGE_SIZE=224
```

```
ARCHITECTURE="mobilenet_0.50_${IMAGE_SIZE}"
```

### **Lancer un apprentissage :**

```
python3 -m scripts.retrain \  
--bottleneck_dir=tf_files/bottlenecks \  
--how_many_training_steps=500 \  
--model_dir=tf_files/models/ \  
--summaries_dir=tf_files/training_summaries/"${ARCHITECTURE}" \  
--output_graph=tf_files/retrained_graph.pb \  
--output_labels=tf_files/retrained_labels.txt \  
--architecture="${ARCHITECTURE}" \  
--image_dir=tf_files/images
```

### **Reconnaître une image donnée :**

```
python3 -m scripts.label_image \  
--graph=tf_files/retrained_graph.pb \  
--image=tf_files/images/paquerettes/21652746_cc379e0eea_m.jpg
```