Collecting\_the\_Dataset.ipynb

107 lines (107 sloc) 2.86 KB

In [1]:

Making Separate Dataset for Training and Testing

In [2]:

Found 436 images belonging to 2 classes.

Found 121 images belonging to 2 classes.

In [3]:

Out[3]: {'forest': 0, 'with fire': 1}

test\_dataset**.**class\_indices

train **=** ImageDataGenerator(rescale**=**1**/**255) test **=** ImageDataGenerator(rescale**=**1**/**255)

train\_dataset **=** train**.**flow\_from\_directory("/content/drive/MyDrive/Dataset/train

target\_size**=**(150,150), batch\_size **=** 32,

class\_mode **=** 'binary')

test\_dataset **=** test**.**flow\_from\_directory("/content/drive/MyDrive/Dataset/test\_se

target\_size**=**(150,150), batch\_size **=**32,

class\_mode **=** 'binary')

**import** tensorflow **as** tf

**import** numpy **as** np

**from** tensorflow **import** keras

**import** os

**import** cv2

**from** tensorflow.keras.preprocessing.image **import** ImageDataGenerator

**from** tensorflow.keras.preprocessing **import** image

**import** matplotlib.pyplot **as** plt