Proyecto 0: Mosaico de imagenes

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2.1 File List

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Namespace Documentation

3.1 funciones Namespace Reference

Functions

- def prom_rgb (image)
- def comparacion (rgb, dir_rgb)
- def mosaico100x100 (imagenes, entrada)

3.1.1 Function Documentation

3.1.1.1 comparacion()

```
def funciones.comparacion (
              rgb,
              dir_rgb )
```

3.1.1.2 mosaico100x100()

```
def funciones.mosaico100x100 (
              imagenes,
              entrada )
```

3.1.1.3 prom_rgb()

```
def funciones.prom_rgb (
              image )
```

3.2 main Namespace Reference

Variables

- list filenames = [img1 for img1 in glob.glob(str(sys.argv[2]) + "/*.jpg")]
- list img = [ ]
- n = cv2.imread(img1)
- imagen = cv2.resize(n, (15,15))
- entrada = cv2.imread(str(sys.argv[1]))
- entrada_new = cv2.resize(entrada, (100,100))
- mosaico = mosaico100x100(img, entrada_new)
- out = np.hstack([entrada, mosaico])

3.2.1 Variable Documentation

3.2.1.1 entrada

```
main.entrada = cv2.imread(str(sys.argv[1]))
```

3.2.1.2 entrada_new

```
main.entrada_new = cv2.resize(entrada, (100,100))
```

3.2.1.3 filenames

```
list main.filenames = [img1 for img1 in glob.glob(str(sys.argv[2]) + "/*.jpg")]
```

3.2.1.4 imagen

```
main.imagen = cv2.resize(n, (15,15))
```

3.2.1.5 img

```
list main.img = [ ]
```

3.2.1.6 mosaico

```
main.mosaico = mosaico100x100(img, entrada_new)
```

3.2.1.7 n

```
main.n = cv2.imread(img1)
```

3.2.1.8 out

```
main.out = np.hstack([entrada, mosaico])
```

Chapter 4

File Documentation

4.1 funciones.py File Reference

Namespaces

- funciones

Functions

- def funciones.prom_rgb (image)
- def funciones.comparacion (rgb, dir_rgb)
- def funciones.mosaico100x100 (imagenes, entrada)

4.2 main.py File Reference

Namespaces

- main

Variables

- list main.filenames = [img1 for img1 in glob.glob(str(sys.argv[2]) + "/*.jpg")]
- list main.img = [ ]
- main.n = cv2.imread(img1)
- main.imagen = cv2.resize(n, (15,15))
- main.entrada = cv2.imread(str(sys.argv[1]))
- main.entrada_new = cv2.resize(entrada, (100,100))
- main.mosaico = mosaico100x100(img, entrada_new)
- main.out = np.hstack([entrada, mosaico])

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