

Proyecto 0: Mosaico de imagenes

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Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

funciones	5
main	6

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

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Chapter 3

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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