

Python 3.7.1 (default, Dec 10 2018, 22:54:23) [MSC v.1915 64 bit (AMD64)]

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IPython 7.2.0 -- An enhanced Interactive Python.

In [1]: import utils as util

In [2]: #show files inside a folder

In [3]: directory = './data/Apple/'

In [4]: util.print_files(directory)

./data/Apple/apple_0.jpg

./data/Apple/apple_1.jpg

./data/Apple/apple_1058.jpg

./data/Apple/apple_1059.jpg

./data/Apple/apple_1064.jpg

./data/Apple/apple_1065.jpg

.....(removed some results to make the page smaller).....

./data/Apple/apple_1094.jpg

./data/Apple/apple_1127.jpg

./data/Apple/apple_1128.jpg

./data/Apple/apple_1130.jpg

In [5]: my_3d_pixels =

util.get_image_3d('./data/Apple/apple_1130.jpg')

In [6]: my_3d_pixels.shape

Out[6]: (100, 100, 3)

In [7]: util.show_image(my_3d_pixels)

In [8]: #show top left corner of the image

In [9]: util.show_image(my_3d_pixels[:50,:50])

In [12]: my_1d_pixels =

util.get_image_1d('./data/Apple/apple_1130.jpg')

In [13]: my_1d_pixels.shape

Out[13]: (30000,)