

## 18.Text and picture drawing

Function call: `cv2.putText(img, str, origin, font, size,color,thickness)`

The parameters are: picture, added text, upper left corner coordinate (integer), font, font size, color, and font thickness.

Font types are as follows:

枚举	
FONT_HERSHEY_SIMPLEX Python: <code>cv.FONT_HERSHEY_SIMPLEX</code>	正常大小sans-serif字体
FONT_HERSHEY_PLAIN Python: <code>cv.FONT_HERSHEY_PLAIN</code>	小尺寸sans-serif字体
FONT_HERSHEY_DUPLEX Python: <code>cv.FONT_HERSHEY_DUPLEX</code>	正常大小的sans-serif字体 (比FONT_HERSHEY_SIMPLEX更复杂)
FONT_HERSHEY_COMPLEX Python: <code>cv.FONT_HERSHEY_COMPLEX</code>	正常大小的衬线字体
FONT_HERSHEY_TRIPLEX Python: <code>cv.FONT_HERSHEY_TRIPLEX</code>	正常大小的serif字体 (比FONT_HERSHEY_COMPLEX更复杂)
FONT_HERSHEY_COMPLEX_SMALL Python: <code>cv.FONT_HERSHEY_COMPLEX_SMALL</code>	较小版本的FONT_HERSHEY_COMPLEX
FONT_HERSHEY_SCRIPT_SIMPLEX Python: <code>cv.FONT_HERSHEY_SCRIPT_SIMPLEX</code>	手写风格的字体
FONT_HERSHEY_SCRIPT_COMPLEX Python: <code>cv.FONT_HERSHEY_SCRIPT_COMPLEX</code>	更复杂的FONT_HERSHEY_SCRIPT_SIMPLEX变体
FONT_ITALIC Python: <code>cv.FONT_ITALIC</code>	标志为斜体字体

YahBoom

Code path : `/home/dofbot/Dofbot/4.opencv/3.draw_picture/06_draw_world.ipynb`

```
import cv2
import numpy as np

img = cv2.imread('yahboom.jpg',1)

font = cv2.FONT_HERSHEY_SIMPLEX

cv2.rectangle(img,(200,100),(500,400),(0,255,0),3)

# 1 dst 2 Text content 3 Coordinates 4 5 Font size 6 color 7 Thickness 8 line
type

cv2.putText(img,'Yahboom',(250,50),font,1,(200,200,0),2,cv2.LINE_AA)

# cv2.imshow('src',img)

# cv2.waitKey(0)
```

```
import matplotlib.pyplot as plt

img = cv2.cvtColor(img, cv2.COLOR_BGR2RGB)

plt.imshow(img)

plt.show()
```

