

text-to-img-1

June 28, 2024

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[1]: import numpy as np
import cv2
from matplotlib import pyplot as plt

[2]: height, width = 200, 600
blank_image = np.ones((height, width, 3), np.uint8) * 255

[3]: text = "MAVERICK"
font = cv2.FONT_HERSHEY_SIMPLEX
font_scale = 2
font_color = (0, 0, 0)
font_thickness = 3

[4]: text_size = cv2.getTextSize(text, font, font_scale, font_thickness)[0]
text_x = (blank_image.shape[1] - text_size[0]) // 2
text_y = (blank_image.shape[0] + text_size[1]) // 2

[5]: cv2.putText(blank_image, text, (text_x, text_y), font, font_scale, font_color,
↪font_thickness)

[5]: array([[255, 255, 255],
           [255, 255, 255],
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 [255, 255, 255],
 [255, 255, 255],
 [255, 255, 255]]], dtype=uint8)

```

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[6]: plt.imshow(cv2.cvtColor(blank_image, cv2.COLOR_BGR2RGB))
plt.axis('off')
plt.show()

```

MAVERICK

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[7]: image_array = np.array(blank_image)
     print("Image array shape:", image_array.shape)
```

Image array shape: (200, 600, 3)

```
[8]: from PIL import Image
     reconstructed_image = Image.fromarray(image_array)
```