

# main

April 25, 2021

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[1]: from PIL import Image, ImageFont, ImageDraw, ImageEnhance, ImageFilter
      from IPython.display import display
      import matplotlib.pyplot as plt
      import getopt, sys, textwrap

[2]: def deepfrier(img):
      enhancer = ImageEnhance.Sharpness(img)
      converter = ImageEnhance.Color(img)
      img = enhancer.enhance(99999)
      img = img.filter(ImageFilter.GaussianBlur(radius=1))
      img = converter.enhance(3.5)
      return img

[3]: def addtext(img, text, iw, ih, pos, color, mock=False):
      fontstyle = ImageFont.truetype('./comic-sans-ms/ComicSansMS3.ttf', 100)

      if(pos == "tl"):
          splits = textwrap.wrap(text, width=20)
          text = ""
          for part in splits:
              text += part
              text += "\n"
          edtb = ImageDraw.Draw(img)
          w_t, h_t = edtb.textsize(text, font=fontstyle)
          edtb.text((width/200,height/10), text, color, font=fontstyle)
          return img

      elif(pos == "tc"):
          splits = textwrap.wrap(text, width=80)
          text = ""
          for part in splits:
              text += part
              text += "\n"
          edtb = ImageDraw.Draw(img)
          w_t, h_t = edtb.textsize(text, font=fontstyle)
          edtb.text((((width-w_t)/2),height/10), text, color, font=fontstyle)
          return img
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elif(pos == "tr"):
    splits = textwrap.wrap(text, width=20)
    text = ""
    for part in splits:
        text += part
        text += "\n"
    edtb = ImageDraw.Draw(img)
    w_t, h_t = edtb.textsize(text, font=fontstyle)
    edtb.text(((width*0.6,height/10),height/10), text, color,
    ↪font=fontstyle)
    return img

elif(pos == "bl"):
    splits = textwrap.wrap(text, width=20)
    text = ""
    for part in splits:
        text += part
        text += "\n"
    edtb = ImageDraw.Draw(img)
    w_t, h_t = edtb.textsize(text, font=fontstyle)
    edtb.text((width/200,height*0.7), text, color, font=fontstyle)
    return img

elif(pos == "bc"):
    splits = textwrap.wrap(text, width=50)
    text = ""
    for part in splits:
        text += part
        text += "\n"
    edtb = ImageDraw.Draw(img)
    w_t, h_t = edtb.textsize(text, font=fontstyle)
    edtb.text((((width-w_t)/2),height*0.7), text, color, font=fontstyle)
    return img

elif(pos == "br"):
    splits = textwrap.wrap(text, width=20)
    text = ""
    for part in splits:
        text += part
        text += "\n"
    edtb = ImageDraw.Draw(img)
    w_t, h_t = edtb.textsize(text, font=fontstyle)
    edtb.text((width*0.6,height*0.7), text, color, font=fontstyle)
    return img

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[4]: meme_template = Image.open("./willsmithtemplate.jpg")
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[5]: yellow = (255,255,0)
width, height = meme_template.size
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[6]: meme = addtext(meme_template, "console program for memes, magic numbers_
↳everywhere", width, height, "bc", yellow)
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[7]: meme = deepfrier(meme)
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[8]: meme
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[8]:
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