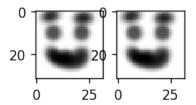
parse_string

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```
In [1]: import matplotlib.pyplot as plt
        import os
        plt.rcParams.update({
            'image.cmap': 'gray',
            'figure.dpi': 120,
            'axes.grid': False,
        })
In [2]: from skimage import data
        from skimage.color import rgb2gray
        # Load image
        img_orginal = data.imread('image.bmp')
        img = rgb2gray(img_orginal)
        fig, axs = plt.subplots(1,2,figsize = (2,2))
        axs[0].imshow(img_orginal)
        axs[1].imshow(img)
        plt.show()
```



```
for column in rows:
                imgAsVector += str(column)
                imgAsVector += ','
            imgAsVector = imgAsVector[:-1]
            imgAsVector += ';'
        imgAsVector = imgAsVector[:-1]
        imgAsVector += ']'
        text_file = open("imgin_vector.txt", "w")
        text_file.write("%s" % imgAsVector)
        text_file.close()
In [4]: try:
            os.remove("imginfnt_vector.txt")
        except OSError:
            pass
        try:
            os.remove("imgout_vector.txt")
        except OSError:
            pass
        import subprocess
        test = subprocess.Popen(["gp", "-q", "fnt_2d_methods.gp"], stdout=subprocess.PIPE)
        output = test.communicate()[0]
        output
In [5]: with open("imgout_vector.txt") as file:
```

```
data = file.read().replace('\n', '')
In [6]: import numpy
        newImageArr = numpy.zeros((32,32))
        for row in data[1:-1].split(';'):
            newImageArr[i] = row.split(',')
In [7]: fig, axs = plt.subplots(1,2,figsize = (2,2))
        axs[0].imshow(img_orginal)
        axs[1].imshow(newImageArr)
        plt.show()
```

