

Fight Club Word Cloud

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1 Import the libraries

```
In [1]: from os import path
        from PIL import Image
        import numpy as np
        import matplotlib.pyplot as plt

        from wordcloud import WordCloud, STOPWORDS
```

2 Define the parameters

```
In [3]: text = open("fcCP.txt").read()
        fightClub_mask = np.array(Image.open("fc.png"))
        stopwords = set(STOPWORDS)
        stopwords.add("fuck")
        wc = WordCloud(background_color="white", max_words=2000, mask=fightClub_mask,
                        stopwords=stopwords)
```

3 Generate and Store the Word Cloud

```
In [4]: wc.generate(text)
        wc.to_file("FightClub_cloud.png")
        plt.imshow(wc, interpolation='bilinear')
        plt.axis("off")
        plt.figure()
        plt.imshow(fightClub_mask, cmap=plt.cm.gray, interpolation='bilinear')
        plt.axis("off")
        plt.show()
```

