库安装(依赖于numpy和pillow)：

pip install wordcloud

导入库：

from wordcloud import WordCloud

相关类：

WordCloud

方法：

\_\_init\_\_(width=400, height=200, max\_font\_size=None, mask=None, stopwords=None, background\_color='black', contour\_width=0, contour\_color='black', mode=’RGB’)：生成WordCloud对象

generate(text)：根据文本返回WordCloud对象

fit\_words(dict)：根据字典返回WordCloud对象，dict的item为词组和float

process\_text(self, text)：返回dict，其item为词组和int，text为文本

to\_image()：返回一个PIL.Image.Image对象

to\_file(file)：保存内容到image文件

示例1：

from wordcloud import WordCloud  
  
fp = open("constitution.txt")  
text = fp.read()  
wordcloud = WordCloud().generate(text)  
image = wordcloud.to\_image()  
image.show()

示例2：

from wordcloud import WordCloud,STOPWORDS  
import numpy as np  
from PIL import Image  
  
text = open("alice.txt").read()  
alice\_mask = np.array(Image.open("alice\_mask.png"))  
stopwords = set(STOPWORDS)  
stopwords.add("said")  
wc = WordCloud(stopwords=stopwords, mask=alice\_mask,background\_color="white",contour\_color="black",contour\_width=1).generate(text)  
image = wc.to\_image()  
image.show()