window系统:

# 当系统同时安装Python2 和Python3 时, 使用pip3 install scrapy安装scrapy时，

# 报错：[Pip - Fatal error in launcher: Unable to create process using '"'](https://stackoverflow.com/questions/37220055/pip-fatal-error-in-launcher-unable-to-create-process-using)

# 解决方案：python3 –m pip install scrapy

# windows中自定 scrapy crawl jobbole 报错：No module named win32api

# 解决方案： pip install pypiwin32, linux 不会出现此问题

# 在cmd中调试 srcapy shell testUrl

# title = response.xpath('//\*[@id="post-112239"]/div[1]/h1/text()')

# title 值为一个selector可继续调用xpath如：title.xpath(“//\*”)

# 提取title中的值:title.extract()

# 当元素class属性包含多个值时，xpath的写法。

# 如：

# <span data-post-id="112239" class=" btn-bluet-bigger href-style vote-post-up register-user-only "><i class="fa fa-thumbs-o-up"></i> <h10 id="112239votetotal">2</h10> 赞</span>

# good = response.xpath(“//span[contains(@class,’ vote-post-up’)]”)