## virtualenv

[root@localhost python]# python --version

Python 2.7.5

easy\_install pip

pip list

pip install virtualenv

virtualenv –h

[root@localhost python]# virtualenv --version

15.1.0

mkdir -p /home/python/

cd /home/python/

virtualenv ENV

cd ENV/

source ./bin/activate

pip list

deactivate

cd /home/python/

virtualenv --no-site-packages ENV2

source ENV2/bin/activate

pip list

pip install jinja2

pip list

deactivate

ls ENV2/lib/python2.7/site-packages/

source ENV/bin/activate

pip list

deactivate

## scrapy

<http://scrapy-chs.readthedocs.io/zh_CN/1.0/intro/tutorial.html>

cd /home/python

source /home/python/ENV/bin/activate

(ENV) [root@localhost python]# pip install scrapy

scrapy startproject tutorial

cd tutorial/tutorial/spiders/

(ENV) [root@localhost spiders]# cat quotes\_spider.py

import scrapy

class QuotesSpider(scrapy.Spider):

name = "quotes"

def start\_requests(self):

urls = [

'http://quotes.toscrape.com/page/1/',

'http://quotes.toscrape.com/page/2/',

]

for url in urls:

yield scrapy.Request(url=url, callback=self.parse)

def parse(self, response):

page = response.url.split("/")[-2]

filename = 'quotes-%s.html' % page

with open(filename, 'wb') as f:

f.write(response.body)

self.log('Saved file %s' % filename)

(ENV) [root@localhost spiders]# scrapy crawl quotes