

Django Blog Project

Part 4.5 Getting Twitter Bootstrap Set-Up

Twitter Bootstrap is a library of CSS (Cascading Style Sheets – documents that describe how HTML should look) that allows developers to quickly prototype and build the front-ends of websites. It allows them to go from a terribly ugly site to one that looks *fine* in a matter of minutes. It also enables developers to build web pages without having to spend hours figuring out how to do very common things. In a way, Django is to Python what Bootstrap is to CSS. This mini lab is going to walk you through getting it set up on your development and heroku django applications.

First we have to download bootstrap and get it inside of our application

1. Go to <http://twitter.github.com/bootstrap> to learn more about what bootstrap is and to see some examples of what it looks like.
2. When you've had enough of browsing around the site, find the big grey button that says "Download Bootstrap" and click it (to download bootstrap).
3. Unzip the file.
4. In your 'myblog' directory (the same one in which you'll find 'settings.py') create a folder called 'assets'
5. Move the 'bootstrap' folder that you got from unzipping the downloaded file to inside of the assets directory.
6. At the line
`<link rel="stylesheet" href="/static/bootstrap/css/bootstrap.css"/>`
to the <head> section of your 'blog/base.html' template

Ok now we have to adjust some settings so Django can find and serve bootstrap

1. In settings.py, set STATIC_ROOT equal to 'static/ '
2. Find the setting STATICFILE_DIRS and add the value
`os.path.join(SITE_ROOT, 'assets'),`
3. At the top of your base url.py file (the one in the same directory as 'settings.py') add the line from `django.conf import settings`
4. Then add the following url rule, which will make sure that all requests for static files get served:
`url(r'^static/(?P<path>.*)$', 'django.views.static.serve', {
 'document_root' : settings.STATIC_ROOT,
}),`

Reload your pages and enjoy the nice looking styling of twitter bootstrap. Learn more about how you can use it at <http://twitter.github.com/bootstrap>