

# Django - Apache Setup

So far, in our examples, we have used the Django dev web server. But this server is just for testing and is not fit for production environment. Once in production, you need a real server like Apache, Nginx, etc. Let's discuss Apache in this chapter.

Serving Django applications via Apache is done by using `mod_wsgi`. So the first thing is to make sure you have Apache and `mod_wsgi` installed. Remember, when we created our project and we looked at the project structure, it looked like –

```
myproject/  
  manage.py  
  myproject/  
    __init__.py  
    settings.py  
    urls.py  
    wsgi.py
```

The `wsgi.py` file is the one taking care of the link between Django and Apache.

Let's say we want to share our project (`myproject`) with Apache. We just need to set Apache to access our folder. Assume we put our `myproject` folder in the default `"/var/www/html"`. At this stage, accessing the project will be done via `127.0.0.1/myproject`. This will result in Apache just listing the folder as shown in the following snapshot.

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As seen, Apache is not handling Django stuff. For this to be taken care of, we need to configure Apache in `httpd.conf`. So open the `httpd.conf` and add the following line –

```
WSGIScriptAlias / /var/www/html/myproject/myproject/wsgi.py  
WSGIProxyPath /var/www/html/myproject/  
  
<Directory /var/www/html/myproject/>  
  <Files wsgi.py>  
    Order deny,allow  
    Allow from all  
  </Files>  
</Directory>
```

If you can access the login page as `127.0.0.1/myapp/connection`, you will get to see the following page –

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