

Bookzilla - Deployment Guide

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Bookzilla is a book-sharing application written in Python using the Django Framework. Source code can be obtained from the Bitbucket repository[1]. Before deploying, you need to install the prerequisites.

1 Prerequisites

1. Python (version 2.7 or higher)[2]
2. Git [5]
3. Django (version 1.7 or higher)[3]
4. Pip, the Python Package Manager [4]
5. SQLite 3 (using apt-get)

2 Deploying

- Get the source from the repository [1] using `git pull`
- Enter the source folder and run `python manage.py migrate`. You should see a list of SQL commands being applied.
- Install the required Django plugins by running `pip install -r requirements.txt` from the root of the source folder
- Create a superuser using `python manage.py createsuperuser` and follow the instructions on screen.
- Enter the administration interface with the account you just created at `localhost:8000/admin`, go to **Groups** and create a new group called **Couriers**.
- To start the local development server, run `python manage.py runserver`
 - You can now use the website on `localhost:8000`
 - The courier interface is at `localhost:8000/courier/login`

- To run the webserver on a specific IP and port, run `python manage.py <IP>:<port>`
- You can then stop the server using `Ctrl+C`

References

- [1] Bitbucket repository - <https://bitbucket.org/e201/bookzilla>
- [2] Python official site - <https://www.python.org/download/>
- [3] Django installation - <https://docs.djangoproject.com/en/1.8/intro/install/>
- [4] Pip installation - <https://pip.pypa.io/en/latest/installing.html>
- [5] Git official site - git-scm.com/