本文主要介绍了基于Docker的Web应用的开发、部署和运维。介绍了Web项目基于Spring MVC框架设计与实现，数据库的表结构设计，Docker基础的使用方法以及将Web应用部署到Docker中的实现方法。

自2013年Docker诞生到现在，在行业中受到越来越多的关注。Docker提供了一个集成的技术套件，使开发和运维团队可以随时随地方便的构建、迁移、运行应用程序。Docker容器包含应用程序软件所需要运行的一切完整的文件系统：代码，运行环境，系统工具，系统依赖库。这样就保证了它不管在什么环境下运行都会有相同的运行环境。鉴于Docker的优势，本文将会从Web应用的开发，到在Docker中部署、运维的过程中，来加深对Docker的了解，切身体会Docker给开发、运维人员带来的便利。

This paper describes the development of Web-based applications Docker, developments, deployments and operations. Introduced the Web project based on Spring MVC framework and implementation and the schema of the database table, Docker-based tutorial and deploy Web applications to the environment built by Docker.

Since 2013 Docker birth to now, more and more attention in the industry. Docker provides an integrated technology suite that enables development and IT operations teams to build, ship, and run distributed applications anywhere. Docker containers wrap up a piece of software in a complete filesystem that contains everything it needs to run: code, runtime, system tools, and system libraries – anything you can install on a server. This guarantees that it will always run the same, regardless of the environment it is running in. Given Docker advantage above, this paper will be from the development of the Web application to be deployed, operated in Docker, and deepen understanding, get the convenience of development, operation and maintenance with Docker.