



# Using Docker: Developing and Deploying Software with Containers

Adrian Mouat

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Docker containers offer simpler, faster, and more robust methods for developing, distributing, and running software than previously available. With this hands-on guide, you'll learn *why* containers are so important, *what* you'll gain by adopting Docker, and *how* to make it part of your development process.

Ideal for developers, operations engineers, and system administrators—especially those keen to embrace a DevOps approach—Using Docker will take you from Docker and container basics to running dozens of containers on a multi-host system with networking and scheduling. The core of the book walks you through the steps needed to develop, test, and deploy a web application with Docker.

- Get started with Docker by building and deploying a simple web application
- Use Continuous Deployment techniques to push your application to production multiple times a day
- Learn various options and techniques for logging and monitoring multiple containers
- Examine networking and service discovery: how do containers find each other and how do you connect them?
- Orchestrate and cluster containers to address load-balancing, scaling, failover, and scheduling
- Secure your system by following the principles of defense-in-depth and least privilege



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Playing with family in a very park, coming to see the coastal world or hanging out with close friends is thing that usually you have done when you have spare time, after that why you don't try thing that really opposite from that. A single activity that make you not feeling tired but still relaxing, trilling like on roller coaster you already been ride on and with addition of information. Even you love Using Docker: Developing and Deploying Software with Containers, you could enjoy both. It is excellent combination right, you still desire to miss it? What kind of hangout type is it? Oh seriously its mind hangout people. What? Still don't have it, oh come on its identified as reading friends.

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