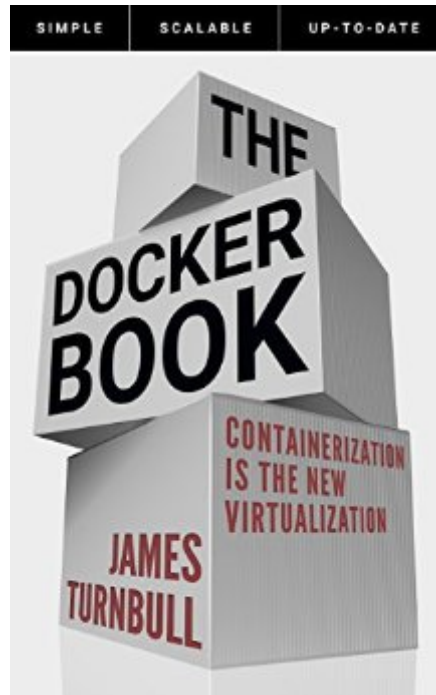


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The Docker Book: Containerization Is The New Virtualization



Synopsis

Extensively updated for Docker 1.12! A new book designed for SysAdmins, Operations staff, Developers and DevOps who are interested in deploying the open source container service Docker. In this book, we will walk you through installing, deploying, managing, and extending Docker. We're going to do that by first introducing you to the basics of Docker and its components. Then we'll start to use Docker to build containers and services to perform a variety of tasks. We're going to take you through the development life cycle, from testing to production, and see where Docker fits in and how it can make your life easier. We'll make use of Docker to build test environments for new projects, demonstrate how to integrate Docker with continuous integration workflow, and then how to build application services and platforms. Finally, we'll show you how to use Docker's API and how to extend Docker yourself. We'll teach you how to:

- * Install Docker.
- * Take your first steps with a Docker container.
- * Build Docker images.
- * Manage and share Docker images.
- * Run and manage more complex Docker containers.
- * Deploy Docker containers as part of your testing pipeline.
- * Build multi-container applications and environments.
- * Learn about orchestration. Use Compose and Swarm for the orchestration of Docker containers and Consul for service discovery.
- * Explore the Docker API.
- * Getting Help and Extending Docker.

Extensively updated for Docker 1.12!

Book Information

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Customer Reviews

Very useful, well done Docker book. Good examples. Docker is amazing technology, and evolving very rapidly as this is being written in July, 2014. The author is tracking these changes and updating the ebook appropriately. However, the Kindle version is lagging behind the other ebook versions in getting timely updates delivered. Please push those updates, !

Before reading this book, I had made two separate attempts to learn how to use Docker. Both times I learned more than I knew before, but still not enough to roll out a stack of containers that could run a reasonably complex piece of software. There's so much buzz around Docker, that I felt certain I must just be missing something. I was right. "The Docker Book" does an incredible job of slowly building on previous examples to help you get comfortable with the core concepts of Docker. I expected the book to take me a while to get through, but I was pleasantly surprised when I finished the book in just two days, and that includes working through the examples. I have already recommended this book to our Devops team at work, and will tell others who are struggling to implement Docker to give this book a read.

I found this book to be an excellent introduction to Docker. It is fairly concise yet comprehensive guide written in tutorial format to help us hit the grounds running almost immediately. One can become an effective Docker user just by working through the examples as I can easily applied the example scenarios to my own work environment. If you have experience with Vagrant before, you will find Docker concepts quite familiar. Docker is a very important tool for DevOps engineering as developers can take more ownership from coding to actual deployment by shipping containers. Keep in mind though that Docker is no magic pill that developers can fantasize about merely deploying Docker containers in production environment and all things just run smoothly! Lots of configuration and monitoring still need to be in place but Docker certainly helps moving code to production a lot smoother. I also found github docker cheat-sheet guide to be quite handy when getting familiarized with the Docker commands. Hope you enjoy the book as much as I do.

There is a lot written out there about Docker - many demonstrations and tutorials, but most focus on a single feature or building a system in isolation. After reading "The Docker Book" I really felt like I had a complete reference to all features of Docker and felt confident in building up a Docker "network" of multiple containers.

I want to thank James for writing The Docker Book and making it easy to understand for someone new to containers. As an IT manager I had been hearing all the buzz about Docker and thought it would be a good idea for me to sharpen my skills on this new technology. After reading the first couple of pages on my Kindle Fire I found it necessary to download the Kindle eReader to my PC so I could follow along on my computer. One thing you will find out very quickly is The Docker Book is a how-to guide and therefore is best read while following along on the CLI as you read. My first crack at Docker was Boot2Docker for Windows but after running into a few gotchas I opted to jump on EC2 and deploy an Ubuntu VM and follow James along step by step. Before long I had a WordPress website up and running on Docker. The only challenge I did have with the book was James was trying to offer so many options for installing Docker that it did get confusing, especially when I was trying to track down the right command to figure something out. Other than that I really enjoyed The Docker Book and even took time to document my Docker adventures on my blog.

While I've read some docs, blogs, watched youtube videos and played with Docker, this book really brings it all together and fills many of the gaps I had. This is the first James Turnbull book I've read and I found it very easy to follow and was at the right level of detail for me (Dev Mgr). Sometimes when a technology is changing so fast like Docker, the books for it can quickly get outdated but currently this is not the case for this book as it refers to Docker 1.3 and it seems the book has had several updates. The low price also made it a very easy decision to buy and one that I certainly didn't regret. I would highly recommend to anyone interested in Docker.

Look no further. This has GOT to be the first computer book I have ever read where everything, all examples, command overviews, etc. have been spot on (OK I am only 33% into this book). I am so tired of being teased by samples which get me close, but not all the way. This is an amazing read as well since it speaks in a concise manner and explains everything it shows in an example, including all command switches and other useful options. If you have an interest in Docker, this is the book to get.

I have been struggling to get a good depth of Docker with several books but couldn't. This book made it possible! It's a great book and one I will recommend to someone new to Docker. It's well written with good examples. You will be up and running in no time. Highly recommended.

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