



Learning Azure DocumentDB

By Riccardo Becker

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Learning Azure DocumentDB By Riccardo Becker

Create outstanding enterprise solutions around DocumentDB using the latest technologies and programming tools with Azure

About This Book

- Get to know the concepts of DocumentDB and learn to work your way around it
- Manipulate and query your documents using different modern technologies to access DocumentDB
- Build a real-life scenario using Microsoft Visual Studio and C# with this handy and practical guide

Who This Book Is For

This book is for novice developers and database architects who need a thorough knowledge of the features of DocumentDB and developing applications with it. Basic knowledge of SQL would be helpful.

What You Will Learn

- Create, manage, and configure your DocumentDB environment
- Execute SQL queries from simple to complex and nested ones against your database
- Get to know about advanced DocumentDB techniques such as scopes, partitioning, indexing, triggers, UDF's, and security
- Fine-tune your DocumentDB database to optimize performance and costs
- Interact with DocumentDB from different technologies and platforms
- Build a real-life scenario using C# and put DocumentDB at the heart of Azure solutions
- Understand how to migrate from your current datastore to DocumentDB

In Detail

Learning DocumentDB adopts a practical, step-by-step approach to help you

learn the basics of DocumentDB and use your new-found abilities in real-life scenarios and enterprise solutions.

We start with the absolute basics, such as setting up a DocumentDB environment, and guide you through managing your databases, and executing simple and complex queries. Next, we explain how to work with DocumentDB using the open REST protocol, and demonstrate how JavaScript works with DocumentDB. We'll also show you how to authenticate and execute queries. Moving on, you'll find out how to use DocumentDB from within Node.js to kick-start your Node.js projects. Next, you'll discover how to increase the performance of your DocumentDB database and fine-tune it.

Finally, you'll get to grips with using DocumentDB in conjunction with other services offered from the Microsoft Azure platform.

Style and approach

This book can be used as a tutorial where you learn step by step, but also as a knowledge base to quickly look up recipes you can instantly utilize. Starting with the basics and moving on to advanced topics, every concept is explained in theory and demonstrated through easy-to-understand examples.

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Editorial Review

About the Author

Riccardo Becker

Riccardo Becker works full time as a principal IT architect for CGI in the Netherlands. He holds several certifications and his background in computing goes way back to 1998, when he started working with good old Visual Basic 5.0 (or was it 6.0?). Ever since, he has fulfilled several roles, such as a developer, lead developer, architect, project leader, practice manager. Recently, he decided to accept the role of a principal IT architect where he focuses on innovation, cutting-edge technology, and specifically on Microsoft Azure, the Internet of Things, and cloud computing in general. In 2007, he joined the Microsoft LEAP program where he got a peek at the move Microsoft was about to make on their road to the cloud. Pat Helland gave him that insight, and since the first release of Microsoft Azure on PDC 2008, he started to focus on it, keeping track of the progress and the maturity of the platform. In the past few years, he has also done a lot of work on incubation with his employer, raising awareness of cloud computing in general and Microsoft Azure in particular.

Users Review

From reader reviews:

Mary Manzo:

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