

# eXist: A NoSQL Document Database and Application Platform

By Erik Siegel, Adam Retter





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Get a head start with eXist, the open source NoSQL database and application development platform built entirely around XML technologies. With this handson guide, you'll learn eXist from the ground up, from using this feature-rich database to work with millions of documents to building complex web applications that take advantage of eXist's many extensions.

If you're familiar with XML—as a student, professor, publisher, or developer—you'll find that eXist is ideal for all kinds of documents. This book shows you how to store, query, and search documents with XQuery and other XML technologies, and how to construct applications on top of the database with tools such as eXide and eXist's built-in development environment.

- Manage both data-oriented and text-oriented markup documents securely
- Build a sample application that analyzes and searches Shakespeare's plays
- Go inside the architecture and learn how eXist processes documents
- Learn how to work with eXist's internal development environment
- Choose among various indexes, including a full-text index based on Apache Lucene
- Dive into eXist's APIs for integrating or interacting with the database
- Extend eXist by building your own Triggers, Scheduled Tasks, and XQuery extension modules

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#### **Editorial Review**

About the Author

Erik Siegel runs Xatapult, a consultancy that offers coaching, training, applications, and more to the publishing world.

Adam Retter is one of the core developers of eXist-db and has been using and contributing to eXist since 2005. Passionate about the Web, Code Quality, Standards and Portable Code, Adam has been promoting XQuery as a Web Application development language for the last few years. Adam is a member of the XML Guild, an Invited Expert to the W3C XML Query Working group and on the program committee of both the XML Prague and the XML Summer School conferences.

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