
Apache The Definitive Guide

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Hadoop: The Definitive Guide

"O'Reilly Media, Inc."

"HBase: The Definitive Guide" provides the details for

evaluating this high-performance, non-relational database, or putting it into practice right away. HBase's adoption rate is beginning to climb, and IT executives are asking pointed questions about this high-capacity database.

Apache: The Definitive Guide, 3/E
"O'Reilly Media, Inc."
Apache is far and away the most widely used web server platform in the world. Both free and rock-solid, it runs more than half of the world's web

sites, ranging from huge e-commerce operations to corporate intranets and smaller hobby sites, and it continues to maintain its popularity, drawing new users all the time. If you work with Apache on a regular basis, you have plenty of documentation on installing and configuring your server, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging? The Apache Cookbook is a collection of problems, solutions, and similar practical situations. The examples for webmasters, web administrators, programmers, and everyone else who works with Apache. For every problem addressed in the book, there's a worked-out solution or "recipe"--short, focused pieces of code that you can use immediately. But this book offers more than cut-and-paste code. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to recipes in the Apache Cookbook range from simple tasks, such as installing the server on Red Hat Linux or Windows, to more complex tasks, such as setting up name-based virtual hosts or securing and managing your proxy server. The two hundred plus recipes in the book cover additional topics such as: Security Aliases, Redirecting, and Rewriting CGI Scripts, the suexec Wrapper, and other dynamic

content
techniques
Error Handling
SSL Performance
The impressive
collection of
useful code in
this book is a
guaranteed
timesaver for
all Apache
users, from
novices to
advanced
practitioners.
Instead of
poking around
mailing lists,
online
documentation,
and other
sources, you
can rely on the
Apache Cookbook
for quick
solutions to
common
problems, and
then you can
spend your time
and energy
where it
matters most.

Tomcat: The
Definitive Guide
"O'Reilly Media,
Inc."
There ' s growing
interest in
learning how to
analyze
streaming data in
large-scale
systems such as
web traffic,
financial
transactions,
machine logs,
industrial
sensors, and
many others. But
analyzing data
streams at scale
has been difficult
to do well—until
now. This
practical book
delivers a deep
introduction to
Apache Flink, a
highly innovative
open source
stream processor
with a surprising
range of
capabilities.

Authors Ellen
Friedman and
Kostas Tzoumas
show technical
and nontechnical
readers alike how
Flink is
engineered to
overcome
significant
tradeoffs that
have limited the
effectiveness of
other approaches
to stream
processing. You ' ll
also learn how
Flink has the
ability to handle
both stream and
batch data
processing with
one technology.
Learn the
consequences of
not doing
streaming well—in
retail and
marketing, IoT,
telecom, and
banking and
finance Explore
how to design

data architecture to gain the best advantage from stream processing. Get an overview of Flink's capabilities and features, along with examples of how companies use Flink, including in production. Take a technical dive into Flink, and learn how it handles time and stateful computation. Examine how Flink processes both streaming (unbounded) and batch (bounded) data without sacrificing performance.

Maven: The Definitive Guide

Coriolis Group Books

This guide to creating web

documents using HTML and XHTML starts with basic syntax and semantics, and finishes with broad style guidelines for designing accessible documents that can be delivered to a browser. Links, formatted lists, cascading style sheets, forms, tables, and frames are covered. The fourth edition is updated to HTML 4.01 and XHTML 1.0. Annotation copyrighted by Book News Inc., Portland, OR

[The Definitive Guide to GCC](#)

"O'Reilly Media, Inc."

* The Definitive Guide to Apache mod_rewrite is the

first book devoted to mastering mod_rewrite, Apache's most powerful (and confusing) module. * It is authored by noted Apache expert and Apache Software Foundation member Rich Bowen, who draws on several years of extensive experience administering the Apache server as well as speaking and writing regularly on the topic. * This book covers all matters pertinent to mod_rewrite: installation and configuration, basic and conditional rewrites, access control, maintaining virtual hosts, and proxying.

HTML and XHTML, the Definitive Guide "O'Reilly Media, Inc."

Apache is far and away the most widely used web server platform in the world. This versatile server runs more than half of the world's existing web sites. Apache is both free and rock-solid, running more than 21 million web sites ranging from huge e-commerce operations to corporate intranets and smaller hobby sites.

Ant "O'Reilly Media, Inc."

Data in all domains is getting bigger. How can you work with it efficiently? Recently updated

for Spark 1.3, this book introduces Apache Spark, the open source cluster computing system that makes data analytics fast to write and fast to run. With Spark, you can tackle big datasets quickly through simple APIs in Python, Java, and Scala. This edition includes new information on Spark SQL, Spark Streaming, setup, and Maven coordinates. Written by the developers of Spark, this book will have data scientists and engineers up and running in no time. You ' ll learn how to express parallel jobs with just a few lines of code, and cover

applications from simple batch jobs to stream processing and machine learning. Quickly dive into Spark capabilities such as distributed datasets, in-memory caching, and the interactive shell Leverage Spark ' s powerful built-in libraries, including Spark SQL, Spark Streaming, and MLlib Use one programming paradigm instead of mixing and matching tools like Hive, Hadoop, Mahout, and Storm Learn how to deploy interactive, batch, and streaming applications Connect to data sources including HDFS, Hive, JSON,

and S3 Master
advanced topics like
data partitioning
and shared variables
Apache 2 Pocket
Reference "O'Reilly
Media, Inc."
Three of CouchDB's
creators show you
how to use this
document-oriented
database as a
standalone
application
framework or with
high-volume,
distributed
applications. With its
simple model for
storing, processing,
and accessing data,
CouchDB is ideal for
web applications that
handle huge amounts
of loosely structured
data. That alone
would stretch the
limits of a relational
database, yet
CouchDB offers an
open source solution
that's reliable, scales

easily, and responds
quickly. CouchDB
works with self-
contained data that
has loose or ad-hoc
connections. It's a
model that fits many
real-world items, such
as contacts, invoices,
and receipts, but
you'll discover that
this database can
easily handle data of
any kind. With this
book, you'll learn how
to work with
CouchDB through its
RESTful web
interface, and become
familiar with key
features such as
simple document
CRUD (create, read,
update, delete),
advanced
MapReduce,
deployment tuning,
and more.
Understand the basics
of document-oriented
storage and
manipulation Interact
with CouchDB

entirely though HTTP
using its RESTful
interface Model data
as self-contained
JSON documents
Handle evolving data
schemas naturally
Query and aggregate
data in CouchDB
using MapReduce
views Replicate data
between nodes Tune
CouchDB for
increased
performance and
reliability
Hadoop: The
Definitive Guide
Packt Publishing
Ltd
Whether you need
full-text search or
real-time analytics
of structured
data—or
both—the
Elasticsearch
distributed search
engine is an ideal
way to put your

data to work. This practical guide not only shows you how to search, analyze, and explore data with Elasticsearch, but also helps you deal with the complexities of human language, geolocation, and relationships. If you ' re a newcomer to both search and distributed systems, you ' ll quickly learn how to integrate Elasticsearch into your application. More experienced users will pick up lots of advanced techniques. Throughout the book, you ' ll	follow a problem-based approach to learn why, when, and how to use Elasticsearch features. Understand how Elasticsearch interprets data in your documents Index and query your data to take advantage of search concepts such as relevance and word proximity Handle human language through the effective use of analyzers and queries Summarize and group data to show overall trends, with aggregations and analytics Use geo-points and geo-sha	pes—Elasticsearch ' s approaches to geolocation Model your data to take advantage of Elasticsearch ' s horizontal scalability Learn how to configure and monitor your cluster in production Writing Apache Modules with Perl and C "O'Reilly Media, Inc." Coding and testing are often considered separate areas of expertise. In this comprehensive guide, author and Java expert Scott Oaks takes the approach that anyone who works with Java should
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be equally adept at understanding how code behaves in the JVM, as well as the tunings likely to help its performance. You ' ll gain in-depth knowledge of Java application performance, using the Java Virtual Machine (JVM) and the Java platform, including the language and API. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the way Java 7 and 8 applications perform. Apply four principles for obtaining the best results from performance testing Use JDK tools to collect data on how a Java application is performing Understand the advantages and disadvantages of using a JIT compiler Tune JVM garbage collectors to affect programs as little as possible Use techniques to manage heap memory and JVM native memory Maximize Java threading and synchronization performance features Tackle performance issues in Java EE and Java SE APIs

Improve Java-driven database application performance HADOOP Manning Publications Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you ' ll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This third edition—updated for Cassandra 4.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate

the advantages of Cassandra ' s nonrelational design, with special attention to data modeling. If you ' re a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra ' s speed and flexibility. Understand Cassandra ' s distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore

cluster topology and learn how nodes exchange data
Cassandra: The Definitive Guide
"O'Reilly Media, Inc."
Ready to unlock the power of your data? With this comprehensive guide, you ' ll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. You ' ll find

illuminating case studies that demonstrate how Hadoop is used to solve specific problems. This third edition covers recent changes to Hadoop, including material on the new MapReduce API, as well as MapReduce 2 and its more flexible execution model (YARN). Store large datasets with the Hadoop Distributed File System (HDFS) Run distributed computations with MapReduce Use Hadoop ' s data and I/O building blocks for compression, data

integrity, serialization (including Avro), and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster—or run Hadoop in the cloud Load data from relational databases into HDFS, using Sqoop Perform large-scale data processing with the Pig query language Analyze datasets with Hive, Hadoop 's data warehousing system Take

advantage of HBase for structured and semi-structured data, and ZooKeeper for building distributed systems Apache Server for Windows Little Black Book "O'Reilly Media, Inc." Learn how to use, deploy, and maintain Apache Spark with this comprehensive guide, written by the creators of the open-source cluster-computing framework. With an emphasis on improvements and new features in Spark 2.0, authors Bill Chambers and

Matei Zaharia break down Spark topics into distinct sections, each with unique goals. You 'll explore the basic operations and common functions of Spark 's structured APIs, as well as Structured Streaming, a new high-level API for building end-to-end streaming applications. Developers and system administrators will learn the fundamentals of monitoring, tuning, and debugging Spark, and explore machine learning techniques and

scenarios for
employing MLlib,
Spark's
scalable machine-
learning library.
Get a gentle
overview of big
data and Spark
Learn about
DataFrames, SQL,
and Datasets's
Spark's core
APIs through
worked examples
Dive into
Spark's low-
level APIs, RDDs,
and execution of
SQL and
DataFrames
Understand how
Spark runs on a
cluster Debug,
monitor, and tune
Spark clusters and
applications Learn
the power of
Structured

Streaming,
Spark's stream-
processing engine
Learn how you
can apply MLlib to
a variety of
problems,
including
classification or
recommendation
Lucene and Solr: The
Definitive Guide
"O'Reilly Media,
Inc."
Readers will find
hundreds of
immediate solutions
for turning Apache
into a powerhouse
Web server. Key
topics include setting
up a virtual Web site,
mastering security,
creating optimized
CGI scripts, tuning
and customizing
Apache servers, using
the Apache Module
API, setting up
Apache as a proxy
server, and setting up

commerce sites.
Kafka Streams in
Action "O'Reilly
Media, Inc."
Learn how to take
full advantage of
Apache Kafka, the
distributed, publish-
subscribe queue for
handling real-time
data feeds. With this
comprehensive book,
you will understand
how Kafka works and
how it is designed.
Authors Neha
Narkhede, Gwen
Shapira, and Todd
Palino show you how
to deploy production
Kafka clusters;
secure, tune, and
monitor them; write
rock-solid
applications that use
Kafka; and build
scalable stream-
processing
applications. Learn
how Kafka compares
to other queues, and
where it fits in the big
data ecosystem. Dive

into Kafka's internal design. Pick up best practices for developing applications that use Kafka. Understand the best way to deploy Kafka in production monitoring, tuning, and maintenance tasks. Learn how to secure a Kafka cluster.

Definitive Guide to Excel VBA
"O'Reilly Media, Inc."

Describes the history of the Web server platform and covers downloading and compiling, configuring and running the program on UNIX, writing specialized modules, and establishing security routines.

Kafka: The Definitive Guide
Apress

With the intense interest in big data and the growing complexity of Apache Solr applications, application developers, business professionals, and end-users alike are clamoring for a more in-depth look at Apache Lucene and Solr. This comprehensive one-stop guide helps you gain a thorough understanding of Lucene's underlying architecture so you can design, implement, and tune successful Solr applications. High-speed inverted indexes are inherently difficult to develop. That's why more and more

enterprises are implementing the Solr search server and Lucene Core search technology for complex text retrieval, as a NoSQL system for big data, or as a replacement for relational database systems that require horizontal scalability. With this guide's complete coverage of both Lucene and Solr, you'll get a unified view of their value and applicability to your big data projects. Learn how Lucene works from the inside out. Get examples for using both Lucene and Solr APIs. Configure Solr for optimal production use. Learn how to use

Solr with Hadoop
Apache Cookbook
"O'Reilly Media,
Inc."
Apache is far and
away the most
widely used web
server platform in
the world. This
versatile server
runs more than
half of the world's
existing web sites.
Apache is both
free and rock-
solid, running
more than 21
million web sites
ranging from huge
e-commerce
operations to
corporate
intranets and
smaller hobby
sites. With this new
third edition of
Apache: The
Definitive Guide,

web administrators
new to Apache will
come up to speed
quickly, and
experienced
administrators will
find the logically
organized, concise
reference sections
indispensable, and
system
programmers
interested in
customizing their
servers will rely on
the chapters on the
API and Apache
modules. Updated
to cover the
changes in
Apache's latest
release, 2.0, as well
as Apache 1.3, this
useful guide
discusses how to
obtain, set up,
secure, modify,
and troubleshoot

the Apache
software on both
Unix and
Windows systems.
Dozens of clearly
written examples
provide the
answers to the real-
world issues that
Apache
administrators face
everyday. In
addition to
covering the
installation and
configuration of
mod_perl and
Tomcat, the book
examines PHP,
Cocoon, and other
new technologies
that are associated
with the Apache
web server.
Additional
coverage of
security and the
Apache 2.0 API

make Apache: The Definitive Guide, Third Edition essential documentation for the world's most popular web server.	updated recipes for the latest versions of Apache, with practical examples for web administrators, programmers, and anyone else who works with the web server. For every problem addressed in the book, you'll find short, focused pieces of code that you can use immediately. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to similar situations. Recipes range from simple tasks, such as installation, to complex tasks,	such as setting up name-based virtual hosts. This cookbook has solutions for beginners and experienced users alike.
<u>Spark: The Definitive Guide</u> "O'Reilly Media, Inc."	HTTP: The Definitive Guide "O'Reilly Media, Inc."	
Apache web server has good documentation for installing and configuring, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging? The third edition of this book provides more than 200	Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to	

integrate with other
GNU development
tools, including
automake, autoconf,
and libtool.