



Web Application Architecture: Principles, Protocols and Practices

By Leon Shklar, Rich Rosen



Download



Read Online

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen

In-depth examination of concepts and principles of Web application development

Completely revised and updated, this popular book returns with coverage on a range of new technologies. Authored by a highly respected duo, this edition provides an in-depth examination of the core concepts and general principles of Web application development. Packed with examples featuring specific technologies, this book is divided into three sections: HTTP protocol as a foundation for Web applications, markup languages (HTML, XML, and CSS), and survey of emerging technologies. After a detailed introduction to the history of Web applications, coverage segues to core Internet protocols, Web browsers, Web application development, trends and directions, and more.

- Includes new coverage on technologies such as application primers, Ruby on Rails, SOAP, XPath, P3P, and more
- Explores the fundamentals of HTTP and its evolution
- Looks at HTML and its roots as well as XML languages and applications
- Reviews the basic operation of Web Servers, their functionality, configuration, and security
- Discusses how to process flow in Web browsers and looks at active browser pages
- Addresses the trends and various directions that the future of Web application frameworks may be headed

This book is essential reading for anyone who needs to design or debug complex systems, and it makes it easier to learn the new application programming interfaces that arise in a rapidly changing Internet environment.



[Download Web Application Architecture: Principles, Protocol ...pdf](#)



[Read Online Web Application Architecture: Principles, Protoc ...pdf](#)

Web Application Architecture: Principles, Protocols and Practices

By Leon Shklar, Rich Rosen

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen

In-depth examination of concepts and principles of Web application development

Completely revised and updated, this popular book returns with coverage on a range of new technologies. Authored by a highly respected duo, this edition provides an in-depth examination of the core concepts and general principles of Web application development. Packed with examples featuring specific technologies, this book is divided into three sections: HTTP protocol as a foundation for Web applications, markup languages (HTML, XML, and CSS), and survey of emerging technologies. After a detailed introduction to the history of Web applications, coverage segues to core Internet protocols, Web browsers, Web application development, trends and directions, and more.

- Includes new coverage on technologies such as application primers, Ruby on Rails, SOAP, XPath, P3P, and more
- Explores the fundamentals of HTTP and its evolution
- Looks at HTML and its roots as well as XML languages and applications
- Reviews the basic operation of Web Servers, their functionality, configuration, and security
- Discusses how to process flow in Web browsers and looks at active browser pages
- Addresses the trends and various directions that the future of Web application frameworks may be headed

This book is essential reading for anyone who needs to design or debug complex systems, and it makes it easier to learn the new application programming interfaces that arise in a rapidly changing Internet environment.

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen **Bibliography**

- Sales Rank: #437916 in Books
- Published on: 2009-04-27
- Released on: 2009-04-16
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .86" w x 7.50" l, 1.75 pounds
- Binding: Paperback
- 440 pages



[Download Web Application Architecture: Principles, Protocol ...pdf](#)



[Read Online Web Application Architecture: Principles, Protoc ...pdf](#)



Download and Read Free Online Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen

Editorial Review

From the Back Cover

It is not enough for Web application developers to be proficient in just one platform. As platforms grow and evolve, and as new ones arise, developers must be able to transfer their proficiency across platforms in order to build complex Web applications effectively. This book helps developers understand the underlying core technologies so that they can learn new APIs and application frameworks more quickly.

Web Application Architecture provides an in-depth examination of the basic concepts and general principles associated with Web application development, using examples that illustrate specific technologies. This conceptual knowledge is critical when building and deploying complex systems that are scaleable, extensible, maintainable and reusable. The book explains the underlying protocols and languages that support Web application development, and delineates the best practices associated with building robust applications. It describes mechanisms for providing Web access to heterogeneous data sources including relational databases and multimedia.

The new edition includes brand new and fully updated chapters on:

- Internet protocols - from TCP/IP to HTTP and beyond
- software components - servers, browsers, proxies and agents
- the dynamic web - how web applications present dynamic data
- markup languages – HTML, XML and CSS
- tools, libraries and frameworks - AJAX, Struts, and Ruby on Rails
- search technologies – underlying principles, application design, and SEO
- future directions and emerging technologies – XML Query, RDF, and the Semantic Web

Ideally suited for course usage and self-study, this practical, engaging textbook is essential reading for students, programmers and system architects and designers alike. It provides a comprehensive, timely overview of modern web technology.

Visit the supplementary website at www.wileyeurope.com/college/shklar

About the Author

Leon Shklar currently works for Thomson Reuters where he is the head of technology for Reuters Media. Previously, Leon headed up the development team for the online edition of the *Wall Street Journal* at Dow Jones. Prior to joining Dow Jones, he spent six years at Bell Communications Research and almost as long in the world of dot-coms and Internet software. Leon holds a Ph.D. in Computer Science from Rutgers University.

Rich Rosen is a senior developer in the Fixed Income Systems Group at Interactive Data Corporation. Previously, he was an Application Architect at Dow Jones. Rich began his career at Bell Labs, where his work with relational databases and the Internet prepared him the world of Web application development. He is a co-author of *Mac OS X for Unix Geeks*, 4th Edition (O'Reilly). Rich holds an M.S. in Computer Science from Stevens Institute of Technology.

Users Review

From reader reviews:

Edgar Hightower:

What do you in relation to book? It is not important together with you? Or just adding material when you want something to explain what the one you have problem? How about your spare time? Or are you busy individual? If you don't have spare time to complete others business, it is gives you the sense of being bored faster. And you have extra time? What did you do? Everybody has many questions above. They should answer that question due to the fact just their can do that. It said that about book. Book is familiar on every person. Yes, it is appropriate. Because start from on kindergarten until university need that Web Application Architecture: Principles, Protocols and Practices to read.

Jason Probst:

Reading can called mind hangout, why? Because if you find yourself reading a book especially book entitled Web Application Architecture: Principles, Protocols and Practices your thoughts will drift away trough every dimension, wandering in every single aspect that maybe not known for but surely will end up your mind friends. Imaging every word written in a guide then become one application form conclusion and explanation this maybe you never get before. The Web Application Architecture: Principles, Protocols and Practices giving you a different experience more than blown away your thoughts but also giving you useful information for your better life with this era. So now let us present to you the relaxing pattern here is your body and mind will be pleased when you are finished examining it, like winning a casino game. Do you want to try this extraordinary wasting spare time activity?

Charles Myers:

Reading a book to be new life style in this calendar year; every people loves to go through a book. When you learn a book you can get a great deal of benefit. When you read guides, you can improve your knowledge, mainly because book has a lot of information onto it. The information that you will get depend on what forms of book that you have read. In order to get information about your analysis, you can read education books, but if you act like you want to entertain yourself look for a fiction books, this sort of us novel, comics, and soon. The Web Application Architecture: Principles, Protocols and Practices provide you with a new experience in studying a book.

Bryan Lewis:

You will get this Web Application Architecture: Principles, Protocols and Practices by visit the bookstore or Mall. Only viewing or reviewing it may to be your solve problem if you get difficulties for your knowledge. Kinds of this publication are various. Not only by simply written or printed but additionally can you enjoy this book by e-book. In the modern era similar to now, you just looking of your mobile phone and searching what your problem. Right now, choose your own ways to get more information about your book. It is most important to arrange yourself to make your knowledge are still upgrade. Let's try to choose proper ways for you.

Download and Read Online Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen #8XC9O4Z23HS

Read Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen for online ebook

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen books to read online.

Online Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen ebook PDF download

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen Doc

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen Mobipocket

Web Application Architecture: Principles, Protocols and Practices By Leon Shklar, Rich Rosen EPub