

# Building Scalable Web Sites Building Scaling And Optimizing The Next Generation Of Web Applications

Web Applications Intelligent Technologies for Web Applications Build Your First Web App Building Web Applications with UML Web Application Security Internet Applications in Product Design and Manufacturing Hacking Exposed Oracle Web Applications 101 Testing ASP.NET Web Applications The Web Application Hacker's Handbook Using Security Patterns in Web-Application Web Application Development with PHP 4.0 Secure Java Guide to Web Application and Platform Architectures Building Social Web Applications A Methodology for Client/server and Web Application Development Building Web Applications with C# and .NET Express Web Application Development Html5 Web Application Development by Example Developing Web Applications with Visual Basic.NET and ASP.NET Craig D. Knuckles Priti Srinivas Sajja Deborah Levinson Jim Conallen Andrew Hoffman George Q. Huang Joel Scambray Sten E. Vesterli Jeff McWherter Dafydd Stuttard Shahnawaz Alam Tobias Ratschiller Abhay Bhargav Stefan Jablonski Gavin Bell Roger Fournier Dudley W. Gill Hage Yaapa J. M. Gustafson John Alexander

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*Stefan Jablonski Gavin Bell Roger Fournier Dudley W. Gill Hage Yaapa J. M. Gustafson John Alexander*

this text explores the core concepts central to the development of three tier client server applications the heart of the book features a thorough exploration of concepts such as dynamically generated pages session state cookies database support and search capabilities

this reference presents both fundamental and advanced topics and related to operations using an integrated approach the authors describe the basics as well as latest trends in the area they cover agent based wrapper induction mining information retrieval knowledge management and social networks the text includes a host of examples and over 100 illustrations that clarify complex material it also contains many bibliographical notes end of chapter exercises glossaries and practice questions with solutions hints

not a techie don t worry this friendly and approachable guide shows even complete beginners how to build their first web application modern web application design and development can feel overwhelming how do you design a useful tool that can run on a desktop tablet and phone which programming framework should you use how can a non programmer pick up these skills build your first app answers these questions by teaching two popular practical frameworks bootstrap and angular js as well as the principles behind programming the basics of user experience design planning and structuring your software and making your application visually attractive and easier to use the book walks you through every step of creating you first app and gives you assignments in each chapter if you already know some html and css but want to go further and create something functional rather than static this book is for you book includes an overview of the app design planning process scenario development feature flow design through wireframing and user research quick tips for adding visual design intelligently to make the application easier to understand and use a walkthrough of how to code a sample app using a responsive framework bootstrap and angular js each chapter of the book covers a different part of the sample app allowing readers to follow along and draft their own code

conallen introduces architects and designers and client server systems to issues and techniques of developing software for the he expects readers to be familiar with object oriented principles and concepts particularly with uml unified modeling language and at least one application architecture or environment the second edition incorporates both technical developments and his experience

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while many resources for network and it security are available detailed knowledge regarding modern web application security has been lacking until now this practical guide provides both offensive and defensive security concepts that software engineers can easily learn and apply andrew hoffman a senior security engineer at salesforce introduces three pillars of web application security recon offense and defense you ll learn methods for effectively researching and analyzing modern web applications including those you don t have direct access to you ll also learn how to break into web applications using the latest hacking techniques finally you ll learn how to develop mitigations for use in your own web applications to protect against hackers explore common vulnerabilities plaguing today s web applications learn essential hacking techniques attackers use to exploit applications map and document web applications for which you don t have direct access develop and deploy customized exploits that can bypass common defenses develop and deploy mitigations to protect your applications against hackers integrate secure coding best practices into your development lifecycle get practical tips to help you improve the overall security of your web applications

this book deals with applications in product design and manufacture thus filling an information gap in digital manufacturing in the internet era it helps both developers and users to appreciate the potentials as well as difficulties in developing and adopting applications the objective is to equip potential users and practitioners of applications with a better appreciation of the technology in addition application developers and new researchers in this field will gain a clearer understanding of the selection of system architecture and design development and implementation techniques and deployment strategies the book is divided into two main parts the first part gives an overview of and internet and the second explains eight typical applications

featuring in depth coverage of the technology platforms surrounding applications and attacks this guide has specific case studies in the popular hacking exposed format

this resource gives an overview of the oracle database and covers the five basic tools for oracle web application development pl sql and pl sql server pages oracle portal oracle designer form and reports java servlets and java server pages the techniques and tools are detailed with comparisons and descriptions and hands on exercises are interspersed throughout the book

a unique resource that combines all aspects of testing and makes it completely specific to asp net as microsoft s key technology for creating dynamic data driven sites and applications asp net is incredibly popular this is the first book to combine several testing topics and make them specific to asp net the author duo of microsoft mvps covers both the test driven development approach and the specifics of automated user interface testing performance load and stress testing accessibility testing and security testing this definitive guide walks you through the many testing pitfalls you might experience when developing asp net applications the authors explain the fundamental concepts of testing and demystify all the correct actions you need to consider and the tools that are available so that you may successfully test your application author duo of microsoft mvps offer a unique resource a combination of several testing topics and making them specific to asp net microsoft s key technology for creating dynamic data driven sites and applications guides you through the many testing pitfalls you may experience when developing asp net applications reviews the fundamental concepts of testing and walks you through the various tools and techniques available and for successfully testing an application discusses several different types of testing acceptance stress accessibility and security examines various testing tools such as nunit vs test suite wcat selenium fiddler firebug and more this one of a kind resource will help you become proficient in successful application testing

this book is a practical guide to discovering and exploiting security flaws in web applications the authors explain each category of vulnerability using real world examples screen shots and code extracts the book is extremely practical in focus and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking e commerce and other web applications the topics covered include bypassing login mechanisms injecting code exploiting logic flaws and compromising other users because every web application is different attacking them entails bringing to bear various general principles techniques and experience in an imaginative way the most successful hackers go beyond this and find ways to automate their bespoke attacks this handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force often with devastating results the authors are professional penetration testers who have been involved in web application security for nearly a decade they have presented training courses at the black hat security conferences throughout the world under the alias portswigger dafydd developed the popular burp suite of web application hack tools

master s thesis from the year 2011 in the subject computer science it security grade royal holloway university of london course information security language english abstract application have been widely accepted by the organization be it in private public or government sector and form the main part of any e commerce business on the internet however with the widespread of web application the threats related to the web application have also emerged application transmit substantial amount of critical data such as password or credit card information etc and this data should be protected from an attacker there has been huge number of attacks on the web application such as sql injection cross site scripting http response splitting in recent years and it is one of the main concerns in both the software developer and security professional community this projects aims to explore how security can be incorporated by using security pattern in web application and how effective it is in addressing the security problems of web application

get professional insight about application development with this complete guide to creating sophisticated and dynamic applications with php readers will learn how to handle hot topics like xml wddx and e commerce efficiently with php and also read about php s advanced syntax and features

most security books on java focus on cryptography and access control but exclude key aspects such as coding practices logging and web application risk assessment encapsulating security requirements for web development with the java programming platform secure java for application development covers secure programming risk assessment and threat modeling explaining how to integrate these practices into a secure software development life cycle from the risk assessment phase to the proof of concept phase the book details a secure web application development process the authors provide in depth implementation guidance and best practices for access control cryptography logging secure coding and authentication and authorization in web application development discussing the latest application exploits and vulnerabilities they examine various options and protection mechanisms for securing web applications against these multifarious threats the book is organized into four sections provides a clear view of the growing footprint of web applications explores the foundations of secure web application development and the risk management process delves into tactical web application security development with java ee deals extensively with security testing of web applications this complete reference includes a case study of an e commerce company facing web application security

challenges as well as specific techniques for testing the security of web applications highlighting state of the art tools for web application security testing it supplies valuable insight on how to meet important security compliance requirements including pci dss pa dss hipaa and glba the book also includes an appendix that covers the application security guidelines for the payment card industry standards

new concepts and technologies are being introduced continuously for application development in the world wide selecting the right implementation strategies and tools when building a application has become a tedious task requiring in depth knowledge and significant experience from both software developers and software managers the mission of this book is to guide the reader through the opaque jungle of technologies based on their long industrial and academic experience stefan jablonski and his coauthors provide a framework architecture for applications which helps choose the best strategy for a given project the authors classify common technologies and standards like net corba j2ee dcom wsdl and many more with respect to platform architectural layer and application package and guide the reader through a three phase development process consisting of preparation design and technology selection steps the whole approach is exemplified using a real world case the architectural design of an order entry management system

building a web application that attracts and retains regular visitors is tricky enough but creating a social application that encourages visitors to interact with one another requires careful planning this book provides practical solutions to the tough questions you ll face when building an effective community site one that makes visitors feel like they ve found a new home on the if your company is ready to take part in the social web this book will help you get started whether you re creating a new site from scratch or reworking an existing site building social applications helps you choose the tools appropriate for your audience so you can build an infrastructure that will promote interaction and help the community coalesce you ll also learn about business models for various social web applications with examples of member driven customer service driven and contributor driven sites determine who will be drawn to your site why they ll stay and who they ll interact with create visual design that clearly communicates how your site works build the software you need versus plugging in one size fits all off the shelf apps manage the identities of your visitors and determine how to support their interaction monitor demand from the community to guide your choice of new functions

plan the launch of your site and get the message out

bring discipline and power to all your c s projects roger fournier s a methodology for client server and application development shows you how to impose needed discipline on even the most complex and client server development projects fournier s start to finish methodology walks you step by step through every phase survey analysis design construction implementation and beyond master powerful techniques for delivering finished software faster including iterative incremental development prototyping timeboxing and joint facilitated user sessions with extensive examples checklists and worksheets fournier demonstrates how to build an enterprise architecture with true scalability and flexibility leverage object oriented programming techniques to the fullest establish an effective testing process promote reusability with dcom activex tm corba and javabeans tm components implement technology infrastructures that support and c s development discover specific ways to mitigate the risks that lead so many and client server projects to fail learn how to improve communication with users design databases and database access more effectively plan for user training and data conversion and much more there are no silver bullets but this book s systematic best practices approach tips and techniques will help you take charge of your and client server development and deliver business results faster than ever before

this book presents the basic knowledge and illustrative examples to build dynamic and robust web applications using the net framework technology it stresses the use of code behind procedural coding and useful for those interested in web application development and to visual basic programmers

express application development is a practical introduction to learning about express each chapter introduces you to a different area of express using screenshots and examples to get you up and running as quickly as possible if you are looking to use express to build your next web application express application development will help you get started and take you right through to express advanced features you will need to have an intermediate knowledge of javascript to get the most out of this book

the best way to learn anything is by doing the author uses a friendly tone and fun examples to ensure that you learn the basics of application development once you have read this book you should have the necessary skills to build your own applications if you

have no experience but want to learn how to create applications in html5 this book is the only help you ll need using practical examples html5 application development by example will develop your knowledge and confidence in application development

john alexander and bestselling author billy hollis show programmers how to develop enterprise level applications using microsoft s popular programming language visual basic net features the incomparable insights and programming know how of two popular microsoft insiders arming developers with proven tips and workarounds to use in their own projects provides step by step instruction for creating business applications using asp net and vb net companion site contains all the code for the sample application

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