

Test Driven ios Development Graham Lee

Test-Driven iOS Development Learning iOS Development Learning Core Audio The Object-Oriented Thought Process Xcode 4 Unleashed Coding in Style Learning iPhone Programming Case-based Reasoning Research and Development Proceedings of the National Conference on Computing for Nation Development I.R.E. Directory Forthcoming Books Catalogue of Periodicals and Continuations The English Catalogue of Books Published from January, 1835, to January, 1863 The Publishers' Circular and Booksellers' Record The Publisher The Outlook The Annual Register of World Events The Works of Francis Bacon, Baron of Verulam, Viscount St. Alban, and Lord High Chancellor of England: Literary and professional works, v. 1-2. 1890-1892 British Architect and Northern Engineer The Applications of Elliptic Functions Graham Lee Maurice Sharp Chris Adamson Matt Weisfeld Fritz F. Anderson Dragos Ionel Alasdair Allan Institute of Radio Engineers Rose Arny Francis Bacon Sir George Greenhill

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as ios apps become increasingly complex and business critical ios developers must ensure consistently superior code quality this means adopting best practices for creating and testing ios apps test driven development tdd is one of the most powerful of these best practices test driven ios development is the first book 100 focused on helping you successfully implement tdd and unit testing in an ios environment long time ios mac developer graham lee helps you rapidly integrate tdd into your existing processes using apple s xcode 4 and the ocunit unit testing

framework he guides you through constructing an entire objective c ios app in a test driven manner from initial specification to functional product lee also introduces powerful patterns for applying tdd in ios development and previews powerful automated testing capabilities that will soon arrive on the ios platform coverage includes understanding the purpose benefits and costs of unit testing in ios environments mastering the principles of tdd and applying them in areas from app design to refactoring writing usable readable and repeatable ios unit tests using ocunit to set up your xcode project for tdd using domain analysis to identify the classes and interactions your app needs and designing it accordingly considering third party tools for ios unit testing building networking code in a test driven manner automating testing of view controller code that interacts with users designing to interfaces not implementations testing concurrent code that typically runs in the background applying tdd to existing apps preparing for behavior driven development bdd the only ios specific guide to tdd and unit testing test driven ios development covers both essential concepts and practical implementation

this book offers the perfect hands on introduction to ios development covering everything your students need to know about objective c xcode and modern ios user interface development with sample projects and end of chapter exercises this book is ideal for classroom instruction the authors get started fast with objective c covering basic syntax memory management foundation classes development paradigms blocks threads and more next they show how to use xcode and related tools to build projects instrument and efficiently debug code and deploy apps in the next part they turn to interfaces covering design content construction view controllers views animations touch table views and even a taste of core data

the only guide to apple s powerful audio programming framework core audio by two renowned mac audio experts introduces all the essential concepts of mac and iphone audio programming task based coverage explains everything from playing files to digital effects with detailed sample code

the object oriented thought process fourth edition an introduction to object oriented concepts for developers looking to master modern application practices object oriented programming oop is the foundation of modern programming languages including c java c visual basic net ruby and objective c objects also form the basis for many web technologies such as javascript python and php it is of vital importance to learn the fundamental concepts of object orientation before starting to use object oriented development environments oop promotes good design

practices code portability and reuse but it requires a shift in thinking to be fully understood programmers new to oop should resist the temptation to jump directly into a particular programming language such as objective c vb net c c net or java or a modeling language such as uml and instead first take the time to learn what author matt weisfeld calls the object oriented thought process written by a developer for developers who want to make the leap to object oriented technologies the object oriented thought process provides a solutions oriented approach to object oriented programming readers will learn to understand the proper uses of inheritance and composition the difference between aggregation and association and the important distinction between interfaces and implementations while programming technologies have been changing and evolving over the years object oriented concepts remain a constant no matter what the platform this revised edition focuses on interoperability across programming technologies whether you are using objects in traditional application design in xml based data transactions in web page development in mobile apps or in any modern programming environment programmers who aim to create high quality software as all programmers should must learn the varied subtleties of the familiar yet not so familiar beasts called objects and classes doing so entails careful study of books such as matt weisfeld s the object oriented thought process bill mccarty author of java distributed objects and object oriented design in java contents at a glance 1 introduction to object oriented concepts 2 how to think in terms of objects 3 advanced object oriented concepts 4 the anatomy of a class 5 class design guidelines 6 designing with objects 7 mastering inheritance and composition 8 frameworks and reuse designing with interfaces and abstract classes 9 building objects and object oriented design 10 creating object models 11 objects and portable data xml and json 12 persistent objects serialization marshaling and relational databases 13 objects in services mobile apps and hybrids 14 objects and client server applications 15 design patterns

in xcode 4 unleashed renowned mac ios developer fritz anderson shows how to use apple s powerful new xcode 4 integrated development environment to develop outstanding software with the least effort possible anderson demonstrates xcode 4 by walking through the construction of three full applications a command line tool an ios app and a mac os x application these case study projects offer practical insights and realistic best practices for efficiently utilizing xcode 4 in day to day development next he drills down to offer an even deeper understanding of xcode 4 s most powerful capabilities through practical examples he shows experienced apple developers how to move to xcode 4 s browser model from older document based approaches you ll also find thorough up to

the minute coverage of key tasks ranging from builds and profiling to documentation he concludes with a chapter length roundup of tips traps and features for maximizing your productivity with xcode 4 whether you re writing ios apps or mac applications working solo or as part of a large development team detailed information on how to get started fast with xcode 4 project workflow master xcode 4 s new features and development paradigms construct modern ios and mac user interfaces with interface builder implement model view controller designs in ios apps use storyboard to specify an ios app s entire structure in one file leverage xcode s first class unit testing and measurement tools master the essentials of ios provisioning use mac os x bindings to simplify the link between data and screen quickly localize mac and ios software for new languages and markets package and share subprograms that can be integrated into any os x application use the xcode build system to move from source files to executable products fully understand and optimize performance and resource usage register your copy today at informit.com register to download a free 90 page guide to 4 4 4 5 feature changes

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