

Dot Net Tutorial

GETTING THE BOOKS **DOT NET TUTORIAL** NOW IS NOT TYPE OF INSPIRING MEANS. YOU COULD NOT ABANDONED GOING TAKING INTO ACCOUNT BOOKS STORE OR LIBRARY OR BORROWING FROM YOUR CONNECTIONS TO GATE THEM. THIS IS AN AGREED EASY MEANS TO SPECIFICALLY ACQUIRE GUIDE BY ON-LINE. THIS ONLINE NOTICE DOT NET TUTORIAL CAN BE ONE OF THE OPTIONS TO ACCOMPANY YOU SUBSEQUENTLY HAVING NEW TIME.

IT WILL NOT WASTE YOUR TIME. UNDERTAKE ME, THE E-BOOK WILL EXTREMELY TUNE YOU NEW SITUATION TO READ. JUST INVEST LITTLE GET OLDER TO ADMITTANCE THIS ON-LINE BROADCAST **DOT NET TUTORIAL** AS COMPETENTLY AS EVALUATION THEM WHEREVER YOU ARE NOW.

PROFESSIONAL ASP.NET MVC 3 Jon Galloway 2011-07-22 New edition of the top book on MVC from the top ASP.NET experts at Microsoft! MVC 3.0 is the latest update to Microsoft's Model-View-Controller technology, which enables developers to build dynamic, data-driven web sites. This in-depth book shows you step by step how to use MVC 3.0. Written by top ASP.NET MVC experts at Microsoft, the latest edition of this popular book covers new and updated features such as the new View engine, Razor, NuGet, and much more. The book's practical tutorials reinforce concepts and allow you create real-world applications. Topics include controllers and actions, forms and HTML helpers, Ajax, unit testing, and much more. Shows developers and programmers how to use ASP.NET MVC 3.0, Microsoft's new version of its Model-View-Controller technology for developing dynamic, data-driven web sites. Features an expert author team? All are members of Microsoft's ASP.NET team. Uses a step-by-step approach to explain all major features and functionalities and provides practical tutorials to allow you to create real-world applications. Goes into theory as well as practical application and covers such topics as Razor, NuGet (PowerShell inside Visual Studio 2010), and new layout features. Move your development skills to the next level with MVC 3.0 and Professional ASP.NET MVC 3.0.

PROGRAMMING ASP.NET CORE, PROGRAMMING ASP.NET CORE Dino Esposito 2018-05-10 The complete, pragmatic guide to building high-value solutions with ASP.NET Core. Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core framework. Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for every developer who wants to build production solutions, including mobile-specific solutions. Microsoft MVP Dino Esposito shows how to:

- Create new projects and understand their structure
- Set up and use the familiar MVC application model in ASP.NET Core
- Write controller class code to govern all stages of request processing
- Serve HTML from controllers, or directly via Razor pages
- Master the Razor language for quickly defining the layout of HTML views
- Manage cross-cutting concerns such as global configuration data, error and exception handling, controller class design, and dependency injection
- Secure applications with user authentication and ASP.NET Core's policy-based user authorization API
- Design for efficient data access, and choose the right option for reading and writing data
- Build ASP.NET Core web APIs that return JSON, XML, or other data
- Use data binding to programmatically update visual components with fresh information
- Build device-friendly web views for iOS and Android
- Explore the radically new ASP.NET Core runtime environment and dependency injection (DI) infrastructure

MASTERING VISUAL STUDIO .NET Ian Griffiths 2003 A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and other features and tools to create a variety of applications, including web services. Original. (Advanced)

NET PROGRAMMING Pradeep Kumar Tapadiya 2002 Tapadiya takes a straightforward, hands-on approach to explain everything readers need to know from development to deployment and maintenance for this platform--all from a developer's perspective. Using C# as the primary language, and with plenty of code examples throughout, this book

IS AN EXCELLENT WAY TO LEARN.

BEGINNING ASP.NET 4 IMAR SPAANJAARS 2010-07-23 THE DEFINITIVE PROGRAMMING GUIDE TO ASP.NET, BY POPULAR AUTHOR AND MICROSOFT MVP IMAR SPAANJAARS UPDATED FOR ASP.NET 4, THIS INTRODUCTORY BOOK RETAINS ITS HELPFUL EXAMPLES AND STEP-BY-STEP FORMAT FROM THE PREVIOUS VERSION AND KEEPS THE STYLE OF OFFERING CODE EXAMPLES WRITTEN IN BOTH C# AND VISUAL BASIC. BELOVED AUTHOR AND MICROSOFT ASP.NET MVP WALKS YOU THROUGH ASP.NET, MICROSOFT'S TECHNOLOGY FOR BUILDING DYNAMICALLY GENERATED WEB PAGES FROM DATABASE CONTENT. YOU'LL DISCOVER MANY IMPROVEMENTS THAT ASP.NET 4 OFFERS OVER THE PREVIOUS VERSION, SUCH AS THE ASP.NET MVC FRAMEWORK, AJAX IMPROVEMENTS, JQUERY SUPPORT, AND MORE. YOU'LL GRADUALLY BUILD A WEB SITE EXAMPLE THAT TAKES YOU THROUGH THE PROCESSES OF BUILDING BASIC ASP.NET WEB PAGES, ADDING FEATURES WITH PRE-BUILT SERVER CONTROLS, DESIGNING CONSISTENT PAGES, DISPLAYING DATA, AND MORE. POPULAR AUTHOR AND MICROSOFT ASP.NET MVP IMAR SPAANJAARS UPDATES YOU ON THE LATEST UPDATES TO ASP.NET 4, MICROSOFT'S TECHNOLOGY FOR BUILDING DYNAMIC WEB PAGES FROM DATABASE CONTENT SHOWS YOU HOW THE 4 VERSION DIFFERS FROM ASP.NET 3.5 AND REVIEWS ITS NEW FEATURES, INCLUDING THE ASP.NET MVC FRAMEWORK, VARIOUS AJAX IMPROVEMENTS, JQUERY SUPPORT, AND MORE SPAANJAARS'S DISTINCT WRITING STYLE PUTS YOU AT EASE WITH LEARNING ASP.NET 4.

JAVA DESIGN PATTERNS VASKARAN SARCAR 2015-12-31 LEARN HOW TO IMPLEMENT DESIGN PATTERNS IN JAVA: EACH PATTERN IN JAVA DESIGN PATTERNS IS A COMPLETE IMPLEMENTATION AND THE OUTPUT IS GENERATED USING ECLIPSE, MAKING THE CODE ACCESSIBLE TO ALL. THE EXAMPLES ARE CHOSEN SO YOU WILL BE ABLE TO ABSORB THE CORE CONCEPTS EASILY AND QUICKLY. THIS BOOK PRESENTS THE TOPIC OF DESIGN PATTERNS IN JAVA IN SUCH A WAY THAT ANYONE CAN GRASP THE IDEA. BY GIVING EASY TO FOLLOW EXAMPLES, YOU WILL UNDERSTAND THE CONCEPTS WITH INCREASING DEPTH. THE EXAMPLES PRESENTED ARE STRAIGHTFORWARD AND THE TOPIC IS PRESENTED IN A CONCISE MANNER. KEY FEATURES OF THE BOOK: EACH OF THE 23 PATTERNS IS DESCRIBED WITH STRAIGHTFORWARD JAVA CODE. THERE IS NO NEED TO KNOW ADVANCED CONCEPTS OF JAVA TO USE THIS BOOK. EACH OF THE CONCEPTS IS CONNECTED WITH A REAL WORLD EXAMPLE AND A COMPUTER WORLD EXAMPLE. THE BOOK USES ECLIPSE IDE TO GENERATE THE OUTPUT BECAUSE IT IS THE MOST POPULAR IDE IN THIS FIELD. THIS IS A PRACTITIONER'S BOOK ON DESIGN PATTERNS IN JAVA. DESIGN PATTERNS ARE A POPULAR TOPIC IN SOFTWARE DEVELOPMENT. A DESIGN PATTERN IS A COMMON, WELL-DESCRIBED SOLUTION TO A COMMON SOFTWARE PROBLEM. THERE IS A LOT OF WRITTEN MATERIAL AVAILABLE ON DESIGN PATTERNS, BUT SCATTERED AND NOT IN ONE SINGLE REFERENCE SOURCE. ALSO, MANY OF THESE EXAMPLES ARE UNNECESSARILY BIG AND COMPLEX.

ENTITY FRAMEWORK CORE IN ACTION JON SMITH 2018-07-15 SUMMARY ENTITY FRAMEWORK CORE IN ACTION TEACHES YOU HOW TO ACCESS AND UPDATE RELATIONAL DATA FROM .NET APPLICATIONS. FOLLOWING THE CRYSTAL-CLEAR EXPLANATIONS, REAL-WORLD EXAMPLES, AND AROUND 100 DIAGRAMS, YOU'LL DISCOVER TIME-SAVING PATTERNS AND BEST PRACTICES FOR SECURITY, PERFORMANCE TUNING, AND UNIT TESTING. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND EPUB FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY THERE'S A MISMATCH IN THE WAY OO PROGRAMS AND RELATIONAL DATABASES REPRESENT DATA. ENTITY FRAMEWORK IS AN OBJECT-RELATIONAL MAPPER (ORM) THAT BRIDGES THIS GAP, MAKING IT RADICALLY EASIER TO QUERY AND WRITE TO DATABASES FROM A .NET APPLICATION. EF CREATES A DATA MODEL THAT MATCHES THE STRUCTURE OF YOUR OO CODE SO YOU CAN QUERY AND WRITE TO YOUR DATABASE USING STANDARD LINQ COMMANDS. IT WILL EVEN AUTOMATICALLY GENERATE THE MODEL FROM YOUR DATABASE SCHEMA. ABOUT THE BOOK USING CRYSTAL-CLEAR EXPLANATIONS, REAL-WORLD EXAMPLES, AND AROUND 100 DIAGRAMS, ENTITY FRAMEWORK CORE IN ACTION TEACHES YOU HOW TO ACCESS AND UPDATE RELATIONAL DATA FROM .NET APPLICATIONS. YOU'LL START WITH A CLEAR BREAKDOWN OF ENTITY FRAMEWORK, LONG WITH THE MENTAL MODEL BEHIND ORM. THEN YOU'LL DISCOVER TIME-SAVING PATTERNS AND BEST PRACTICES FOR SECURITY, PERFORMANCE TUNING, AND EVEN UNIT TESTING. AS YOU GO, YOU'LL ADDRESS COMMON DATA ACCESS CHALLENGES AND LEARN HOW TO HANDLE THEM WITH ENTITY FRAMEWORK. WHAT'S INSIDE QUERYING A RELATIONAL DATABASE WITH LINQ USING EF CORE IN BUSINESS LOGIC INTEGRATING EF WITH EXISTING C# APPLICATIONS APPLYING DOMAIN-DRIVEN DESIGN TO EF CORE GETTING THE BEST PERFORMANCE OUT OF EF CORE COVERS EF CORE 2.0 AND 2.1 ABOUT THE READER FOR .NET DEVELOPERS WITH SOME AWARENESS OF HOW RELATIONAL DATABASES WORK. ABOUT THE AUTHOR JON P SMITH IS A FULL-STACK DEVELOPER WITH SPECIAL FOCUS ON .NET CORE AND AZURE. TABLE OF CONTENTS PART 1 - GETTING STARTED INTRODUCTION TO ENTITY FRAMEWORK CORE QUERYING THE DATABASE CHANGING THE DATABASE CONTENT USING EF CORE IN BUSINESS LOGIC USING EF CORE IN ASP.NET CORE WEB APPLICATIONS PART 2 - ENTITY FRAMEWORK IN DEPTH CONFIGURING NONRELATIONAL PROPERTIES CONFIGURING RELATIONSHIPS CONFIGURING ADVANCED FEATURES AND HANDLING CONCURRENCY CONFLICTS GOING DEEPER INTO THE DbCONTEXT PART 3 - USING ENTITY FRAMEWORK CORE IN REAL-WORLD APPLICATIONS USEFUL SOFTWARE PATTERNS FOR EF CORE APPLICATIONS HANDLING DATABASE MIGRATIONS EF CORE PERFORMANCE TUNING A WORKED EXAMPLE OF PERFORMANCE TUNING DIFFERENT DATABASE TYPES AND EF CORE SERVICES UNIT TESTING EF CORE APPLICATIONS APPENDIX A - A BRIEF INTRODUCTION TO LINQ APPENDIX B - EARLY INFORMATION ON EF CORE VERSION 2.1

ASP.NET SCOTT MITCHELL 2002 INTRODUCES THE PROGRAMMING FRAMEWORK THAT ENABLES THE DEVELOPMENT OF WEB APPLICATIONS AND SERVICES IN THE MICROSOFT.NET ENVIRONMENT.

FUNDAMENTALS OF COMPUTER PROGRAMMING WITH C# SVETLIN NAKOV 2013-09-01 THE FREE BOOK "FUNDAMENTALS OF COMPUTER PROGRAMMING WITH C#" IS A COMPREHENSIVE COMPUTER PROGRAMMING TUTORIAL THAT TEACHES PROGRAMMING, LOGICAL THINKING, DATA STRUCTURES AND ALGORITHMS, PROBLEM SOLVING AND HIGH QUALITY CODE WITH LOTS OF EXAMPLES IN C#. IT STARTS WITH THE FIRST STEPS IN PROGRAMMING AND SOFTWARE DEVELOPMENT LIKE VARIABLES, DATA TYPES, CONDITIONAL STATEMENTS, LOOPS AND ARRAYS AND CONTINUES WITH OTHER BASIC TOPICS LIKE METHODS, NUMERAL SYSTEMS, STRINGS AND STRING PROCESSING, EXCEPTIONS, CLASSES AND OBJECTS. AFTER THE BASICS THIS FUNDAMENTAL PROGRAMMING BOOK ENTERS INTO MORE ADVANCED PROGRAMMING TOPICS LIKE RECURSION, DATA STRUCTURES (LISTS, TREES, HASH-TABLES AND GRAPHS), HIGH-QUALITY CODE, UNIT TESTING AND REFACTORING, OBJECT-ORIENTED PRINCIPLES (INHERITANCE, ABSTRACTION, ENCAPSULATION AND POLYMORPHISM) AND THEIR IMPLEMENTATION THE C# LANGUAGE. IT ALSO COVERS FUNDAMENTAL TOPICS THAT EACH GOOD DEVELOPER SHOULD KNOW LIKE ALGORITHM DESIGN, COMPLEXITY OF ALGORITHMS AND PROBLEM SOLVING. THE BOOK USES C# LANGUAGE AND VISUAL STUDIO TO ILLUSTRATE THE PROGRAMMING CONCEPTS AND EXPLAINS SOME C# / .NET SPECIFIC TECHNOLOGIES LIKE LAMBDA EXPRESSIONS, EXTENSION METHODS AND LINQ. THE BOOK IS WRITTEN BY A TEAM OF DEVELOPERS LEAD BY SVETLIN NAKOV WHO HAS 20+ YEARS PRACTICAL SOFTWARE DEVELOPMENT EXPERIENCE. IT TEACHES THE MAJOR PROGRAMMING CONCEPTS AND WAY OF THINKING NEEDED TO BECOME A GOOD SOFTWARE ENGINEER AND THE C# LANGUAGE IN THE MEANTIME. IT IS A GREAT START FOR ANYONE WHO WANTS TO BECOME A SKILLFUL SOFTWARE ENGINEER. THE BOOK DOES NOT TEACH TECHNOLOGIES LIKE DATABASES, MOBILE AND WEB DEVELOPMENT, BUT SHOWS THE TRUE WAY TO MASTER THE BASICS OF PROGRAMMING REGARDLESS OF THE LANGUAGES, TECHNOLOGIES AND TOOLS. IT IS GOOD FOR BEGINNERS AND INTERMEDIATE DEVELOPERS WHO WANT TO PUT A SOLID BASE FOR A SUCCESSFUL CAREER IN THE SOFTWARE ENGINEERING INDUSTRY. THE BOOK IS ACCOMPANIED BY FREE VIDEO LESSONS, PRESENTATION SLIDES AND MIND MAPS, AS WELL AS HUNDREDS OF EXERCISES AND LIVE EXAMPLES. DOWNLOAD THE FREE C# PROGRAMMING BOOK, VIDEOS, PRESENTATIONS AND OTHER RESOURCES FROM [HTTP://INTROPROGRAMMING.INFO](http://introprogramming.info). TITLE: FUNDAMENTALS OF COMPUTER PROGRAMMING WITH C# (THE BULGARIAN C# PROGRAMMING BOOK) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) AUTHOR: SVETLIN NAKOV & Co. PAGES: 1132 LANGUAGE: ENGLISH PUBLISHED: SOFIA, 2013 PUBLISHER: FABER PUBLISHING, BULGARIA WEB SITE: [HTTP://WWW.INTROPROGRAMMING.INFO](http://www.introprogramming.info) LICENSE: CC-Attribution-Share-Alike TAGS: FREE, PROGRAMMING, BOOK, COMPUTER PROGRAMMING, PROGRAMMING FUNDAMENTALS, EBOOK, BOOK PROGRAMMING, C#, CSHARP, C# BOOK, TUTORIAL, C# TUTORIAL; PROGRAMMING CONCEPTS, PROGRAMMING FUNDAMENTALS, COMPILER, VISUAL STUDIO, .NET, .NET FRAMEWORK, DATA TYPES, VARIABLES, EXPRESSIONS, STATEMENTS, CONSOLE, CONDITIONAL STATEMENTS, CONTROL-FLOW LOGIC, LOOPS, ARRAYS, NUMERAL SYSTEMS, METHODS, STRINGS, TEXT PROCESSING, STRINGBUILDER, EXCEPTIONS, EXCEPTION HANDLING, STACK TRACE, STREAMS, FILES, TEXT FILES, LINEAR DATA STRUCTURES, LIST, LINKED LIST, STACK, QUEUE, TREE, BALANCED TREE, GRAPH, DEPTH-FIRST SEARCH, DFS, BREADTH-FIRST SEARCH, BFS, DICTIONARIES, HASH TABLES, ASSOCIATIVE ARRAYS, SETS, ALGORITHMS, SORTING ALGORITHM, SEARCHING ALGORITHMS, RECURSION, COMBINATORIAL ALGORITHMS, ALGORITHM COMPLEXITY, OOP, OBJECT-ORIENTED PROGRAMMING, CLASSES, OBJECTS, CONSTRUCTORS, FIELDS, PROPERTIES, STATIC MEMBERS, ABSTRACTION, INTERFACES, ENCAPSULATION, INHERITANCE, VIRTUAL METHODS, POLYMORPHISM, COHESION, COUPLING, ENUMERATIONS, GENERICS, NAMESPACES, UML, DESIGN PATTERNS, EXTENSION METHODS, ANONYMOUS TYPES, LAMBDA EXPRESSIONS, LINQ, CODE QUALITY, HIGH-QUALITY CODE, HIGH-QUALITY CLASSES, HIGH-QUALITY METHODS, CODE FORMATTING, SELF-DOCUMENTING CODE, CODE REFACTORING, PROBLEM SOLVING, PROBLEM SOLVING METHODOLOGY, 9789544007737, 9544007733

ASP.NET CORE 6 AND ANGULAR VALERIO DE SANCTIS 2022-04-06 DESIGN, BUILD AND DEPLOY ROBUST WEB APPLICATIONS USING ASP.NET 6, ANGULAR 13, AND ENTITY FRAMEWORK CORE KEY FEATURES THE MOST UP-TO-DATE BOOK THAT COVERS CUTTING-EDGE FEATURES RELEASED IN ASP.NET CORE 6 AND ANGULAR 13 CREATE A PRODUCTION-READY SINGLE-PAGE APPLICATION (SPA) OR PROGRESSIVE WEB APPLICATION (PWA) ADOPT A FULL-STACK APPROACH TO HANDLE DATA MANAGEMENT, API DOCUMENTATION, WEB APIS, END-TO-END TESTING, SECURITY, AND DEPLOYMENT BOOK DESCRIPTION EVERY FULL-STACK NINJA NEEDS THE TOOLS TO OPERATE ON FRONT-END AND BACK-END APPLICATION DEVELOPMENT. THIS WEB APP DEVELOPMENT BOOK TAKES A HANDS-ON, PROJECT-BASED APPROACH TO PROVIDE YOU WITH ALL THE TOOLS AND TECHNIQUES THAT WEB DEVELOPERS NEED TO CREATE, DEBUG, AND DEPLOY EFFICIENT WEB APPLICATIONS USING ASP.NET CORE AND ANGULAR. THE FIFTH EDITION HAS BEEN UPDATED TO COVER ADVANCED TOPICS SUCH AS MINIMAL APIS, WEB APIS WITH GRAPHQL, REAL-TIME UPDATES WITH SIGNALR, AND NEW FEATURES IN .NET 6 AND ANGULAR 13. YOU BEGIN BY BUILDING A DATA MODEL WITH ENTITY FRAMEWORK CORE, ALONGSIDE UTILIZING THE ENTITY CORE FLUENT API AND ENTITYTYPECONFIGURATION CLASS. YOU'LL LEARN HOW TO FETCH AND DISPLAY DATA AND HANDLE USER INPUT WITH ANGULAR REACTIVE FORMS AND FRONT-END AND BACK-END VALIDATORS FOR MAXIMUM EFFECT. LATER, YOU WILL PERFORM ADVANCED DEBUGGING AND EXPLORE THE UNIT TESTING FEATURES PROVIDED BY XUNIT.NET (.NET 6) AND JASMINE, AS WELL AS KARMA FOR ANGULAR. AFTER ADDING AUTHENTICATION AND AUTHORIZATION TO YOUR APPS, YOU WILL EXPLORE PROGRESSIVE WEB APPLICATIONS, LEARNING ABOUT THEIR TECHNICAL

REQUIREMENTS, TESTING PROCESSES, AND HOW TO CONVERT A STANDARD WEB APPLICATION TO A PWA. BY THE END OF THIS WEB DEVELOPMENT BOOK, YOU WILL UNDERSTAND HOW TO TIE TOGETHER THE FRONT-END AND BACK-END TO BUILD AND DEPLOY SECURE AND ROBUST WEB APPLICATIONS. WHAT YOU WILL LEARN

USE THE NEW VISUAL STUDIO STANDALONE TYPESCRIPT ANGULAR TEMPLATE
IMPLEMENT AND CONSUME A WEB API INTERFACE WITH ASP.NET CORE
SET UP AN SQL DATABASE SERVER USING A LOCAL INSTANCE OR A CLOUD DATASTORE
PERFORM C# AND TYPESCRIPT DEBUGGING USING VISUAL STUDIO 2022
CREATE TDD AND BDD UNIT TESTS USING XUNIT, JASMINE, AND KARMA
PERFORM DBMS STRUCTURED LOGGING USING PROVIDERS SUCH AS SERILOG
DEPLOY WEB APPS TO AZURE APP SERVICE USING IIS, KESTREL, AND NGINX
LEARN TO DEVELOP FAST AND FLEXIBLE WEB APIS USING GRAPHQL
ADD REAL-TIME CAPABILITIES TO ANGULAR APPS WITH ASP.NET CORE SIGNALR
WHO THIS BOOK IS FOR
THIS BOOK IS FOR EXPERIENCED ASP.NET DEVELOPERS WHO ALREADY POSSESS SOME FAMILIARITY WITH ASP.NET CORE AND ANGULAR AND ARE LOOKING TO LEARN HOW TO USE THEM EFFECTIVELY TOGETHER. THE FULLY DOCUMENTED CODE SAMPLES (ALSO AVAILABLE ON GITHUB) AND THE STEP-BY-STEP IMPLEMENTATION TUTORIALS MAKE THIS BOOK EASY TO FOLLOW.

ASP.NET CORE 5 AND ANGULAR VALERIO DE SANCTIS 2021-01-29 BUILD ROBUST MODERN WEB APPLICATIONS USING .NET 5, ENTITY FRAMEWORK CORE, AND ANGULAR 11 KEY FEATURES
UPDATED WITH THE LATEST FEATURES AND ADDITIONS IN ASP.NET CORE 5 AND ANGULAR 11
DESIGN, BUILD, AND DEPLOY A SINGLE PAGE APPLICATION OR PROGRESSIVE WEB APP
ADOPT A FULL STACK APPROACH TO HANDLE DATA MANAGEMENT, WEB APIS, APPLICATION DESIGN, TESTING, SEO, SECURITY, AND DEPLOYMENT
BOOK DESCRIPTION LEARNING FULL-STACK DEVELOPMENT CALLS FOR KNOWLEDGE OF BOTH FRONT-END AND BACK-END WEB DEVELOPMENT. ASP.NET CORE 5 AND ANGULAR, FOURTH EDITION WILL ENHANCE YOUR ABILITY TO CREATE, DEBUG, AND DEPLOY EFFICIENT WEB APPLICATIONS USING ASP.NET CORE AND ANGULAR. THIS REVISED EDITION INCLUDES COVERAGE OF THE ANGULAR ROUTING MODULE, EXPANDED DISCUSSION ON THE ANGULAR CLI, AND DETAILED INSTRUCTIONS FOR DEPLOYING APPS ON AZURE, AS WELL AS BOTH WINDOWS AND LINUX. TAKING CARE TO EXPLAIN AND CHALLENGE DESIGN CHOICES MADE THROUGHOUT THE TEXT, VALERIO TEACHES YOU HOW TO BUILD A DATA MODEL WITH ENTITY FRAMEWORK CORE, ALONGSIDE UTILIZING THE ENTITY CORE FLUENT API AND ENTITY TYPE CONFIGURATION CLASS. YOU'LL LEARN HOW TO FETCH AND DISPLAY DATA AND HANDLE USER INPUT WITH ANGULAR REACTIVE FORMS AND FRONT-END AND BACK-END VALIDATORS FOR MAXIMUM EFFECT. LATER, YOU WILL PERFORM ADVANCED DEBUGGING AND EXPLORE THE UNIT TESTING FEATURES PROVIDED BY XUNIT.NET (.NET 5) AND JASMINE, AS WELL AS KARMA FOR ANGULAR. AFTER ADDING AUTHENTICATION AND AUTHORIZATION TO YOUR APPS, YOU WILL EXPLORE PROGRESSIVE WEB APPLICATIONS (PWAS), LEARNING ABOUT THEIR TECHNICAL REQUIREMENTS, TESTING, AND CONVERTING SWAS TO PWAS. BY THE END OF THIS BOOK, YOU WILL UNDERSTAND HOW TO TIE TOGETHER THE FRONT END AND BACK END TO BUILD AND DEPLOY SECURE AND ROBUST WEB APPLICATIONS. WHAT YOU WILL LEARN
IMPLEMENT A WEB API INTERFACE WITH ASP.NET CORE AND CONSUME IT WITH ANGULAR USING RXJS OBSERVABLES
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PERFORM C# AND TYPESCRIPT DEBUGGING USING VISUAL STUDIO 2019
CREATE TDD AND BDD UNIT TESTS USING XUNIT, JASMINE, AND KARMA
PERFORM DBMS STRUCTURED LOGGING USING THIRD-PARTY PROVIDERS SUCH AS SERILOG
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PROGRAMMING ENTITY FRAMEWORK JULIA LERMAN 2011-11-25 ANNOTATION CODE FIRST IS AN ADDITIONAL MEANS OF BUILDING A MODEL TO BE USED WITH THE ENTITY FRAMEWORK AND IS CREATING A LOT OF EXCITEMENT IN THE .NET DEVELOPMENT COMMUNITY. THE READER WILL BEGIN WITH AN OVERVIEW OF WHAT CODE FIRST IS, WHY IT WAS CREATED, HOW IT FITS INTO THE ENTITY FRAMEWORK AND WHEN TO USE IT OVER THE ALTERNATIVES.

NET APPLICATION DEVELOPMENT HANSPETER M[?] SSEN[?] CK 2004 .NET APPLICATION DEVELOPMENT WITH C#, ADO.NET, ASP.NET AND WEB SERVICES HANSPETER MOSSENBOCK WOLFGANG BEER DIETRICH BIRNGRUBER ALBRECHT W[?] MICROSOFT'S .NET ARCHITECTURE HAS BROUGHT A QUIET REVOLUTION TO THE DEVELOPMENT OF MODERN APPLICATIONS, PARTICULARLY IN THE AREAS OF INTERNET PROGRAMMING AND WEB SERVICES. THIS BOOK PROVIDES A TECHNICAL INTRODUCTION TO THE FULL SPECTRUM OF .NET TECHNOLOGIES, INCLUDING - A COMPREHENSIVE TUTORIAL ON THE C# PROGRAMMING LANGUAGE - AN INTRODUCTION TO THE COMMON LANGUAGE RUNTIME (CLR), ALLOWING PROGRAMMERS TO MIX AND MATCH DIFFERENT LANGUAGES - AN OVERVIEW OF THE .NET CLASS LIBRARY, CONTAINING OVER 2,000 USEFUL CLASSES AND INTERFACES TO REUSE IN YOUR APPLICATIONS - A GUIDE TO DATABASE PROGRAMMING WITH ADO.NET - A DESCRIPTION OF ASP.NET FOR BUILDING DYNAMIC WEB PAGES - EXAMPLES OF WEB SERVICES WHICH ALLOW APPLICATIONS TO COOPERATE ACROSS THE INTERNET USING SOAP AND HTTP PROTOCOLS. - A CONCISE DESCRIPTION OF THE MOST IMPORTANT TOOLS UNDER .NET - A PREVIEW OF THE NEW FEATURES OF .NET 2.0, THE NEXT RELEASE OF THE .NET FRAMEWORK. PROGRAMMERS WHO WISH TO GAIN AN UNDERSTANDING OF HOW TO USE .NET TOOLS IN NOVEL APPLICATIONS WILL BENEFIT FROM THE HANDS-ON GUIDANCE IN THIS BOOK. STUDENTS WILL FIND IT TO BE AN IDEAL TEXT FOR

COURSES ON C#, WEB PROGRAMMING OR COMPONENT TECHNOLOGY. MORE THAN 100 EXERCISES AT THE END OF EVERY CHAPTER MAKE THE BOOK IDEALLY SUITED FOR SELF-STUDY. SAMPLE SOLUTIONS TO THE EXERCISES AS WELL AS TUTORIAL MATERIAL, SOFTWARE AND LINKS CAN BE FOUND ON [HTTP://DOTNET.JKU.AT](http://dotnet.jku.at). THE COMPANION CD-ROM CONTAINS A WEALTH OF USEFUL TOOLS INCLUDING - VERSION 1.1 OF THE .NET SOFTWARE DEVELOPMENT KIT - THE OPEN SOURCE SHARPDVELOP ENVIRONMENT FOR C# AND VB.NET - MICROSOFT ASP.NET WEB MATRIX, AN IDE FOR RAPID APPLICATION DEVELOPMENT UNDER .NET - WEBSERVICE STUDIO, A TOOL FOR TESTING WEB SERVICES - THE COCO/R OPEN SOURCE COMPILER GENERATOR FOR C# INCLUDING A C# GRAMMAR FROM WHICH CUSTOMIZED SCANNERS AND PARSERS FOR C# CAN BE PRODUCED. THE AUTHORS ARE IN THE INSTITUTE FOR PRACTICAL COMPUTER SCIENCE AT THE UNIVERSITY OF LINZ IN AUSTRIA, AND HAVE BASED THE BOOK ON COURSES AND TUTORIALS GIVEN TO BOTH STUDENTS AND PROFESSIONAL PROGRAMMERS.

Pro ASP.NET Core 3 ADAM FREEMAN 2020-06-06 NOW IN ITS 8TH EDITION, PRO ASP.NET CORE HAS BEEN THOROUGHLY UPDATED FOR ASP.NET CORE 3 AND ONLINE FOR ASP.NET CORE 5 AND .NET 5.0. THIS COMPREHENSIVE, FULL-COLOR GUIDE IS THE ONLY BOOK YOU NEED TO LEARN ASP.NET CORE DEVELOPMENT. PROFESSIONAL DEVELOPERS GET READY TO PRODUCE LEANER APPLICATIONS FOR THE ASP.NET CORE PLATFORM. THIS EDITION PUTS ASP.NET CORE 3 INTO CONTEXT, AND TAKES A DEEP DIVE INTO THE TOOLS AND TECHNIQUES REQUIRED TO BUILD MODERN, EXTENSIBLE WEB APPLICATIONS. NEW FEATURES AND CAPABILITIES SUCH AS MVC 3, RAZOR PAGES, BLAZOR SERVER, AND BLAZOR WEBASSEMBLY ARE COVERED, ALONG WITH DEMONSTRATIONS OF HOW THEY CAN BE APPLIED IN PRACTICE. FOLLOWING THE SAME POPULAR FORMAT AND STYLE FOUND IN PREVIOUS EDITIONS, AUTHOR ADAM FREEMAN EXPLAINS HOW TO GET THE MOST OUT OF ASP.NET CORE 3. STARTING WITH THE NUTS-AND-BOLTS TOPICS, HE TEACHES READERS ABOUT MIDDLEWARE COMPONENTS, BUILT-IN SERVICES, REQUEST MODEL BINDING, AND MORE. MOVING ALONG, HE INTRODUCES INCREASINGLY MORE COMPLEX TOPICS AND ADVANCED FEATURES, INCLUDING ENDPOINT ROUTING AND DEPENDENCY INJECTION. WRITTEN FOR PROFESSIONALS WANTING TO INCORPORATE THE LATEST FUNCTIONALITY OF ASP.NET CORE 3 INTO THEIR PROJECTS, THIS BOOK ALSO SERVES AS A COMPLETE REFERENCE ON ASP.NET CORE. BEGINNERS WITH SOME BACKGROUND IN MICROSOFT WEB DEVELOPMENT WILL ALSO GREATLY BENEFIT FROM THE IN-DEPTH COVERAGE PROVIDED THROUGHOUT. WHAT YOU WILL LEARN: BUILD A SOLID FOUNDATION AND SKILL SET FOR WORKING WITH THE ENTIRE ASP.NET CORE PLATFORM APPLY ASP.NET CORE 3 AND ASP.NET CORE 5 FEATURES IN YOUR DEVELOPER ENVIRONMENT; PLENTIFUL REUSABLE TEMPLATES SEE HOW TO CREATE RESTFUL WEB SERVICES, WEB APPLICATIONS, AND CLIENT-SIDE APPLICATIONS LEVERAGE EXISTING KNOWLEDGE TO EFFICIENTLY GET UP AND RUNNING WITH NEW PROGRAMMING MODELS ADAM FREEMAN IS AN EXPERIENCED IT PROFESSIONAL WHO HAS HELD SENIOR POSITIONS IN A RANGE OF COMPANIES, MOST RECENTLY SERVING AS CHIEF TECHNOLOGY OFFICER AND CHIEF OPERATING OFFICER OF A GLOBAL BANK. NOW RETIRED, HE SPENDS HIS TIME WRITING AND LONG-DISTANCE RUNNING. "THE ROLLS-ROYCE OF ASP.NET BOOKS, (OR IF YOU'RE AMERICAN, THE CADILLAC). VERY THOROUGH!" LES JACKSON, MCSD, DOTNET PLAYBOOK "THE AUTHOR'S INSTRUCTION IS DIRECT, EASY TO UNDERSTAND AND SUPPLEMENTED WITH CLEAR CODE EXAMPLES... WHETHER YOU ARE A BEGINNER LEARNING ASP.NET CORE 3.1 APP DEVELOPMENT, OR AN EXPERIENCED PROFESSIONAL READY TO MASTER ADVANCED CONCEPTS, I CONSIDER THIS BOOK A 'MUST HAVE' FOR YOU!" JEREMY LIKNESS, SENIOR PROGRAM MANAGER, MICROSOFT "...THE BEST SINGLE RESOURCE FOR TEACHING MVC WEB APPS USING ASP.NET." CHARLES CARTER, MSCS, MSWE, JD, CLOUD APPLICATION DEVELOPMENT INSTRUCTOR, MICROSOFT SOFTWARE AND SYSTEMS ACADEMY

Software Design Patterns SUFYAN BIN UZAYR 2022-12-21 SOFTWARE DESIGN PATTERNS ARE REUSABLE SOLUTIONS TO SOFTWARE DEVELOPMENT DIFFICULTIES. HOWEVER, A SOFTWARE DESIGN PATTERN IS NOT CODE; RATHER, IT IS A GUIDE OR PARADIGM THAT HELPS SOFTWARE ENGINEERS TO CONSTRUCT PRODUCTS THAT FOLLOW BEST PRACTICES. A DESIGN PATTERN IS MORE OF A TEMPLATE TO TACKLE THE TOPIC AT HAND THAN A LIBRARY OR FRAMEWORK, WHICH CAN BE ADDED AND UTILIZED RIGHT AWAY. OBJECT-ORIENTED PROGRAMMING (OOP) IS SUPPORTED BY DESIGN PATTERNS, WHICH ARE BASED ON THE IDEAS OF OBJECTS (INSTANCES OF A CLASS; DATA WITH UNIQUE ATTRIBUTES) AND CLASSES (USER-DEFINED TYPES OF DATA). DESIGN PATTERNS ARE BLUEPRINTS FOR RESOLVING TYPICAL SOFTWARE ENGINEERING ISSUES. THEY PROVIDE REPRODUCIBLE SOLUTIONS TO SOME OF THE MOST PREVALENT DIFFICULTIES YOU'LL ENCOUNTER. THAT SAID, DESIGN PATTERNS AREN'T A COMPLETE SOLUTION, NOR ARE THEY CODE, CLASSES, OR LIBRARIES THAT YOU MAY USE IN YOUR PROJECT. THEY ARE A TYPE OF PROBLEM-SOLVING SOLUTION. EACH JOB WILL BE APPROACHED IN A SLIGHTLY DIFFERENT WAY. WHY SHOULD YOU LEARN SOFTWARE DESIGN PATTERNS? AS A PROGRAMMER, YOU CAN USE SOFTWARE DESIGN PATTERNS TO HELP YOU BUILD MORE RELIABLE STRUCTURES. DESIGN PATTERNS GIVE YOU THE SKILLS TO CREATE SMART AND INTERACTIVE APPLICATIONS OR SOFTWARE WITH SIMPLE AND EASY PROBLEM-SOLVING METHODS; THEY ALSO ALLOW YOU TO CREATE THE GREATEST USER-FRIENDLY APPS AND CHANGE THEM EASILY TO MEET THE LATEST REQUIREMENTS. DESIGN PATTERNS ARE INTERESTING TO DEAL WITH SINCE SUCH KNOWLEDGE ENABLES FLEXIBLE CODING PATTERNS AND STRUCTURAL TECHNIQUES, REUSABLE CODES, LOOSELY WRITTEN CODES, CLASSES, PATTERNS, AND SO ON. THIS BOOK CONTAINS: • A STEP-BY-STEP APPROACH TO PROBLEM SOLVING AND SKILL DEVELOPMENT • A QUICK RUN-THROUGH OF THE BASIC CONCEPTS, IN THE FORM OF A "CRASH COURSE" • ADVANCED, HANDS-ON CORE CONCEPTS, WITH A FOCUS ON REAL-WORLD PROBLEMS • INDUSTRY LEVEL CODING PARADIGM WITH PRACTICE-ORIENTED EXPLANATIONS • SPECIAL EMPHASIS ON WRITING CLEAN AND OPTIMIZED CODE, WITH ADDITIONAL CHAPTERS FOCUSED ON CODING METHODOLOGY

ADO EXAMPLES AND BEST PRACTICES WILLIAM R. VAUGHN 2000-05-01 VISUAL BASIC DATABASE DEVELOPERS ARE FACED WITH A DIZZYING CORNUCOPIA OF CHOICES WHEN IT COMES TO DATA ACCESS PARADIGMS. THE PURPOSE OF THIS BOOK IS TO MAKE THE CHOICE AND IMPLEMENTATION OF THE BEST OF THOSE TECHNOLOGIES FAR EASIER. IT DOES THIS THROUGH WORKING EXAMPLES AND NUMEROUS DISCUSSIONS OF WHAT WORKS AND WHAT DOES NOT. VAUGHN'S "BEST PRACTICES" ARE THE TECHNIQUES THAT DEVELOPERS NEED TO KNOW BECAUSE THEY CAUSE THE LEAST AMOUNT OF OVERHEAD, PROBLEMS AND CONFUSION. WHILE SOME ARE QUITE SIMPLE TO IMPLEMENT, OTHER "BEST PRACTICES" REQUIRE CONSIDERABLE THOUGHT AND PLANNING. THIS IS A DEVELOPERS BOOKFULL OF HINTS, TIPS, AND NOTES PASSED ON FROM THOSE WHO SHOW THE MEDALS AND SCARS OF BATTLES WON AND LOST.

ASP.NET CORE 5 FOR BEGINNERS ANDREAS HELLAND 2020-12-18 LEARN HOW TO BUILD WEB APPLICATIONS EFFICIENTLY USING ASP.NET CORE 5 WITH THE C# PROGRAMMING LANGUAGE AND RELATED FRAMEWORKS KEY FEATURES BUILD WEB APPS AND SERVICES AND CROSS-PLATFORM APPLICATIONS USING .NET AND C# UNDERSTAND DIFFERENT WEB PROGRAMMING CONCEPTS WITH THE HELP OF REAL-WORLD EXAMPLES EXPLORE THE NEW FEATURES AND APIS IN ASP.NET CORE 5, EF CORE, VISUAL STUDIO, AND BLAZOR BOOK DESCRIPTION ASP.NET CORE 5 FOR BEGINNERS IS A COMPREHENSIVE INTRODUCTION FOR THOSE WHO ARE NEW TO THE FRAMEWORK. THIS CONDENSED GUIDE TAKES A PRACTICAL AND ENGAGING APPROACH TO COVER EVERYTHING THAT YOU NEED TO KNOW TO START USING ASP.NET CORE FOR BUILDING CLOUD-READY, MODERN WEB APPLICATIONS. THE BOOK STARTS WITH A BRIEF INTRODUCTION TO THE ASP.NET CORE FRAMEWORK AND HIGHLIGHTS THE NEW FEATURES IN ITS LATEST RELEASE, ASP.NET CORE 5. IT THEN COVERS THE IMPROVEMENTS IN CROSS-PLATFORM SUPPORT, THE VIEW ENGINES THAT WILL HELP YOU TO UNDERSTAND WEB DEVELOPMENT, AND THE NEW FRONTEND TECHNOLOGIES AVAILABLE WITH BLAZOR FOR BUILDING INTERACTIVE WEB UIs. AS YOU ADVANCE, YOU'LL LEARN THE FUNDAMENTALS OF THE DIFFERENT FRAMEWORKS AND CAPABILITIES THAT SHIP WITH ASP.NET CORE. YOU'LL ALSO GET TO GRIPS WITH SECURING WEB APPS WITH IDENTITY IMPLEMENTATION, UNIT TESTING, AND THE LATEST IN CONTAINERS AND CLOUD-NATIVE TO DEPLOY THEM TO AWS AND MICROSOFT AZURE. THROUGHOUT THE BOOK, YOU'LL FIND CLEAR AND CONCISE CODE SAMPLES THAT ILLUSTRATE EACH CONCEPT ALONG WITH THE STRATEGIES AND TECHNIQUES THAT WILL HELP TO DEVELOP SCALABLE AND ROBUST WEB APPS. BY THE END OF THIS BOOK, YOU'LL HAVE LEARNED HOW TO LEVERAGE ASP.NET CORE 5 TO BUILD AND DEPLOY DYNAMIC WEBSITES AND SERVICES IN A VARIETY OF REAL-WORLD SCENARIOS. WHAT YOU WILL LEARN EXPLORE THE NEW FEATURES AND APIS INTRODUCED IN ASP.NET CORE 5 AND BLAZOR PUT BASIC ASP.NET CORE 5 CONCEPTS INTO PRACTICE WITH THE HELP OF CLEAR AND SIMPLE SAMPLES WORK WITH ENTITY FRAMEWORK CORE AND ITS DIFFERENT WORKFLOWS TO IMPLEMENT YOUR APPLICATION'S DATA ACCESS DISCOVER THE DIFFERENT WEB FRAMEWORKS THAT ASP.NET CORE 5 OFFERS FOR BUILDING WEB APPS GET TO GRIPS WITH THE BASICS OF BUILDING RESTFUL WEB APIS TO WORK WITH REAL DATA DEPLOY YOUR WEB APPS IN AWS, AZURE, AND DOCKER CONTAINERS WORK WITH SIGNALR TO ADD REAL-TIME NOTIFICATIONS TO YOUR APP WHO THIS BOOK IS FOR THIS BOOK IS FOR DEVELOPERS WHO WANT TO LEARN HOW TO DEVELOP WEB-BASED APPLICATIONS USING THE ASP.NET CORE FRAMEWORK. FAMILIARITY WITH THE C# LANGUAGE AND A BASIC UNDERSTANDING OF HTML AND CSS IS REQUIRED TO GET THE MOST OUT OF THIS BOOK.

ASP.NET CORE APPLICATION DEVELOPMENT JAMES CHAMBERS 2016-11-29 THIS IS THE eBook OF THE PRINTED BOOK AND MAY NOT INCLUDE ANY MEDIA, WEBSITE ACCESS CODES, OR PRINT SUPPLEMENTS THAT MAY COME PACKAGED WITH THE BOUND BOOK. THROUGH FOUR COMPLETE SPRINTS, THIS BOOK TAKES YOU THROUGH EVERY STEP NEEDED TO BUILD BRAND NEW CROSS-PLATFORM WEB APPS WITH ASP.NET CORE, AND MAKE THEM AVAILABLE ON THE INTERNET. YOU WON'T JUST MASTER MICROSOFT'S REVOLUTIONARY OPEN SOURCE ASP.NET CORE TECHNOLOGY: YOU'LL LEARN HOW TO INTEGRATE THE IMMENSE POWER OF MVC, DOCKER, AZURE WEB APPS, VISUAL STUDIO AND VISUAL STUDIO CODE, C#, JAVASCRIPT, TYPESCRIPT, AND ENTITY FRAMEWORK. WORKING THROUGH THE AUTHORS' CAREFULLY DESIGNED SPRINTS, YOU'LL START WITH A BLANK CANVAS, MOVE THROUGH SOFTWARE ARCHITECTURE AND DESIGN, ADJUSTING TO USER FEEDBACK, RECOVERING FROM MISTAKES, BUILDS, TESTING, DEPLOYMENT, MAINTENANCE, REFACTORING, AND MORE. ALONG THE WAY, YOU'LL LEARN TECHNIQUES FOR DELIVERING STATE-OF-THE-ART SOFTWARE TO USERS MORE RAPIDLY AND REPEATABLY THAN EVER BEFORE.

ASP.NET CORE 5 AND REACT CARL RIPPON 2021-01-08 BUILD FULLY FUNCTIONAL, CLOUD-READY, AND PROFESSIONAL WEB APPLICATIONS USING THE LATEST FEATURES IN THE .NET 5 FRAMEWORK AND REACTJS WITH MICROSOFT AZURE KEY FEATURES EXPLORE THE NEW FEATURES OF .NET 5 WITH THIS UPDATED EDITION OF ASP.NET CORE 5 AND REACT DISCOVER STRATEGIES FOR ADOPTING A FULL-STACK DEVELOPMENT APPROACH, CLEAN ARCHITECTURE TECHNIQUES, AND DEVELOPMENT BEST PRACTICES LEARN HOW TO MANAGE DATA, DESIGN AND PACKAGE APPLICATIONS, AND SECURE YOUR WEB APPS BOOK DESCRIPTION MICROSOFT'S .NET FRAMEWORK IS A ROBUST SERVER-SIDE FRAMEWORK, NOW EVEN MORE POWERFUL THANKS TO THE RECENT UNIFICATION OF THE MICROSOFT ECOSYSTEM WITH THE .NET 5 FRAMEWORK. THIS UPDATED SECOND EDITION ADDRESSES THESE CHANGES IN THE .NET FRAMEWORK AND THE LATEST RELEASE OF REACT. THE BOOK STARTS BY TAKING YOU THROUGH REACT AND TYPESCRIPT COMPONENTS FOR BUILDING AN INTUITIVE SINGLE-PAGE APPLICATION AND THEN SHOWS YOU HOW TO DESIGN SCALABLE REST APIS THAT CAN INTEGRATE WITH A REACT-BASED FRONTEND. NEXT, YOU'LL GET TO GRIPS WITH THE LATEST FEATURES, POPULAR PATTERNS, AND TOOLS AVAILABLE IN THE REACT ECOSYSTEM, INCLUDING FUNCTION-BASED COMPONENTS, REACT ROUTER,

AND REDUX. AS YOU PROGRESS THROUGH THE CHAPTERS, YOU'LL LEARN HOW TO USE REACT WITH TYPESCRIPT TO MAKE THE FRONTEND ROBUST AND MAINTAINABLE AND COVER KEY ASP.NET 5 FEATURES SUCH AS API CONTROLLERS, ATTRIBUTE ROUTING, AND MODEL BINDING TO BUILD A STURDY BACKEND. IN ADDITION TO THIS, YOU'LL EXPLORE API SECURITY WITH ASP.NET 5 IDENTITY AND AUTHORIZATION POLICIES AND WRITE RELIABLE UNIT TESTS USING BOTH .NET AND REACT, BEFORE DEPLOYING YOUR APP ON AZURE. BY THE END OF THIS BOOK, YOU'LL HAVE GAINED THE KNOWLEDGE YOU NEED TO ENHANCE YOUR C# AND JAVASCRIPT SKILLS AND BUILD FULL-STACK, PRODUCTION-READY APPLICATIONS WITH ASP.NET 5 AND REACT. WHAT YOU WILL LEARN BUILD RESTFUL APIS WITH .NET 5 USING API CONTROLLERS SECURE REST APIS WITH IDENTITY AND AUTHORIZATION POLICIES CREATE STRONGLY TYPED, INTERACTIVE, AND FUNCTION-BASED REACT COMPONENTS USING HOOKS UNDERSTAND HOW TO STYLE REACT COMPONENTS USING EMOTIONJS PERFORM CLIENT-SIDE STATE MANAGEMENT WITH REDUX RUN A RANGE OF AUTOMATED TESTS ON THE FRONTEND AND BACKEND IMPLEMENT CONTINUOUS INTEGRATION AND CONTINUOUS DELIVERY (CI/CD) PROCESSES IN AZURE USING AZURE DEVOPS WHO THIS BOOK IS FOR IF YOU'RE A WEB DEVELOPER LOOKING TO GET UP TO SPEED WITH FULL-STACK WEB APPLICATION DEVELOPMENT WITH .NET CORE AND REACT, THIS BOOK IS FOR YOU. ALTHOUGH THE BOOK DOES NOT ASSUME ANY KNOWLEDGE OF REACT, A BASIC UNDERSTANDING OF .NET CORE WILL HELP YOU TO GET TO GRIPS WITH THE CONCEPTS COVERED.

C# 9 AND .NET 5 - MODERN CROSS-PLATFORM DEVELOPMENT MARK J. PRICE 2020-11-10 PUBLISHER'S NOTE: MICROSOFT WILL STOP SUPPORTING .NET 5 IN EARLY MAY 2022. A NEW EDITION OF THIS BOOK IS AVAILABLE THAT USES .NET 6 (AN LTS RELEASE WITH SUPPORT UP UNTIL NOVEMBER 2024), C# 10, AND VISUAL STUDIO 2022, AS WELL AS VISUAL STUDIO CODE. KEY FEATURES • EXPLORE THE NEWEST ADDITIONS TO C# 9, THE .NET 5 CLASS LIBRARY, ENTITY FRAMEWORK CORE AND BLAZOR • STRENGTHEN YOUR COMMAND OF ASP.NET CORE 5.0 AND CREATE PROFESSIONAL WEBSITES AND SERVICES • BUILD CROSS-PLATFORM APPS FOR WINDOWS, macOS, LINUX, iOS, AND ANDROID BOOK DESCRIPTION IN C# 9 AND .NET 5 - MODERN CROSS-PLATFORM DEVELOPMENT, FIFTH EDITION, EXPERT TEACHER MARK J. PRICE GIVES YOU EVERYTHING YOU NEED TO START PROGRAMMING C# APPLICATIONS. THIS LATEST EDITION USES THE POPULAR VISUAL STUDIO CODE EDITOR TO WORK ACROSS ALL MAJOR OPERATING SYSTEMS. IT IS FULLY UPDATED AND EXPANDED WITH A NEW CHAPTER ON THE MICROSOFT BLAZOR FRAMEWORK. THE BOOK'S FIRST PART TEACHES THE FUNDAMENTALS OF C#, INCLUDING OBJECT-ORIENTED PROGRAMMING AND NEW C# 9 FEATURES SUCH AS TOP-LEVEL PROGRAMS, TARGET-TYPED NEW OBJECT INSTANTIATION, AND IMMUTABLE TYPES USING THE RECORD KEYWORD. PART 2 COVERS THE .NET APIs, FOR PERFORMING TASKS LIKE MANAGING AND QUERYING DATA, MONITORING AND IMPROVING PERFORMANCE, AND WORKING WITH THE FILE SYSTEM, ASYNC STREAMS, SERIALIZATION, AND ENCRYPTION. PART 3 PROVIDES EXAMPLES OF CROSS-PLATFORM APPS YOU CAN BUILD AND DEPLOY, SUCH AS WEBSITES AND SERVICES USING ASP.NET CORE OR MOBILE APPS USING XAMARIN.FORMS. THE BEST TYPE OF APPLICATION FOR LEARNING THE C# LANGUAGE CONSTRUCTS AND MANY OF THE .NET LIBRARIES IS ONE THAT DOES NOT DISTRACT WITH UNNECESSARY APPLICATION CODE. FOR THAT REASON, THE C# AND .NET TOPICS COVERED IN CHAPTERS 1 TO 13 FEATURE CONSOLE APPLICATIONS. IN CHAPTERS 14 TO 20, HAVING MASTERED THE BASICS OF THE LANGUAGE AND LIBRARIES, YOU WILL BUILD PRACTICAL APPLICATIONS USING ASP.NET CORE, MODEL-VIEW-CONTROLLER (MVC), AND BLAZOR. BY THE END OF THE BOOK, YOU WILL HAVE ACQUIRED THE UNDERSTANDING AND SKILLS YOU NEED TO USE C# 9 AND .NET 5 TO CREATE WEBSITES, SERVICES, AND MOBILE APPS. WHAT YOU WILL LEARN • BUILD YOUR OWN TYPES WITH OBJECT-ORIENTED PROGRAMMING • QUERY AND MANIPULATE DATA USING LINQ • BUILD WEBSITES AND SERVICES USING ASP.NET CORE 5 • CREATE INTELLIGENT APPS USING MACHINE LEARNING • USE ENTITY FRAMEWORK CORE AND WORK WITH RELATIONAL DATABASES • DISCOVER WINDOWS APP DEVELOPMENT USING THE UNIVERSAL WINDOWS PLATFORM AND XAML • BUILD RICH WEB EXPERIENCES USING THE BLAZOR FRAMEWORK • BUILD MOBILE APPLICATIONS FOR iOS AND ANDROID USING XAMARIN.FORMS WHO THIS BOOK IS FOR THIS BOOK IS BEST FOR C# AND .NET BEGINNERS, OR PROGRAMMERS WHO HAVE WORKED WITH C# IN THE PAST BUT FEEL LEFT BEHIND BY THE CHANGES IN THE PAST FEW YEARS. THIS BOOK DOESN'T EXPECT YOU TO HAVE ANY C# OR .NET EXPERIENCE; HOWEVER, YOU SHOULD HAVE A GENERAL UNDERSTANDING OF PROGRAMMING. STUDENTS AND PROFESSIONALS WITH A SCIENCE, TECHNOLOGY, ENGINEERING, OR MATHEMATICS (STEM) BACKGROUND CAN CERTAINLY BENEFIT FROM THIS BOOK. TABLE OF CONTENTS • HELLO, C#! WELCOME, .NET CORE! • SPEAKING C# • CONTROLLING FLOW AND CONVERTING TYPES • WRITING, DEBUGGING, AND TESTING FUNCTIONS • BUILDING YOUR OWN TYPES WITH OBJECT-ORIENTED PROGRAMMING • IMPLEMENTING INTERFACES AND INHERITING CLASSES • UNDERSTANDING AND PACKAGING .NET TYPES • WORKING WITH COMMON .NET TYPES • WORKING WITH FILES, STREAMS, AND SERIALIZATION (N.B. PLEASE USE THE LOOK INSIDE OPTION TO SEE FURTHER CHAPTERS) REVIEW "MARK PRICE'S EXTRAORDINARY BOOK COVERS EVERY ASPECT OF C# 9 AND .NET 5. IT IS FILLED WITH STEP-BY-STEP DEMONSTRATIONS AND WILL BE OF TREMENDOUS VALUE BOTH TO THOSE WHO WANT TO LEARN C# AND TO MORE EXPERIENCED C# PROGRAMMERS MAKING THE TRANSITION TO C# 9. HIGHLY RECOMMENDED!" -- JESSE LIBERTY - AUTHOR OF PROGRAMMING C# AND LEARNING C# (O'REILLY MEDIA)

PRO C# 7 ANDREW TROELSEN 2017-11-21 THIS ESSENTIAL CLASSIC TITLE PROVIDES A COMPREHENSIVE FOUNDATION IN THE C# PROGRAMMING LANGUAGE AND THE FRAMEWORKS IT LIVES IN. NOW IN ITS 8TH EDITION, YOU'LL FIND ALL THE VERY LATEST C# 7.1 AND .NET 4.7 FEATURES HERE, ALONG WITH FOUR BRAND NEW CHAPTERS ON MICROSOFT'S LIGHTWEIGHT, CROSS-PLATFORM

FRAMEWORK, .NET CORE, UP TO AND INCLUDING .NET CORE 2.0. COVERAGE OF ASP.NET CORE, ENTITY FRAMEWORK (EF) CORE, AND MORE, SITS ALONGSIDE THE LATEST UPDATES TO .NET, INCLUDING WINDOWS PRESENTATION FOUNDATION (WPF), WINDOWS COMMUNICATION FOUNDATION (WCF), AND ASP.NET MVC. DIVE IN AND DISCOVER WHY PRO C# HAS BEEN A FAVORITE OF C# DEVELOPERS WORLDWIDE FOR OVER 15 YEARS. GAIN A SOLID FOUNDATION IN OBJECT-ORIENTED DEVELOPMENT TECHNIQUES, ATTRIBUTES AND REFLECTION, GENERICS AND COLLECTIONS AS WELL AS NUMEROUS ADVANCED TOPICS NOT FOUND IN OTHER TEXTS (SUCH AS CIL OPCODES AND EMITTING DYNAMIC ASSEMBLIES). WITH THE HELP OF THIS BOOK YOU'LL HAVE THE CONFIDENCE TO PUT C# INTO PRACTICE AND EXPLORE THE .NET UNIVERSE ON YOUR OWN TERMS. WHAT YOU WILL LEARN DISCOVER THE LATEST C# 7.1 FEATURES, FROM TUPLES TO PATTERN MATCHING HIT THE GROUND RUNNING WITH MICROSOFT'S LIGHTWEIGHT, OPEN SOURCE .NET CORE PLATFORM, INCLUDING ASP.NET CORE MVC, ASP.NET CORE WEB SERVICES, AND ENTITY FRAMEWORK CORE FIND COMPLETE COVERAGE OF XAML, .NET 4.7, AND VISUAL STUDIO 2017 UNDERSTAND THE PHILOSOPHY BEHIND .NET AND THE NEW, CROSS-PLATFORM ALTERNATIVE, .NET CORE

PRO ASP.NET CORE MVC 2 ADAM FREEMAN 2017-10-24 NOW IN ITS 7TH EDITION, THE BEST SELLING BOOK ON MVC IS UPDATED FOR ASP.NET CORE MVC 2. IT CONTAINS DETAILED EXPLANATIONS OF THE CORE MVC FUNCTIONALITY WHICH ENABLES DEVELOPERS TO PRODUCE LEANER, CLOUD OPTIMIZED AND MOBILE-READY APPLICATIONS FOR THE .NET PLATFORM. THIS BOOK PUTS ASP.NET CORE MVC INTO CONTEXT AND DIVES DEEP INTO THE TOOLS AND TECHNIQUES REQUIRED TO BUILD MODERN, CLOUD OPTIMIZED EXTENSIBLE WEB APPLICATIONS. ALL THE NEW MVC FEATURES ARE DESCRIBED IN DETAIL AND THE AUTHOR EXPLAINS HOW BEST TO APPLY THEM TO BOTH NEW AND EXISTING PROJECTS. THE ASP.NET CORE MVC FRAMEWORK IS THE LATEST EVOLUTION OF MICROSOFT'S ASP.NET WEB PLATFORM, BUILT ON A COMPLETELY NEW FOUNDATION. IT REPRESENTS A FUNDAMENTAL CHANGE TO HOW MICROSOFT CONSTRUCTS AND DEPLOYS WEB FRAMEWORKS AND IS FREE OF THE LEGACY OF EARLIER TECHNOLOGIES SUCH AS WEB FORMS. ASP.NET CORE MVC PROVIDES A "HOST AGNOSTIC" FRAMEWORK AND A HIGH-PRODUCTIVITY PROGRAMMING MODEL THAT PROMOTES CLEANER CODE ARCHITECTURE, TEST-DRIVEN DEVELOPMENT, AND POWERFUL EXTENSIBILITY. BEST-SELLING AUTHOR ADAM FREEMAN HAS THOROUGHLY REVISED THIS MARKET-LEADING BOOK AND EXPLAINS HOW TO GET THE MOST FROM ASP.NET CORE MVC. HE STARTS WITH THE NUTS-AND-BOLTS AND SHOWS YOU EVERYTHING THROUGH TO ADVANCED FEATURES, GOING IN-DEPTH TO GIVE YOU THE KNOWLEDGE YOU NEED. THE BOOK INCLUDES A FULLY WORKED CASE STUDY OF A FUNCTIONING WEB APPLICATION THAT READERS CAN USE AS A TEMPLATE FOR THEIR OWN PROJECTS. WHAT'S NEW IN THIS EDITION FULLY UPDATED FOR VISUAL STUDIO 2017, C# 7 AND .NET CORE 2 COVERAGE OF NEW FEATURES SUCH AS VIEW FILTERS WIDER PLATFORM AND TOOLING COVERAGE THAN EVER BEFORE, WITH MORE ON VISUAL STUDIO CODE AND WORKING WITH .NET CORE ON NON-WINDOWS PLATFORMS DOCKER-BASED APPLICATION DEPLOYMENT WHAT YOU WILL LEARN GAIN A SOLID ARCHITECTURAL UNDERSTANDING OF ASP.NET CORE MVC EXPLORE THE ENTIRE ASP.NET MVC FRAMEWORK AS A COHESIVE WHOLE SEE HOW MVC AND TEST-DRIVEN DEVELOPMENT WORK IN ACTION LEARN WHAT'S NEW IN ASP.NET CORE MVC 2 AND HOW BEST TO APPLY THESE NEW FEATURES TO YOUR OWN WORK SEE HOW TO CREATE RESTFUL WEB SERVICES AND SINGLE PAGE APPLICATIONS BUILD ON YOUR EXISTING KNOWLEDGE OF PREVIOUS MVC RELEASES TO GET UP AND RUNNING WITH THE NEW PROGRAMMING MODEL QUICKLY AND EFFECTIVELY WHO THIS BOOK IS FOR THIS BOOK IS FOR WEB DEVELOPERS WITH A BASIC KNOWLEDGE OF ASP.NET AND C# WHO WANT TO INCORPORATE THE LATEST IMPROVEMENTS AND FUNCTIONALITY IN THE ASP.NET CORE MVC 2 FRAMEWORK.

LIVE PROJECT TRAINING GUIDE ASP.NET PRACTICAL APPROACH FOR BEGINNERS AMIT KUMAR SRIVASTAVA 2016-05-20 ASP.NET IS THE NEXT GENERATION ASP, BUT IT'S NOT AN UPGRADED VERSION OF ASP. ASP.NET IS AN ENTIRELY NEW TECHNOLOGY FOR SERVER-SIDE SCRIPTING. ASP.NET IS A PART OF THE MICROSOFT .NET FRAMEWORK, AND A POWERFUL TOOL FOR CREATING DYNAMIC AND INTERACTIVE WEB PAGES. ASP.NET IS A SERVER SIDE SCRIPTING TECHNOLOGY THAT ENABLES SCRIPTS (EMBEDDED IN WEB PAGES) TO BE EXECUTED BY AN INTERNET SERVER. ASP.NET IS A MICROSOFT TECHNOLOGY. ASP STANDS FOR ACTIVE SERVER PAGES. ASP.NET IS A PROGRAM THAT RUNS INSIDE IIS. IIS (INTERNET INFORMATION SERVICES) IS MICROSOFT'S INTERNET SERVER. IIS COMES AS A FREE COMPONENT WITH WINDOWS SERVERS. IIS IS ALSO A PART OF WINDOWS 2000 AND XP PROFESSIONAL.

ADO.NET EXAMPLES AND BEST PRACTICES FOR C# PROGRAMMERS PETER D. BLACKBURN 2002-04-01 BEST-SELLING AUTHOR BILL VAUGHN GIVES PRACTICAL ADVICE THAT VB DEVELOPERS CAN USE IMMEDIATELY TO MAKE THEIR DATA ACCESS CODE FASTER AND EASIER TO WRITE AND UNDERSTAND.

MICROSOFT ASP.NET 4 STEP BY STEP GEORGE SHEPHERD 2010-05-15 TEACH YOURSELF THE FUNDAMENTALS OF WEB DEVELOPMENT WITH ASP.NET 4-ONE STEP AT A TIME. WITH STEP BY STEP, YOU GET THE GUIDANCE AND LEARN-BY-DOING EXAMPLES YOU NEED TO START BUILDING WEB APPLICATIONS AND WEB SERVICES IN THE MICROSOFT VISUAL STUDIO(R) 2010 ENVIRONMENT. THE AUTHOR-A HIGHLY REGARDED PROGRAMMING EXPERT, WRITER, AND INSTRUCTOR-ILLUMINATES ASP.NET FEATURES THROUGH PRACTICAL EXAMPLES THAT HELP DEVELOPERS QUICKLY GRASP CONCEPTS AND APPLY TECHNIQUES TO THE

REAL WORLD. THE BOOK ALSO INCLUDES A COMPANION CD WITH CODE SAMPLES, DATA SETS, AND A FULLY SEARCHABLE eBook. FOR CUSTOMERS WHO PURCHASE AN eBook VERSION OF THIS TITLE, INSTRUCTIONS FOR DOWNLOADING THE CD FILES CAN BE FOUND IN THE eBook.

DEEP LEARNING FOR CODERS WITH FASTAI AND PYTORCH JEREMY HOWARD 2020-06-29 DEEP LEARNING IS OFTEN VIEWED AS THE EXCLUSIVE DOMAIN OF MATH PhDs AND BIG TECH COMPANIES. BUT AS THIS HANDS-ON GUIDE DEMONSTRATES, PROGRAMMERS COMFORTABLE WITH PYTHON CAN ACHIEVE IMPRESSIVE RESULTS IN DEEP LEARNING WITH LITTLE MATH BACKGROUND, SMALL AMOUNTS OF DATA, AND MINIMAL CODE. HOW? WITH FASTAI, THE FIRST LIBRARY TO PROVIDE A CONSISTENT INTERFACE TO THE MOST FREQUENTLY USED DEEP LEARNING APPLICATIONS. AUTHORS JEREMY HOWARD AND SYLVAIN GUGGER, THE CREATORS OF FASTAI, SHOW YOU HOW TO TRAIN A MODEL ON A WIDE RANGE OF TASKS USING FASTAI AND PYTORCH. YOU'LL ALSO DIVE PROGRESSIVELY FURTHER INTO DEEP LEARNING THEORY TO GAIN A COMPLETE UNDERSTANDING OF THE ALGORITHMS BEHIND THE SCENES. TRAIN MODELS IN COMPUTER VISION, NATURAL LANGUAGE PROCESSING, TABULAR DATA, AND COLLABORATIVE FILTERING LEARN THE LATEST DEEP LEARNING TECHNIQUES THAT MATTER MOST IN PRACTICE IMPROVE ACCURACY, SPEED, AND RELIABILITY BY UNDERSTANDING HOW DEEP LEARNING MODELS WORK DISCOVER HOW TO TURN YOUR MODELS INTO WEB APPLICATIONS IMPLEMENT DEEP LEARNING ALGORITHMS FROM SCRATCH CONSIDER THE ETHICAL IMPLICATIONS OF YOUR WORK GAIN INSIGHT FROM THE FOREWORD BY PYTORCH COFOUNDER, SOUMITH CHINTALA

BEGINNING ASP.NET 4.5 IN C# MATTHEW MACDONALD 2012-10-24 THIS BOOK IS THE MOST COMPREHENSIVE AND UP TO DATE INTRODUCTION TO ASP.NET EVER WRITTEN. FOCUSSED SOLELY ON C#, WITH NO CODE SAMPLES DUPLICATED IN OTHER LANGUAGES, AWARD WINNING AUTHOR MATTHEW MACDONALD INTRODUCES YOU TO THE VERY LATEST THINKING AND BEST PRACTICES FOR THE ASP.NET 4.5 TECHNOLOGY. ASSUMING NO PRIOR CODING EXPERIENCE, YOU'LL BE TAUGHT EVERYTHING YOU NEED TO KNOW FROM THE GROUND UP. STARTING FROM FIRST PRINCIPALS, YOU'LL LEARN THE SKILLS YOU NEED TO BE AN EFFECTIVE ASP.NET DEVELOPER WHO IS READY TO PROGRESS TO MORE SOPHISTICATED PROJECTS AND PROFESSIONAL WORK. YOU'LL BE TAUGHT HOW TO USE OBJECT ORIENTATION AND CODE-BEHIND TECHNIQUES TO LAY OUT YOUR CODE CLEARLY IN A WAY OTHER DEVELOPERS CAN EASILY UNDERSTAND. YOU'LL LEARN HOW TO QUERY DATABASES FROM WITHIN YOUR WEB PAGES, SPICE UP YOUR LAYOUTS USING ASP.NET AJAX AND DEPLOY YOUR FINISHED WEBSITES TO PRODUCTION SERVERS. YOU'LL ALSO LEARN HOW TO DEBUG YOUR CODE WHEN THINGS GO WRONG AND THE PERFORMANCE AND SCALABILITY ISSUES THAT CAN AFFECT YOUR WEB PROJECTS AS THEY GROW. WITH YOUR BOOK YOU CAN TAKE YOUR FIRST STEP TOWARDS BECOMING A SUCCESSFUL ASP.NET DEVELOPER WITH CONFIDENCE.

EXPERT ASP.NET WEB API 2 FOR MVC DEVELOPERS ADAM FREEMAN 2014-09-16 WEB API 2 IS THE LATEST EVOLUTION OF MICROSOFT'S WEB SERVICES TOOLKIT, WHICH ALLOWS THE CREATION OF RESTFUL APPLICATIONS BUILT ON THE ASP.NET PLATFORM. IT PROVIDES A STANDARDS-BASED APPROACH AND A HIGH-PRODUCTIVITY DEVELOPMENT MODEL THAT MAKES IT EASY TO DELIVER SERVICES TO A WIDE-RANGE OF CLIENTS, INCLUDING MOBILE DEVICES. THIS BOOK PUTS WEB API INTO CONTEXT FOR THE EXPERIENCED MVC FRAMEWORK DEVELOPER AND DIVES DEEP INTO THE TOOLS AND TECHNIQUES REQUIRED TO BUILD WEB API APPLICATIONS THAT INTEGRATE WITH THE MVC FRAMEWORK AND SHOWS YOU HOW TO CREATE SINGLE-PAGE APPLICATIONS TO CONSUME THEM. BEST-SELLING AUTHOR ADAM FREEMAN EXPLAINS HOW TO GET THE MOST FROM WEB API 2 BY BUILDING ON THE FOUNDATION OF THE MVC FRAMEWORK AND THE ASP.NET PLATFORM. HE STARTS WITH THE NUTS-AND-BOLTS AND SHOWS YOU EVERYTHING THROUGH TO ADVANCED FEATURES, GOING IN-DEPTH TO GIVE YOU THE KNOWLEDGE YOU NEED.

LEARNING C# 3.0 JESSE LIBERTY 2008-11-18 IF YOU'RE NEW TO C#, THIS POPULAR BOOK IS THE IDEAL WAY TO GET STARTED. COMPLETELY REVISED FOR THE LATEST VERSION OF THE LANGUAGE, LEARNING C# 3.0 STARTS WITH THE FUNDAMENTALS AND TAKES YOU THROUGH INTERMEDIATE AND ADVANCED C# FEATURES -- INCLUDING GENERICS, INTERFACES, DELEGATES, LAMBDA EXPRESSIONS, AND LINQ. YOU'LL ALSO LEARN HOW TO BUILD WINDOWS APPLICATIONS AND HANDLE DATA WITH C#. NO PREVIOUS PROGRAMMING EXPERIENCE IS REQUIRED -- IN FACT, IF YOU'VE NEVER WRITTEN A LINE OF CODE IN YOUR LIFE, BESTSELLING AUTHORS JESSE LIBERTY AND BRIAN MACDONALD WILL SHOW YOU HOW IT'S DONE. EACH CHAPTER OFFERS A SELF-CONTAINED LESSON TO HELP YOU MASTER KEY CONCEPTS, WITH PLENTY OF ANNOTATED EXAMPLES, ILLUSTRATIONS, AND A CONCISE SUMMARY. WITH THIS BOOK, YOU WILL: LEARN HOW TO PROGRAM AS YOU LEARN C# GRASP THE PRINCIPLES OF OBJECT-ORIENTED PROGRAMMING THROUGH C# DISCOVER HOW TO USE THE LATEST FEATURES IN C# 3.0 AND THE .NET 3.5 FRAMEWORK--INCLUDING LINQ AND THE WINDOWS PRESENTATION FOUNDATION (WPF) CREATE WINDOWS APPLICATIONS AND DATA-DRIVEN APPLICATIONS YOU'LL ALSO FIND A UNIQUE TEST YOUR KNOWLEDGE SECTION IN EACH CHAPTER, WITH PRACTICAL EXERCISES AND REVIEW QUIZZES, SO YOU CAN PRACTICE NEW SKILLS AND TEST YOUR UNDERSTANDING. IF YOU'RE READY TO DIVE INTO C# AND .NET PROGRAMMING, THIS BOOK IS A GREAT WAY TO QUICKLY GET UP TO SPEED.

C# COMPLETE DAVE EVANS 2003-03-07 C# COMPLETE IS A ONE-OF-A-KIND BOOK--VALUABLE BOTH FOR ITS BROAD CONTENT

AND ITS LOW PRICE. WHETHER YOU'RE BRAND-NEW TO C# PROGRAMMING, ARE MIGRATING FROM VISUAL BASIC OR VISUAL C++ TO C#, OR HAVE ALREADY DEVELOPED SOME EXPERTISE IN C#, YOU'LL GET THE SKILLS YOU NEED TO BECOME PROFICIENT WITH MICROSOFT'S POWERFUL NEW LANGUAGE DESIGNED FOR THE .NET PLATFORM. CREATING COMPLEX APPLICATIONS IN THE .NET FRAMEWORK IS MADE EASIER WITH C#--MICROSOFT'S FIRST TRUE OBJECT-ORIENTED PROGRAMMING LANGUAGE. IN C# COMPLETE, YOU'LL GET A CLEAR PICTURE OF EVERYTHING YOU NEED TO KNOW FOR DEVELOPING APPLICATIONS USING C#. YOU'LL BEGIN BY LEARNING THE ESSENTIAL ELEMENTS OF THE LANGUAGE AND OF VISUAL STUDIO .NET, IN WHICH YOU'LL DEVELOP AND RUN PROGRAMS IN A COMPREHENSIVE INTEGRATED DEVELOPMENT ENVIRONMENT. YOU'LL SEE HOW TO CREATE FUNCTIONAL AND EXCITING USER INTERFACES AND DESKTOP APPLICATIONS WRITTEN WITH C#, AND HOW TO INCORPORATE THREADS TO THEIR BEST ADVANTAGE. YOU'LL EXPLORE THE USE OF ADO.NET CLASSES IN DEVELOPMENT OF C# DATABASE APPLICATIONS. CHAPTERS ON ASP.NET WEB SERVICES WILL WALK YOU THROUGH THE BUILDING OF AN XML WEB SERVICES APPLICATION. YOU'LL ALSO VISIT SOME ADVANCED TOPICS, INCLUDING DESIGNING WITH SECURITY IN MIND, OVERCOMING THE SHORTCOMINGS OF THE .NET FRAMEWORK, AND WORKING WITH THE MICROSOFT MOBILE INTERNET TOOLKIT. C# COMPLETE INTRODUCES YOU TO THE WORK OF SOME OF SYBEX'S FINEST AUTHORS, SO YOU'LL KNOW WHERE TO GO TO LEARN EVEN MORE ABOUT C# AND THE .NET FRAMEWORK. INSIDE: VISUAL C# .NET ESSENTIALS INTRODUCTION TO VISUAL C# AND THE .NET FRAMEWORK ZEN AND NOW: THE C# LANGUAGE STRINGS OBJECT ORIENTED PROGRAMMING DERIVED CLASSES ARRAYS, INDEXERS, AND COLLECTIONS REFLECTING ON CLASSES C# APPLICATION DEVELOPMENT BUILDING A BETTER WINDOWS USER INTERFACE BUILDING DESKTOP APPLICATIONS WORKING WITH THREADS DATABASE DEVELOPMENT WITH C# OVERVIEW OF THE ADO.NET CLASSES ADO.NET APPLICATION DEVELOPMENT USING DATASET OBJECTS TO STORE DATA USING DATASET OBJECTS TO MODIFY DATA ASP.NET AND WEB SERVICES INTRODUCTION TO C# WEB APPLICATIONS USING XML IN WEB APPLICATIONS WEB SERVICES BUILDING YOUR OWN WEB CONTROLS ADVANCED C# DEVELOPMENT OVERCOMING HOLES IN THE .NET FRAMEWORK OVERCOMING SECURITY ISSUES GETTING STARTED WITH MOBILE INTERNET TOOLKIT

PROGRAMMING ASP.NET JESSE LIBERTY 2002 DISCUSSES HOW TO USE ASP IN THE .NET FRAMEWORK, EVENTS, CONTROLS, CONTROL DETAILS, WEB FORMS, TRACING AND DEBUGGING, VALIDATION, DATA BINDING, ADO, WEB SERVICES, AND SECURITY.

ASP.NET CORE 3 AND ANGULAR 9 VALERIO DE SANCTIS 2020-02-14 BUILD A SIMPLE, YET FULLY-FUNCTIONAL MODERN WEB APPLICATION USING .NET CORE 3.1, ENTITY FRAMEWORK CORE AND ANGULAR 9 KEY FEATURES EXPLORE THE LATEST EDITION OF THE BESTSELLING BOOK ASP.NET CORE 2 AND ANGULAR 5 DESIGN, BUILD AND DEPLOY A SINGLE PAGE APPLICATION OR PROGRESSIVE WEB APP WITH ASP.NET CORE AND ANGULAR ADOPT A FULL STACK APPROACH TO HANDLE DATA MANAGEMENT, WEB APIS, APPLICATION DESIGN, TESTING, SEO, SECURITY AND DEPLOYMENT BOOK DESCRIPTION LEARNING FULL STACK DEVELOPMENT CALLS FOR KNOWLEDGE OF BOTH FRONTEND AND BACKEND WEB DEVELOPMENT. BY COVERING THE IMPRESSIVE CAPABILITIES OF ASP.NET CORE 3.1 AND ANGULAR 9, RIGHT FROM PROJECT SETUP THROUGH TO THE DEPLOYMENT PHASE, THIS BOOK WILL HELP YOU TO DEVELOP YOUR SKILLS EFFECTIVELY. THE BOOK WILL GET YOU STARTED WITH USING THE .NET CORE FRAMEWORK AND WEB API CONTROLLERS TO IMPLEMENT API CALLS AND SERVER-SIDE ROUTING IN THE BACKEND. NEXT, YOU WILL LEARN TO BUILD A DATA MODEL WITH ENTITY FRAMEWORK CORE AND CONFIGURE IT USING EITHER A LOCAL SQL SERVER INSTANCE OR CLOUD-BASED DATA STORES SUCH AS MICROSOFT AZURE. THE BOOK WILL ALSO HELP YOU HANDLE USER INPUT WITH ANGULAR REACTIVE FORMS AND FRONTEND AND BACKEND VALIDATORS FOR MAXIMUM EFFECT. YOU WILL LATER EXPLORE THE ADVANCED DEBUGGING AND UNIT TESTING FEATURES PROVIDED BY XUNIT.NET (.NET CORE) AND JASMINE, AS WELL AS KARMA FOR ANGULAR. FINALLY, YOU WILL IMPLEMENT VARIOUS AUTHENTICATION AND AUTHORIZATION TECHNIQUES WITH THE ASP.NET CORE IDENTITY SYSTEM AND THE NEW IDENTITYSERVER, AS WELL AS DEPLOY YOUR APPS ON WINDOWS AND LINUX SERVERS USING IIS, KESTREL, AND NGINX. BY THE END OF THIS BOOK, YOU WILL BE EQUIPPED WITH THE SKILLS YOU NEED TO CREATE EFFICIENT WEB APPLICATIONS USING ASP.NET CORE AND ANGULAR. WHAT YOU WILL LEARN IMPLEMENT A WEB API INTERFACE WITH ASP.NET CORE AND CONSUME IT WITH ANGULAR USING RXJS OBSERVABLES CREATE A DATA MODEL USING ENTITY FRAMEWORK CORE WITH CODE-FIRST APPROACH AND MIGRATIONS SUPPORT SET UP AND CONFIGURE A SQL DATABASE SERVER USING A LOCAL INSTANCE OR A CLOUD DATA STORE ON AZURE PERFORM C# AND JAVASCRIPT DEBUGGING USING VISUAL STUDIO 2019 CREATE TDD AND BDD UNIT TEST USING XUNIT, JASMINE, AND KARMA IMPLEMENT AUTHENTICATION AND AUTHORIZATION USING ASP.NET IDENTITY, IDENTITYSERVER 4, AND ANGULAR API BUILD PROGRESSIVE WEB APPS AND EXPLORE SERVICE WORKERS WHO THIS BOOK IS FOR THIS BOOK IS FOR EXPERIENCED ASP.NET DEVELOPERS WHO ALREADY KNOW ABOUT ASP.NET CORE AND ANGULAR AND ARE LOOKING TO LEARN MORE ABOUT THEM AND UNDERSTAND HOW TO USE THEM TOGETHER TO CREATE PRODUCTION-READY SINGLE PAGE APPLICATIONS (SPAs) OR PROGRESSIVE WEB APPLICATIONS (PWAs). HOWEVER, THE FULLY-DOCUMENTED CODE SAMPLES (ALSO AVAILABLE ON GITHUB) AND THE STEP-BY-STEP IMPLEMENTATION TUTORIALS MAKE THIS BOOK EASY-TO-UNDERSTAND - EVEN FOR BEGINNERS AND DEVELOPERS WHO ARE JUST GETTING STARTED.

DESIGN PATTERNS ERICH GAMMA 1995 SOFTWARE -- SOFTWARE ENGINEERING.

ASP.NET CORE IN ACTION ANDREW LOCK 2021-03-18 ASP.NET CORE IN ACTION, SECOND EDITION IS A COMPREHENSIVE GUIDE TO CREATING WEB APPLICATIONS WITH ASP.NET CORE 5.0. GO FROM BASIC HTTP CONCEPTS TO ADVANCED FRAMEWORK CUSTOMIZATION. SUMMARY FULLY UPDATED TO ASP.NET 5.0, ASP.NET CORE IN ACTION, SECOND EDITION IS A HANDS-ON PRIMER TO BUILDING CROSS-PLATFORM WEB APPLICATIONS WITH YOUR C# AND .NET SKILLS. EVEN IF YOU'VE NEVER WORKED WITH ASP.NET YOU'LL START CREATING PRODUCTIVE CROSS-PLATFORM WEB APPS FAST. AND DON'T WORRY ABOUT LATE-BREAKING CHANGES TO ASP.NET CORE. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND EPUB FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY BUILD FULL-STACK WEB APPLICATIONS THAT RUN ANYWHERE. DEVELOPERS LOVE ASP.NET CORE FOR ITS LIBRARIES AND PRE-BUILT COMPONENTS THAT MAXIMIZE PRODUCTIVITY. VERSION 5.0 OFFERS NEW FEATURES FOR SERVER-SIDE APPS, AS WELL AS BACKGROUND SERVICES FOR CROSS-PLATFORM DEVELOPMENT. ABOUT THE BOOK ASP.NET CORE IN ACTION, SECOND EDITION IS A COMPREHENSIVE GUIDE TO CREATING WEB APPLICATIONS WITH ASP.NET CORE 5.0. GO FROM BASIC HTTP CONCEPTS TO ADVANCED FRAMEWORK CUSTOMIZATION. ILLUSTRATIONS AND ANNOTATED CODE MAKE LEARNING VISUAL AND EASY. MASTER LOGINS, DEPENDENCY INJECTION, SECURITY, AND MORE. THIS UPDATED EDITION COVERS THE LATEST FEATURES, INCLUDING RAZOR PAGES AND THE NEW HOSTING PARADIGM. WHAT'S INSIDE DEVELOPING APPS FOR WINDOWS AND NON-WINDOWS SERVERS CONFIGURING APPLICATIONS BUILDING CUSTOM COMPONENTS LOGGING, TESTING, AND SECURITY ABOUT THE READER FOR INTERMEDIATE C# DEVELOPERS. ABOUT THE AUTHOR ANDREW LOCK IS A MICROSOFT MVP WHO HAS WORKED WITH ASP.NET CORE SINCE BEFORE ITS FIRST RELEASE. TABLE OF CONTENTS PART 1 - GETTING STARTED WITH ASP.NET CORE 1 GETTING STARTED WITH ASP.NET CORE 2 YOUR FIRST APPLICATION 3 HANDLING REQUESTS WITH THE MIDDLEWARE PIPELINE 4 CREATING A WEBSITE WITH RAZOR PAGES 5 MAPPING URLS TO RAZOR PAGES USING ROUTING 6 THE BINDING MODEL: RETRIEVING AND VALIDATING USER INPUT 7 RENDERING HTML USING RAZOR VIEWS 8 BUILDING FORMS WITH TAG HELPERS 9 CREATING A WEB API FOR MOBILE AND CLIENT APPLICATIONS USING MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 SERVICE CONFIGURATION WITH DEPENDENCY INJECTION 11 CONFIGURING AN ASP.NET CORE APPLICATION 12 SAVING DATA WITH ENTITY FRAMEWORK CORE 13 THE MVC AND RAZOR PAGES FILTER PIPELINE 14 AUTHENTICATION: ADDING USERS TO YOUR APPLICATION WITH IDENTITY 15 AUTHORIZATION: SECURING YOUR APPLICATION 16 PUBLISHING AND DEPLOYING YOUR APPLICATION PART 3 - EXTENDING YOUR APPLICATIONS 17 MONITORING AND TROUBLESHOOTING ERRORS WITH LOGGING 18 IMPROVING YOUR APPLICATION'S SECURITY 19 BUILDING CUSTOM COMPONENTS 20 BUILDING CUSTOM MVC AND RAZOR PAGES COMPONENTS 21 CALLING REMOTE APIS WITH IHTTPCLIENTFACTORY 22 BUILDING BACKGROUND TASKS AND SERVICES 23 TESTING YOUR APPLICATION

ASP.NET: THE COMPLETE REFERENC MATTHEW MacDONALD 2002 GET THE COMPREHENSIVE LOW-DOWN ON ALL SEVEN BUILT-IN .NET FRAMEWORK NAMESPACES--PLUS PLENTY OF OTHER USEFUL INFORMATION FOR DEVELOPERS, INCLUDING RELEVANT TOPICS LIKE SECURITY, WEB SERVICES, DATABASE DEVELOPMENT, APPLICATION DEPLOYMENT, AND MORE.

DEVELOPING AND IMPLEMENTING WEB APPLICATIONS WITH VISUAL C# .NET AND VISUAL STUDIO .NET AMIT KALANI 2004 COVERS EXAM OBJECTIVES, PRESENTS PRACTICE QUESTIONS AND ANSWERS, AND INCLUDES TEST-TAKING STRATEGIES AND TIPS.

THE COMPLETE ASP.NET CORE 3 API TUTORIAL LES JACKSON 2020-11-02 USE THIS ASP.NET CORE API TUTORIAL AND STRAIGHTFORWARD STEP-BY-STEP GUIDE TO BUILD, TEST, AND DEPLOY AN ASP.NET CORE API TO AZURE. IT WILL HELP YOU CODE CONFIDENTLY AND EFFICIENTLY, AND PROVIDES JUST WHAT YOU NEED FOR CONTEXT. THE BOOK STARTS WITH DETAILING HOW TO SET UP YOUR DEVELOPMENT ENVIRONMENT, AND THEN INTRODUCES A VARIETY OF TOOLS AND TECHNOLOGIES TO BUILD, TEST, AND DEPLOY YOUR API. IT COVERS TOOLS SUCH AS .NET CORE SDK, (VERSION 3.1), VISUAL STUDIO CODE, GIT, xUNIT, DOCKER, POSTGRESQL, POSTMAN, AZURE DEVOPS, AZURE, AUTOMAPPER, AND MANY MORE. PRACTICAL GUIDANCE IS PROVIDED SO YOU CAN ACHIEVE A TANGIBLE AND VALUABLE OUTCOME, AND YOU ALSO ARE GIVEN A DOSE OF THEORY ON REST (REPRESENTATIONAL STATE TRANSFER), JSON, (JAVASCRIPT OBJECT NOTATION), DTOs (DATA TRANSFER OBJECTS), AND THE MVC (MODEL VIEW CONTROLLER) ARCHITECTURAL PATTERN. WHAT YOU WILL LEARN BUILD AN ASP.NET CORE API USING C#, TEST IT, AND DEPLOY IT TO AZURE UNDERSTAND CONCEPTS ON ENTITY FRAMEWORK CORE GAIN HARD-EARNED SECRETS, SHORTCUTS, AND GOTCHAS THROUGHOUT THE "BUILD ALONG" GET COMFORTABLE WITH ASP NET CORE ENVIRONMENTS BE INTRODUCED TO UNIT TESTING, CI/CD PIPELINES, BEARER AUTHENTICATION, AND JSON WEB TOKENS (JWT) WHO THIS BOOK IS FOR DEVELOPERS USING THE MICROSOFT STACK. SOME BASIC UNDERSTANDING OF .NET CORE IS ASSUMED.

PROGRAMMING ASP.NET AJAX CHRISTIAN WENZ 2007-09-18 DELIVERING RICH, WEB 2.0-STYLE EXPERIENCES HAS NEVER BEEN EASIER. THIS BOOK GIVES YOU A COMPLETE HANDS-ON INTRODUCTION TO MICROSOFT ASP.NET AJAX 1.0, THE NEW FRAMEWORK THAT OFFERS MANY OF THE SAME BENEFITS FOR AJAX DEVELOPMENT THAT ASP.NET PROVIDES FOR SERVER-SIDE DEVELOPMENT. WITH PROGRAMMING ASP.NET AJAX, YOU'LL LEARN HOW TO CREATE PROFESSIONAL, DYNAMIC WEB PAGES WITH AJAX IN NO TIME. LOADED WITH CODE AND EXAMPLES THAT DEMONSTRATE KEY ASPECTS OF THE FRAMEWORK, THIS BOOK IS IDEAL NOT ONLY FOR ASP.NET DEVELOPERS WHO WANT TO TAKE THEIR APPLICATIONS A STEP FURTHER WITH AJAX, BUT FOR ANY WEB DEVELOPERS

INTERESTED IN ASP.NET AJAX, NO MATTER WHAT TECHNOLOGY THEY USE CURRENTLY. THAT INCLUDES JAVASCRIPT PROGRAMMERS WHO WOULD LIKE TO AVOID THE HEADACHES OF WRITING CROSS-BROWSER CODE. PROGRAMMING ASP.NET AJAX OFFERS YOU: A HIGH-LEVEL OVERVIEW OF THE ASP.NET AJAX FRAMEWORK FUNCTIONAL CODE THAT YOU CAN CUT AND PASTE FOR USE IN YOUR OWN APPLICATIONS THE ESSENTIALS OF JAVASCRIPT AND AJAX TO HELP YOU UNDERSTAND INDIVIDUAL TECHNOLOGIES USED BY THE FRAMEWORK AN ORGANIZATION THAT REFLECTS THE FRAMEWORK'S PACKAGES, INCLUDING EXTENSIONS, CONTROL TOOLKIT, THE FUTURES CTP, AND THE AJAX LIBRARY SIDEBARS THROUGHOUT THE BOOK THAT IDENTIFY AND PROPOSE SOLUTIONS TO POTENTIAL SECURITY BREACHES WAYS TO USE THE STANDARDS-BASED AJAX LIBRARY WITH OTHER PLATFORMS, SUCH AS PHP A COMPLETE CHAPTER ON THE UPDATEPANEL CONTROL FOR MAKING INDIVIDUAL PARTS OF A WEB PAGE INDEPENDENTLY UPDATEABLE -- ONE OF THE FRAMEWORK'S MOST IMPORTANT ELEMENTS RELEASED PREVIOUSLY AS PROGRAMMING ATLAS TO COVER THE BETA VERSION OF THE MICROSOFT FRAMEWORK, THIS EDITION IS FULLY UP-TO-DATE AND EXPANDED FOR THE OFFICIAL 1.0 RELEASE OF ASP.NET AJAX. WRITTEN BY CHRISTIAN WENZ -- MICROSOFT MVP FOR ASP/ASP.NET AND AJAX CONTROL TOOLKIT CONTRIBUTOR -- PROGRAMMING ASP.NET AJAX CONTAINS MANY HARD-TO-FIND DETAILS, ALONG WITH A FEW UNOFFICIAL WAYS TO ACCOMPLISH THINGS.

MURACH'S ASP.NET CORE MVC JOEL MURACH 2020-01-07 IF YOU KNOW THE BASICS OF C# AND HTML/CSS, YOU'RE READY TO LEARN HOW TO BUILD ASP.NET CORE MVC WEB APPS THE WAY THE PROFESSIONALS DO. THIS BOOK COVERS ALL THE ESSENTIALS: THE MVC PATTERN, BOOTSTRAP FOR RESPONSIVE DESIGN, ROUTING, RAZOR VIEWS, MODEL BINDING, DATA VALIDATION, EF (ENTITY FRAMEWORK) CORE FOR DATABASE HANDLING, DEPENDENCY INJECTION, XUNIT AND MOQ FOR UNIT TESTING, IDENTITY FOR AUTHENTICATION, AND MORE. IT GETS YOU GOING RIGHT AWAY WITH A SUBSET OF BASIC SKILLS, THEN BUILDS ON THOSE SKILLS SO YOU'LL SOON BE DEVELOPING REAL-WORLD WEB APPS. ALONG THE WAY, YOU GET DOZENS OF PRACTICAL CODING EXAMPLES THAT HELP YOU APPLY WHAT YOU'VE JUST LEARNED AND SHOW HOW ALL THE PARTS WORK TOGETHER. AND WHEN YOU'RE DONE, THIS BOOK DOES DOUBLE DUTY AS THE BEST ON-THE-JOB REFERENCE THAT MONEY CAN BUY.

THE BOOK OF VISUAL STUDIO .NET ROBERT B. DUNAWAY 2002 COVERS TOPICS SUCH AS INTEGRATING MULTIPLE .NET TECHNOLOGIES, CROSS-LANGUAGE INTEGRATION, VERSIONING, DATABASE AND MONITORING TOOLS FOR APPLICATION DEVELOPMENT, ACCESSING DATA, AND COM+.