



Quick answers to common problems

# AngularJS Web Application Development Cookbook

Over 90 hands-on recipes to architect performant applications and implement best practices in AngularJS

**Matt Frisbie**

**[PACKT]** open source\*  
PUBLISHING community experience distilled

# Angularjs Web Application Development Cookbook

**Muhammad Ahsan Ayaz**



## **Angularjs Web Application Development Cookbook:**

**Angularjs Web Application Development Cookbook** Matt Frisbie,2017-07-12 Author Frederik Dietz uses AngularJS to outline common tasks and challenges for developers using Angular js With his help novices and experts alike will find a reference that clearly outlines a variety of challenges their solutions and technical explanations for how the challenges are overcome Whether you are a novice looking to understand Angular js or an expert seeking a reference guide AngularJS is indispensable This updated and expanded second edition of Book provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for all those interested in the subject We hope you find this book useful in shaping your future career Business *AngularJS Web Application Development Cookbook* Bailey E.

Morley,2015-08-12 Thought provoking and accessible in approach this updated and expanded second edition of the AngularJS Web Application Development Cookbook provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise Press [AngularJS Web Application Development Cookbook](#) Matt Frisbie,2014-12-26 This is not your grandmother s JavaScript cookbook If you have a foundational understanding of the framework and want to expand your AngularJS skillset with strategies and methodologies for building performant and scaleable production applications this is the book for you This book assumes you have an understanding of the basics of AngularJS and experience with JavaScript **Angular 2**

**Cookbook** Matt Frisbie,2017-01-20 Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on About This Book A first rate reference guide with a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it Covers no legacy material from the outdated Angular release candidates it is up to date with the latest release of Angular 2 4 All the code in the book is explicitly written out and every piece of code shown is a step towards building a simple working example Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2 This book is also geared towards developers with experience in Angular 1 who are looking to make the transition What You Will Learn Understand how to best move an Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components forms and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency

injection Know how to maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application In Detail Angular 2 introduces an entirely new way to build applications It wholly embraces all the newest concepts that are built into the next generation of browsers and it cuts away all the fat and bloat from Angular 1 This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer In addition to covering all the Angular 2 fundamentals such as components forms and services it demonstrates how the framework embraces a range of new web technologies such as ES6 and TypeScript syntax Promises Observables and Web Workers among many others This book covers all the most complicated Angular concepts and at the same time introduces the best practices with which to wield these powerful tools It also covers in detail all the concepts you ll need to get you building applications faster Oft neglected topics such as testing and performance optimization are widely covered as well A developer that reads through all the content in this book will have a broad and deep understanding of all the major topics in the Angular 2 universe Style and approach This book follows a cookbook approach each recipe presents a unique problem to which the solution is presented in a clear concise and manner step by step manner With practical hands on guidance in each and every recipe you ll be able to get to grips with the concepts      [Go Web Development Cookbook](#)

Arpit Aggarwal,2018-04-23 86 recipes on how to build fast scalable and powerful web services and applications with Go Key Features Become proficient in RESTful web services Build scalable high performant web applications in Go Get acquainted with Go frameworks for web development Book Description Go is an open source programming language that is designed to scale and support concurrency at the language level This gives you the liberty to write large concurrent web applications with ease From creating web application to deploying them on Amazon Cloud Services this book will be your one stop guide to learn web development in Go The Go Web Development Cookbook teaches you how to create REST services write microservices and deploy Go Docker containers Whether you are new to programming or a professional developer this book will help get you up to speed with web development in Go We will focus on writing modular code in Go in depth informative examples build the base one step at a time You will learn how to create a server work with static files SQL NoSQL databases and Beego You will also learn how to create and secure REST services and create and deploy Go web application and Go Docker containers on Amazon Cloud Services By the end of the book you will be able to apply the skills you ve gained in Go to create and explore web applications in any domain What you will learn Create a simple HTTP and TCP web server and understand how it works Explore record in a MySQL and MongoDB database Write and consume RESTful web service in Go Invent microservices in Go using Micro a microservice toolkit Create and Deploy the Beego application with Nginx Deploy Go web application and Docker containers on an AWS EC2 instance Who this book is for This book is for Go developers interested in learning how to use Go to build powerful web applications A background in web development is expected

**Information Systems Architecture and Technology: Proceedings of 37th International Conference on Information Systems Architecture and Technology - ISAT 2016 - Part I** Leszek Borzemski, Adam Grzech, Jerzy Świątek, Zofia Wilimowska, 2016-09-17 This four volume set of books constitutes the proceedings of the 2016 37th International Conference Information Systems Architecture and Technology ISAT or ISAT 2016 for short held on September 18 20 2016 in Karpacz Poland The conference was organized by the Department of Management Systems and the Department of Computer Science Wrocław University of Science and Technology Poland The papers included in the proceedings have been subject to a thorough review process by highly qualified peer reviewers The accepted papers have been grouped into four parts Part I addressing topics including but not limited to systems analysis and modeling methods for managing complex planning environment and insights from Big Data research projects Part II discoursing about topics including but not limited to Web systems computer networks distributed computing and multi agent systems and Internet of Things Part III discussing topics including but not limited to mobile and Service Oriented Architecture systems high performance computing cloud computing knowledge discovery data mining and knowledge based management Part IV dealing with topics including but not limited to finance logistics and market problems and artificial intelligence methods

Mastering MeteorJS Application Development Jebin B V, 2015-12-30 MeteorJS makes full stack JavaScript Application Development simple Learn how to build better modern web apps with MeteorJS and become an expert in the innovative JavaScript framework About This Book Get your dream project up and running by building exceptional MeteorJS applications in a matter of days Learn how to integrate other JavaScript frameworks into your MeteorJS project and become an expert in full stack development Go beyond coding and learn how to make modern design decisions from mobile design to SEO that drive great user experiences Who This Book Is For If you've already had some experience with MeteorJS but want to learn how to build even better modern web application this book has been created for you It provides you with a comprehensive look at one of those most important frameworks being used for the modern web today What You Will Learn Get to grips with the basics and learn how to build a complete real time application with MeteorJS Find out how Meteor makes full stack development simple become a better developer fast Use some of the most effective testing tools in modern web development to troubleshoot debug and optimize your app Find out how to write custom packages for applications so you can build your project exactly how you want Integrate React and Angular into your project Design and develop high quality animations that will give your UI the edge Build MeteorJS to serve as REST based application and reactive system Learn how to host a MeteorJS application and then scale it for data Find out how MeteorJS can help you build for mobile Learn how to make sure you implement an effective SEO strategy in your MeteorJS application In Detail The web is dead applications now rule our online experiences But how are you going to build them Well if you've been paying attention you might already have tried your hand with MeteorJS the JavaScript framework that helps you build complete full stack web applications that are

responsive and fast with ease Mastering MeteorJS Application Development shows you how to do even more with MeteorJS if you're ready to try a comprehensive course through one of the most exciting frameworks in web development today this is the book you need Designed to take you through the entire process of building an advanced multipage application with Meteor you'll be able to bring your web development ideas with surprising ease You'll not only learn how Meteor makes web development easier but also how you can make using Meteor easier by automating and simplifying tasks so you can be confident you have full control of everything in your workflow especially everything that could go wrong From automated testing to integrating other useful frameworks such as Angular and D3 each chapter covers a crucial element in the Meteor development process Discover how to integrate animations using Meteor's Blaze to give your UI designs the edge and explore reactive programming to effectively harness RESTful systems in your projects You will also learn how to deploy and scale your application two crucial aspects of modern development and vital in a changing digital environment with users expecting a product and experience that delivers With further insights on developing for mobile and how Meteor can help you tackle the challenges of the trend and details on incorporating SEO strategies into your application this book isn't just a code tutorial it's about creating a product that users love Style and approach This book is a practical guide that teaches you different ways to create custom packages efficient client and server code and more using Meteor This book is packed with perfect examples and explanations to help you understand the concepts With the perfect mix of theory and practical experience it will equip you to become a professional MeteorJS developer

**jQuery 2.0 Development Cookbook** Leon Revill, 2014-02-21 Taking a recipe based approach this book presents numerous practical examples that you can use directly in your applications The book covers the essential issues you will face while developing your web applications and gives you solutions to them The recipes in this book are written in a manner that rapidly takes you from beginner to expert level This book is for web developers of all skill levels Although some knowledge of JavaScript HTML and CSS is required this Cookbook will teach jQuery newcomers all the basics required to move on to the more complex examples of this book which will benefit the more seasoned jQuery developer If you want to learn how to create modern website features quickly using best practice techniques then this book is for you

**Angular 2 Cookbook** Matt Frisbie, 2017 Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on About This Book A first rate reference guide with a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it Covers no legacy material from the outdated Angular release candidates it is up to date with the latest release of Angular 2.4 All the code in the book is explicitly written out and every piece of code shown is a step towards building a simple working example Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2 This book is also geared towards developers with experience in Angular 1 who are looking to make the transition What You Will Learn Understand how to best move an

Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components forms and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency injection Know how to maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application

**In Detail** Angular 2 introduces an entirely new way to build applications It wholly embraces all the newest concepts that are built into the next generation of browsers and it cuts away all the fat and bloat from Angular 1 This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer In addition to covering all the Angular 2 fundamentals such as components forms and services it demonstrates how the framework embraces a range of new web technologies such as ES6 and TypeScript syntax Promises Observables and Web Workers among many others This book covers all the most complicated Angular concepts and at the same time introduces the best practices with which to wield these powerful tools It also covers in detail all the concepts you ll need to get you building applications faster Oft neglected topics such as testing and performance optimization are widely covered as well A developer that reads through all the content in this book will have a broad and deep understanding of all the major topics in the Angular 2 universe Style and approach This book follows a cookbook approach each recipe presents a unique problem to which the solution is presented in a clear concise and manner step by step manner With practical hands on guidance in each and every recipe you ll be able to get to grips with the concepts

**Angularjs Testing Cookbook** Simon Bailey, 2015-03-30 This book is intended for developers who have an understanding of the basic principles behind both AngularJS and test driven development You as a developer are interested in eliminating the fear related to either introducing tests to an existing codebase or starting out testing on a fresh AngularJS application If you re a team leader or part of a QA team with the responsibility of ensuring full test coverage of an application then this book is ideal for you to comprehend the full testing scope required by your developers Whether you re new to or are well versed with AngularJS this book will guarantee a complete understanding of your application code and help reduce the cost of bugs

AngularJS: Maintaining Web Applications Rodrigo Branas, Chandermani, Matt Frisbie, Amos Q. Haviv, 2016-04-22 Get started with speed building AngularJS applications and scale up to a full stack web application using the existing AngularJS framework without the trouble of migrating to Angular 2

**About This Book** Follow the best practices of the framework to organize and modularize your application Get to grips with Angular s Model View Controller architecture Create application modules with maximum reusability and extensibility Structure and use AngularJS applications in your MEAN project in your MEAN project Who This Book Is For This course is for people who want to discover how they can improve their current web applications with the existing version of Angular without having to worry much about migrating to AngularJS 2

**What You Will Learn** Install and set up the AngularJS

framework Create your own full featured and robust AngularJS web apps Create reusable directives and then extend the behavior of HTML on your web page Optimize and maintain your web applications Create more powerful full stack web applications that draw on the combined power of AngularJS Node js MongoDB and Express in the MEAN stack In Detail The AngularJS course is a journey to help you improve and scale your current web applications with the existing version of Angular without having to worry about migration to Angular 2 The course is divided into four modules The first part AngularJS Essentials is like a practical guide filled with many step by step examples that will lead you through the best practices of AngularJS After a brief introduction you will learn how to create reusable components with directives You will then take a look at many data handling techniques discover a complete set of technologies that are capable to accomplish any challenge related to present transform and validate data on the user s interface Finally you will discover the best way to deal with the scope and how to break up the application into separate modules giving rise to reusable and interchangeable libraries With this you ve crossed a milestone and are about to enter the world of learning by example In the next part Learning AngularJS By Example you will learn how to effectively build apps using the AngularJS platform You will be building multiple apps on this platform ranging from simple ones to more complex ones In this module you will roll up your coding sleeves and create a serious AngularJS application by example a rich featured workout app Take the coding a step at a time at first then once you re coding a full app in this module a lot of AngularJS will fall right into place for you The third module AngularJS Web Application Development Cookbook will get you accustomed to the AngularJS concept armed with a solid understanding of how it works insight into the best ways to wield it in real world applications and annotated code examples It is a rich library of AngularJS coding solutions that you can use straight away in your own code projects You are just a step away from completing this learning path of AngularJS The name of the next part MEAN Web Development itself assures that you are nearing the destination The idea is simple with this part you ll take MongoDB as the database Express as the web framework AngularJS as the frontend framework and Node js as the platform and combine them together in a modular approach that will ensure the flexibility needed in modern software development This is also your graduation to full stack web development which can open many new coding and career opportunities for you Style and approach Get up to speed building AngularJS applications then improve and scale full stack web applications using the existing AngularJS framework without the trouble of migrating to Angular 2     *AngularJS Directives Cookbook* Fernando Monteiro,2015-11-30 Extend the capabilities of AngularJS and build dynamic web applications by creating customized directives with this selection of more than 30 recipes About This Book Learn how to extend HTML templates in new ways to build even better web applications with exceptional interface components Build reusable directives for large scale AngularJS applications Create even sophisticated and impressive modern web apps with ease Who This Book Is For This book is for developers with AngularJS experience who want to extend their knowledge to create or customize directives in any type of AngularJS application Some

experience of modern tools such as Yeoman and Bower would be helpful but is not a requirement

### What You Will Learn

- Build and customize external HTML templates and create simple effective directives for common interface components
- Learn how to use Controller function and any Bootstrap UI directives to manipulate the DOM and how to transform any UI library into AngularJS directives
- Construct an AngularJS application to use shared components and validate your HTML5
- Discover how to use jQuery events and manipulate the DOM using jQuery UI inside AngularJS applications
- Create custom directives for ongoing projects using Yeoman generators and find out how to implement standalone directives
- Build reusable directives for Large AngularJS applications and extend directives to use dynamic templates
- Write unit test for directives using the Karma runner and Jasmine's behavior driven development framework

### In Detail

AngularJS directives are at the center of what makes it such an exciting and important web development framework. With directives you can take greater control over HTML elements on your web pages; they direct Angular's HTML compiler to behave in the way you want it to. It makes building modern web applications a much more expressive experience and allows you to focus more closely on improving the way that user interaction impacts the DOM and the way your app manages data. If you're already using Angular you probably recognize the power of directives to transform the way you understand and build your projects, but customizing and creating your own directives to harness AngularJS to its full potential can be more challenging. This cookbook shows you how to do just that: it's a valuable resource that demonstrates how to use directives at every stage in the workflow. Packed with an extensive range of solutions and tips that AngularJS developers shouldn't do without, you'll find out how to make the most of directives. You'll find recipes demonstrating how to build a number of different user interface components with directives so you can take complete control over how users interact with your application. You'll also learn how directives can simplify the way you work by creating reusable directives by customizing them with Yeoman; you can be confident that your application has the robust architecture that forms the bedrock of the best user experiences. You'll also find recipes that will help you learn how to unit test directives so you can be confident in the reliability and performance of your application. Whether you're looking for guidance to dive deeper into AngularJS directives or you want a reliable resource relevant to today's web development challenges, *AngularJS Directives Cookbook* delivers everything you need in an easily accessible way.

### Style and approach

This book's easy-to-follow guide is packed with hands-on recipes to help you build modular AngularJS applications with custom directives. It presents tips on using the best tools and various ways to use these tools for front-end development.

[SignalR Blueprints](#) Einar Ingebrigtsen, 2015-02-25 This book is designed for software developers, primarily those with knowledge of C# and JavaScript. Good knowledge and understanding of SignalR is assumed to allow efficient programming of core elements and applications in SignalR.

[Angular Cookbook](#) Muhammad Ahsan Ayaz, 2021-08-06 Discover actionable solutions to everyday problems in building applications with Angular and TypeScript, from app design to production deployment.

### Key Features

- Explore recipes across core Angular topics to fill gaps in your knowledge of using

Angular in production Discover industry best practices and tooling to enhance your development experience with Angular Understand advanced topics in Angular to help you become a proficient enterprise web developer Book Description The Angular framework powered by Google is the framework of choice for many web development projects built across varying scales It s known to provide much needed stability and a rich tooling ecosystem for building production ready web and mobile apps This recipe based guide enables you to learn Angular concepts in depth using a step by step approach You ll explore a wide range of recipes across key tasks in web development that will help you build high performance apps The book starts by taking you through core Angular concepts such as Angular components directives and services to get you ready for building frontend web apps You ll develop web components with Angular and go on to cover advanced concepts such as dynamic components loading and state management with NgRx for achieving real time performance Later chapters will focus on recipes for effectively testing your Angular apps to make them fail safe before progressing to techniques for optimizing your app s performance Finally you ll create Progressive Web Apps PWA with Angular to provide an intuitive experience for users By the end of this Angular book you ll be able to create full fledged professional looking Angular apps and have the skills you need for frontend development which are crucial for an enterprise Angular developer What You Will Learn Gain a better understanding of how components services and directives work in Angular Understand how to create Progressive Web Apps using Angular from scratch Build rich animations and add them to your Angular apps Manage your app s data reactivity using RxJS Implement state management for your Angular apps with NgRx Optimize the performance of your new and existing web apps Write fail safe unit tests and end to end tests for your web apps using Jest and Cypress Get familiar with Angular CDK components for designing effective Angular components Who this book is for The book is for intermediate level Angular web developers looking for actionable solutions to common problems in Angular enterprise development Mobile developers using Angular technologies will also find this book useful Working experience with JavaScript and TypeScript is necessary to understand the topics covered in this book more effectively

**Angular 2 Cookbook** Matt Frisbie, 2017-07-12 Angular 2 is a massively popular JavaScript framework built to take advantage of component development in web apps In Angular 2 author Joseph D Booth will guide you through setting up a development environment interacting with the Angular CLI building Hello World and more By the end you ll know how to set up templates compose components from those templates and tie them all together with modules to deliver a cohesive web app This updated and expanded second edition of Book provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for all those interested in the subject We hope you find this book useful in shaping your future career Business [Mastering Web Application Development with AngularJS](#) Pawel

Kozlowski, Peter Bacon Darwin, 2013 The book will be a step by step guide showing the readers how to build a complete web app with AngularJS JavaScript developers who want to learn AngularJS for developing web apps Knowledge of JavaScript and HTML is expected No knowledge of AngularJS is required      **Angularjs** Henry Rowland, 2016-02-25 AngularJS Easy Guide on Web Application Development This book discusses AngularJS in detail The first part of the book is an explanation of what AngularJS is its relationship to Javascript and how it can be used The book then guides you on how to set up the platform for programming in AngularJS The various platforms which can be used for this purpose are discussed and the MVC architecture offered by AngularJS to the programmers is explored You will learn the various layers of your AngularJS application and how data is passed between these layers The concept of internationalization in AngularJS is explained as well as how to internationalize attributes such as dates and currency in AngularJS Ajax for AngularJS and how to work with this is presented The http property which is very useful in AngularJS is explained in detail The book will also guide you on how to work with events in AngularJS and how to combine the Twitter Bootstrap with AngularJS for the purpose of development The services interval and timeout are also explored so that you will be in a position to apply timing in your applications Here is a preview of what you ll learn Definition Setting up the Environment The Architecture of MVC Internationalization Ajax Angular http and much more Download your copy of Angular JS by scrolling up and clicking Buy Now With 1 Click button      **Angular Cookbook** Muhammad Ahsan Ayaz, Najla Obaid, 2021-08-06 Discover actionable solutions to everyday problems in building applications with Angular and TypeScript from app design to production deployment Key Features Explore recipes across core Angular topics to fill gaps in your knowledge of using Angular in production Discover industry best practices and tooling to enhance your development experience with Angular Understand advanced topics in Angular to help you become a proficient enterprise web developer Book Description The Angular framework powered by Google is the framework of choice for many web development projects built across varying scales It s known to provide much needed stability and a rich tooling ecosystem for building production ready web and mobile apps This recipe based guide enables you to learn Angular concepts in depth using a step by step approach You ll explore a wide range of recipes across key tasks in web development that will help you build high performance apps The book starts by taking you through core Angular concepts such as Angular components directives and services to get you ready for building frontend web apps You ll develop web components with Angular and go on to cover advanced concepts such as dynamic components loading and state management with NgRx for achieving real time performance Later chapters will focus on recipes for effectively testing your Angular apps to make them fail safe before progressing to techniques for optimizing your app s performance Finally you ll create Progressive Web Apps PWA with Angular to provide an intuitive experience for users By the end of this Angular book you ll be able to create full fledged professional looking Angular apps and have the skills you need for frontend development which are crucial for an enterprise Angular developer What you will learn Gain a better understanding of how components services and directives

work in Angular Understand how to create Progressive Web Apps using Angular from scratch Build rich animations and add them to your Angular apps Manage your app's data reactivity using RxJS Implement state management for your Angular apps with NgRx Optimize the performance of your new and existing web apps Write fail safe unit tests and end to end tests for your web apps using Jest and Cypress Get familiar with Angular CDK components for designing effective Angular components Who this book is for The book is for intermediate level Angular web developers looking for actionable solutions to common problems in Angular enterprise development Mobile developers using Angular technologies will also find this book useful Working experience with JavaScript and TypeScript is necessary to understand the topics covered in this book more effectively

[50 Recipes for Programming Angular](#) Jamie Munro, 2017-08-02 50 Recipes on Programming Angular is structured in a Cookbook format featuring recipes that contain problem statements with solutions A detailed explanation follows each problem statement of the recipe This is usually contained within the solution however an optional discussion section can often contain other useful information helping to demonstrate how the solution works or if there are alternative solutions Angular.js is a JavaScript based open source front end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single page applications The JavaScript components complement Apache Cordova the framework used for developing cross platform mobile apps It aims to simplify both the development and the testing of such applications by providing a framework for client side model view controller MVC and model view viewmodel MVVM architectures along with components commonly used in rich Internet applications

**Professional JavaScript for Web Developers** Matt Frisbie, 2019-10-15 Update your skill set for ES 6 and 7 with the ultimate JavaScript guide for pros Professional JavaScript for Web Developers is the essential guide to next level JavaScript development Written for intermediate to advanced programmers this book jumps right into the technical details to help you clean up your code and become a more sophisticated JavaScript developer From JavaScript specific object oriented programming and inheritance to combining JavaScript with HTML and other markup languages expert instruction walks you through the fundamentals and beyond This new fourth edition has been updated to cover ECMAScript 6 and 7 also known as ES2015 and ES2016 and the major re imagination and departure from ES 5.1 new frameworks and libraries new techniques new testing tools and more are explained in detail for the professional developer with a practical focus that helps you put your new skills to work on real world projects The latest and most dramatic ES release is already being incorporated into JavaScript engines in major browsers this coupled with the rise in mobile web traffic increasing demand for responsive dynamic web design means that all web developers need to update their skills and this book is your ideal resource for quick relevant guidance Get up to date with ECMAScript 6 and 7 new frameworks and new libraries Delve into web animation emerging APIs and build systems Test more effectively with mocks unit tests functional tests and other tools Plan your builds for future ES releases Even if you think you know JavaScript new ES releases

bring big changes that will affect the way you work For a professional level update that doesn't waste time on coding fundamentals Professional JavaScript for Web Developers is the ultimate resource to bring you up to speed

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## **Angularjs Web Application Development Cookbook Introduction**

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