

Contents

Book Revision	1
Bug Reports	1
Chat With The Community!	1
Be notified of updates via Twitter	1
We'd love to hear from you!	1
Introduction	1
Writing a Modern Angular 1.X Web Application	2
Who This Book Is For	5
Getting Started	6
How to Use This Chapter	7
Application Root	11
Organizing our Application	14
Looking Forward	15
Structuring Our Application	16
How to Use This Chapter	17
Building with a Component Mindset	19
Chat Page Component	20
Chat Module	20
Running our application	24
Summary	25
Presentational and Container Components	27
Comparison	27
Benefits of this approach	30
Summary	30
Building the Presentational Header Components	32
TeamHeader Component	32
controllerAs Syntax	37
ChannelHeader Component	38
Summary	40

CONTENTS

Displaying the thread list	41
Thread List Component	41
Outputs in Presentational Components	43
Thread Item Component	45
Lifecycle Hooks	46
Summary	50
Setting up Messaging	51
Messages Component	52
ES6 Classes	60
MessageComponent	71
Summary	78
Sending Messages	79
ngModel	81
ngKeypress	81
Output Bindings and State Control	82
Hooking the Output Binding Callback	82
Summary	86
Data Architectures	87
History of Handling Data	87
Introduction to Redux	89
Redux	90
Core Redux Ideas	91
Storing Our State	95
Using Redux in Angular	100
Planning Our App	101
CounterApp Component	103
What's Next	111
Handling Events with Redux	112
Selecting a Thread	112
Adding a message	120
Summary	125
Routing	126
UI Router	126
Communicating with a Server	142
Asynchronous Redux	142
Redux Thunk	144
JSON Server	144

CONTENTS

Async Action Creators	146
Deploying to Firebase	179
Deploying with Webpack	179
Deploying to Firebase	184
Firebase Database REST API	184
Conclusion	195
Changelog	196