



First Edition

A SwiftUI Kickstart

DANIEL H STEINBERG



Introducing the
SwiftUI User Interface Framework

Editors Cut

A SwiftUI Kickstart

Introducing The SwiftUI
User Interface Framework

by Daniel H Steinberg

Editors Cut

Copyright

"A SwiftUI Kickstart", by Daniel H Steinberg

Copyright © 2019-2020 Dim Sum Thinking, Inc. All rights reserved.

ISBN-13: 9 978-1-944994-00-6

Book Version

This is version 0.7 for Swift 5.3, Xcode 12, and iOS 14 released October 10, 2020.

Recommended Settings

The ePub is best viewed in scrolling mode using the original fonts. On smaller devices I also choose landscape. If you view this book in Apple's Books app, choose "Let lines break naturally".

Legal

Every precaution was taken in the preparation of this book. The publisher and author assume no responsibility for errors and omissions, or for damages resulting from the use of the information contained herein and in the accompanying code downloads.

The sample code is intended to be used to illustrate points made in the text. It is not intended to be used in production code.

Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks or service marks. Where those designations appear in this book, and Dim Sum Thinking, Inc. was aware of the trademark claim, the designations have been printed with initial capital letters or in all capitals.

This book uses terms that are registered trademarks of Apple Inc. for which the terms of use don't permit rendering them in all caps or initial caps. You can view a complete list of the trademarks and registered trademarks of Apple Inc. at <http://www.apple.com/legal/trademark/appletmlist.html>.

The Editor's Cut name and logo are registered trademarks of Dim Sum Thinking, Inc.

Table Of Contents

Copyright and Legal

- Copyright
- Book Version
- Recommended Settings
- Legal

Chapter 1: Let's Get Started

- Hello, World!
- Previews
- ContentView
- Links and Credits
- Version History
- Road Map

Chapter 2: Create, Configure, and Layout

- Value Types
- Views
- Some
- ViewBuilders
- Stack Views
- Positioning Views
- Modifying Views
- Result Builders
- Generics in Result Builders
- Advanced Result Builders

Chapter 3: Call to Action

- Buttons
- State
- Properties
- View Modifiers
- Closures
- Bindings
- Creating Bindings
- Observable Objects
- Property Wrappers

Chapter 4: Lists and Grids

- Labels
- ForEach
- Scrolling
- Lists
- Grids
- DisclosureGroups
- Expanding Lists

Chapter 5: Navigation and App Data Flow

- Tab Views
- Text Input
- Policies
- Sheets
- The Environment
- Observed Objects
- Navigation Views
- Navigation Links
- Page Tab Views

Chapter 6: Making it nicer

- Lifecycle and App Storage
- Shapes
- ZStacks
- Size and placement
- GeometryReader

Path
What's next?