

## LESSON 1

### The Flutter Framework

Understand the fundamentals of the Flutter framework, incorporate widgets and state in your app, and use Flutter's tools to enhance your development process.

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## LESSON 2

### Building Interactive Apps

Customize your app with Material Design, themes, assets, and more. Make your app interactive, and retrieve local and real-time data from the web.

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SEARCH



RESOURCES



CONCEPTS



16. Build a Custom Layout



17. Quiz: Design Your Own Layout



18. Navigation



19. Quiz: Code Navigation for the ...



20. Stateful Widgets



21. Quiz: Debug Stateful Widgets



22. Quiz: Make Widgets Stateful



23. Final Notes



24. Flutter Resources

## Flutter Resources

- Documentation: <https://docs.flutter.io/>
- Github: <https://github.com/flutter/flutter>
- StackOverflow: <https://stackoverflow.com/questions/tagged/flutter>
- Gitter: <https://gitter.im/flutter/flutter>
- Effective Dart Guide: <https://www.dartlang.org/guides/language/effective-dart>
- Dart Tips: <https://www.dartlang.org/resources/dart-tips>
- Flutter FAQ: <https://flutter.io/faq/>
- Flutter Rendering: <https://www.youtube.com/watch?v=UUfXWzp0-DU>
- Flutter Engine: <https://github.com/flutter/engine/wiki>
- Hot Reload: <https://flutter.io/hot-reload/>
- Flutter Inspector: <https://dart-lang.github.io/observatory/>
- Dart Style Guide: <https://www.dartlang.org/guides/language/effective-dart/style>
- Dart Observatory: <https://dart-lang.github.io/observatory/>
- Flutter Widgets: <https://flutter.io/widgets/>
- Flutter Gallery App Code: [https://github.com/flutter/flutter/tree/master/examples/flutter\\_gallery](https://github.com/flutter/flutter/tree/master/examples/flutter_gallery)
- Flutter Gallery Android App: <https://play.google.com/store/apps/details?id=io.flutter.demo.gallery>
- Flutter Layout: <https://flutter.io/tutorials/layout/>
- Material: <https://material.io>
- Icons: <https://thenounproject.com>
- Images: <https://unsplash.com>
- Fonts: <https://fonts.google.com>
- Google APIs: <https://pub.dartlang.org/packages/googleapis>
- Async and Futures: <https://www.dartlang.org/tutorials/language/futures>
- Testing: <https://flutter.io/testing/>



SEARCH



RESOURCES



CONCEPTS



- ✓ 18. Image and Icon Assets
- ✓ 19. Font Assets
- ✓ 20. Quiz: Add Custom Icons and F...
- ✓ 21. No Assets? Use an API!
- ✓ 22. Quiz: Add the Flutter Currency...
- ✓ 23. Error Handling
- ✓ 24. Quiz: Add Error Handling
- ✓ 25. Final Notes
- ✓ 26. Flutter Resources

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- Flutter Gallery Android App: <https://play.google.com/store/apps/details?id=io.flutter.demo.gallery>
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