

## Team Learning



[Flutter Apprentice](#) - by a nice group of authors and edited/reviewed by the Flutter team. Adopted by the Flutter Community for a Book Club on YouTube in the fall of 2021 (videos are still available). Keeping up with the changes in Flutter as well as any.

## Coding Standards



[Lint](#) - a more strict/professional set of lint rules based on *Effective Dart: Style Guide*

## Common IDE

[Visual Studio Code](#) - a first-class IDE for Flutter. Full debugging, code completion, inspectors. Gotta try Live Share, and Github Copilot

## Themes - Colors, Fonts, Styles



[Flex Color Scheme](#) - a rich and evolving library to traverse the colors, palettes, and styles of Material 3



[Google Fonts](#) - a cross-platform library for easy access to Google's extensive font library - Flutter-ready

## Data Classes



[Build Runner](#) - a command-line code-generation engine used by a wide number of Flutter helper libraries, including ...



[Freezed](#) - a code-generator for data classes, enabling immutable classes, cloning, equality, hashing, to string, and serialization with ...



[JSON Serializable](#) - a code-generator, from Google, that implements "toJson" and "fromJson" methods, very customizable.

## State Management



[Hooks Riverpod](#) - Riverpod state management, service discovery, notifiers, futures, streams, caching - very clean. Includes Flutter Hooks

## Routing

[Go Router](#) - *flutter.dev* - the power of Flutter "Navigation 2.0" without the overhead

## Accessibility & Localization

[Flutter Localization](#), & *intl*, *Semantics* - built in to the base Flutter framework, extended with *intl*, adding earlier is better.

[Localizely.com](#) - a web app that manages the translation workflow for projects, with handy auto-translate capabilities, and exports .arb files

## APIs



[Dio](#) - http client ++, adds configuration, authentication/caching, cancelation, interceptors, etc.

## Local & Secure Storage



[Hive](#) - http client ++, adds configuration, authentication/caching, cancelation, interceptors, etc. Also works with build\_runner

## Backend Database - Polyglot Persistence



[Firebase - Cloud Firestore](#) - cloud document database that works ridiculously easily and powerfully with Flutter

[Firebase CLI](#), [Flutterfire CLI](#) - command-line tools that make configuration and setup / code-generation seamless

## Testing

[Mokito](#) - unit test mocking framework that enables unit testing of otherwise difficult scenarios (e.g. network responses, interactions)

