

Fortnightly

A Flutter sample app based on the Material study Fortnightly (a hypothetical, online newspaper.) It showcases print-quality, custom typography, Material Theming, and text-heavy UI design and layout.

For info on the Fortnightly Material Study, see: <https://material.io/design/material-studies/fortnightly.html>

Goals for this sample

- Help you understand how to customize and layout text.
- Provide you with example code for
 - Text
 - A short app bar (the menu button top left.)
 - Avatar images

Widgets / APIs

- BeveledRectangleBorder
- BoxConstraints on Container
- CircleAvatar
- ExactAssetImage
- Fonts
- SafeArea
- Stack
- SingleChildScrollView
- Text
- TextStyle
- TextTheme

Notice

- Theming is passed as a parameter in the constructor of `MaterialApp` (`theme:`).
- `SafeArea` adds padding around notches and virtual home buttons on screens that have them (like iPhone X+). Here, it protects the `ShortAppBar` from overlapping with the status bar (time) and makes sure the bottom of the newspaper article has padding beneath it if necessary.
- The entire newspaper article is wrapped in a `SingleChildScrollView` widget which ensures that the entire article can be viewed no matter what the screen's size or orientation is.
- The `Text` widget with text '↯' has a `TextStyle` that changes one parameter of an inherited `TextStyle` using `'apply()'`.
- The `Text` widget with text 'Connor Eghan' has a `TextStyle` created explicitly instead of inheriting from theming.

- You can break up long strings in your source files by putting them on multiple lines.
- Fonts are imported with multiple files expressing their weights (Bold, Light, Medium, Regular) but are accessed with a `FontWeight` value like `FontWeight.w800` for Merriweather-Bold.ttf.

Questions/issues

If you have a general question about developing in Flutter, the best places to go are:

- The FlutterDev Google Group
- The Flutter Gitter channel
- StackOverflow