Designing the UI with Widgets

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Overview

- Container
- Text
- Row & Column
- Image
- RaisedButton
- AlertDialog
- Box Constraints
- Size, Margin & Padding
- Flutter CLI

```
flutter create [project_name]
```

Flutter CLI

Creates a new Flutter app from the Command Line Interface

```
flutter doctor
```

Flutter CLI

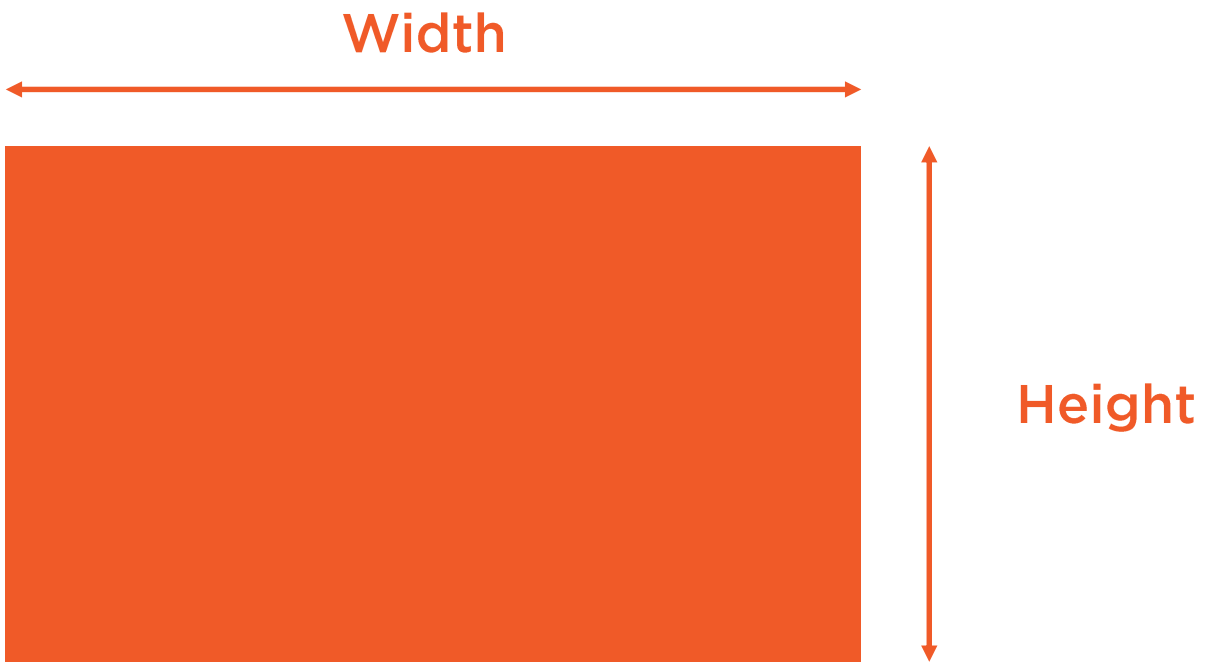
Checks your environment and displays a report to the terminal window

```
CTRL (CMD on a MAC) + C
```

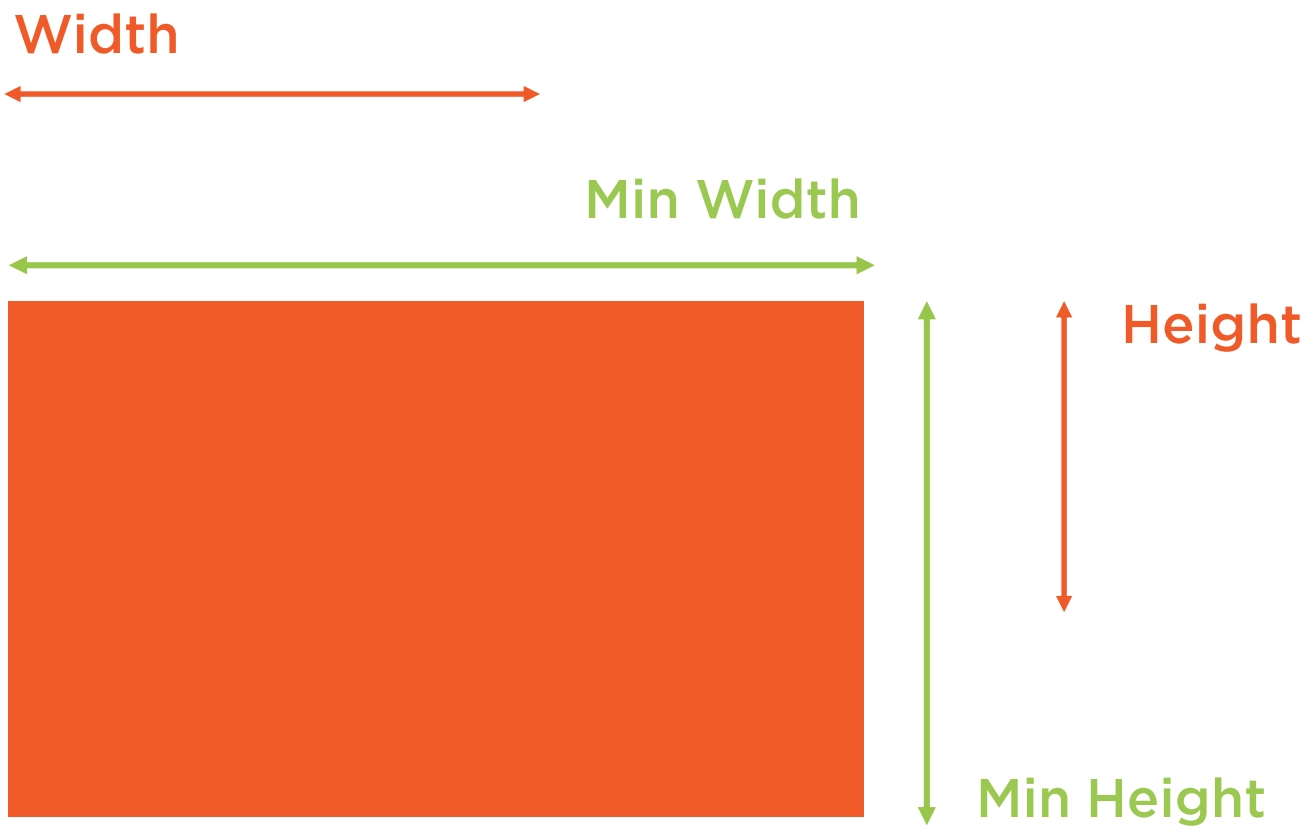
Flutter CLI

Stops the App

Box Size



Box Constraints



Box Constraints

https://flutter.io/layout

```
// This is a comment
```

◀ Single line Comment

```
/* This is another comment, but
it’s a bit longer than the
previous one */
```

◀ Multiline Comment

```
/// Documentation
```

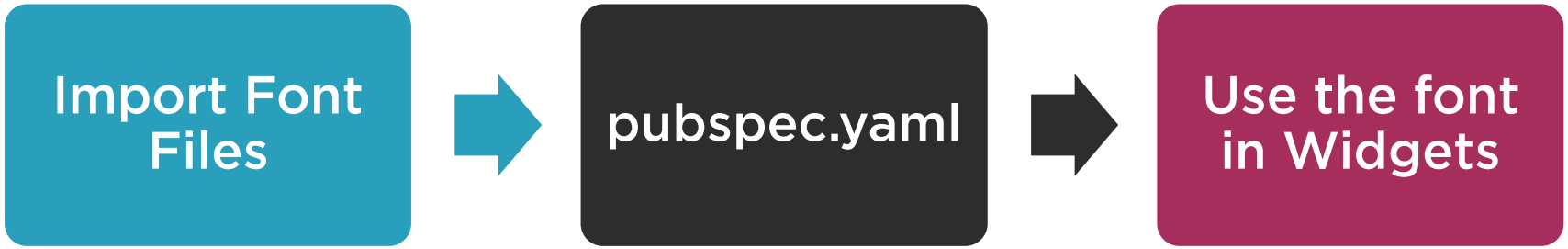
◀ Code Documentation (single line)

```
EdgeInsets.All(16.0)
```

```
EdgeInsets.Only(left:16.0)
```

The Text widget displays a string of text with single style

Using Fonts

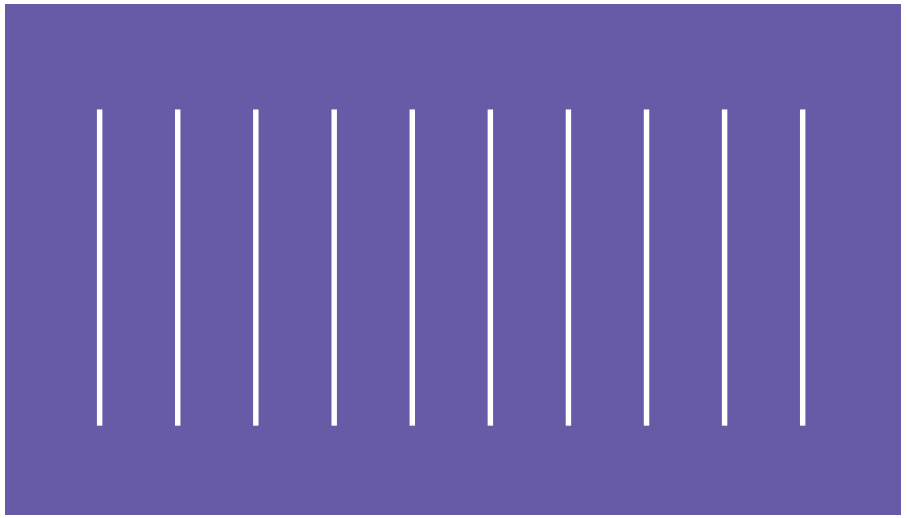


pubspec.yaml

File containing information about project metadata and dependencies

Rows & Columns

Column



Row

Images

Source

- File
- **Assets**
- Network
- Provider
- Memory

Format

- jpg
- png
- gif (animated)
- bmp
- webP (animated)
- WBmp

RaisedButton

Button with an elevation

Summary

Basic Widgets

- Container, Text, Row, Column, Image

Box Constraints

Fonts

Assets

Position

- Margin
- Padding

Pubspec.yaml