

For Android development with Editor

Flutter SDK	https://docs.flutter.dev/get-started/install
Editor	https://docs.flutter.dev/get-started/editor
Easy VSCode IDE setup	https://docs.flutter.dev/get-started/install/linux-android#install-the-flutter-sdk

Create simple app

```
flutter create hello_world
```

Widget Layouts

Available layouts

<https://docs.flutter.dev/ui/widgets/layout>

```
SingleChildScrollView(  
  ...AdditionalWidgetProperties,  
  child: ChildWidget(...)  
)
```

```
MultiChildWidget(  
  ...AdditionalWidgetProperties,  
  children: <Widget>[  
    ChildWidgetOne(...),  
    ChildWidgetTwo(...),  
  ]  
)
```

Navigation

Navigate to route	<code>Navigator.push()</code>
Return to prev route	<code>Navigator.pop()</code>

Sidebar

Docs:

<https://docs.flutter.dev/cookbook/design/drawer>

```
Scaffold(  
  appBar: AppBar(  
    title: const Text('AppBar with hamburger button'),  
  ),  
  drawer: Drawer(  
    child: // Populate the Drawer in the next step.  
  ),  
);
```

Button

Docs:

<https://docs.flutter.dev/ui/widgets/material#actions>

```
ElevatedButton(onPressed: onPressed, child: const Text('Elevated'))
```

Install and manage through git

```
// Clone official Flutter git repository  
git clone https://github.com/flutter/flutter.git  
  
// Checkout the desired Flutter version branch  
cd flutter  
git checkout 3.27.3  
  
// Ensure the version is being installed  
flutter --version  
  
// TODO: add Flutter to PATH
```

Stateless widget

```
class GreenFrog extends StatelessWidget {  
  const GreenFrog({ super.key });  
  @override  
  Widget build(BuildContext context) {  
    return Container(color: const Color(0xFF2DBD3A));  
  }  
}
```



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Stateful widget

```
class YellowBird extends StatefulWidget {
  const YellowBird({ super.key });
  @override
  State<YellowBird> createState() => _YellowBirdState();
}
class _YellowBirdState extends State<YellowBird> {
  @override
  Widget build(BuildContext context) {
    return Container(color: const Color(0xFFFFE306));
  }
}
```

TextField

Docs

<https://docs.flutter.dev/cookbook/forms/text-input>

```
TextField(
  decoration: InputDecoration(
    border: OutlineInputBorder(),
    hintText: 'Enter a search term',
  ),
),
```



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