

Flutter Tutorial 5: Create a New Flutter Project in VS Code

Introduction

In this tutorial, we will learn how to create a new Flutter project using VS Code. VS Code is a lightweight and fast code editor that works smoothly with Flutter.

Prerequisites

- Flutter SDK installed correctly.
- VS Code installed.
- Flutter and Dart extensions installed in VS Code.
- `flutter doctor` shows no major errors.

Step 1: Open VS Code

- Launch VS Code from your system.
- Wait until the editor opens completely.

Step 2: Check Flutter Extension

- Click on the **Extensions** icon on the left sidebar.
- Search for **Flutter**.
- Make sure Flutter and Dart extensions are installed.

Step 3: Create New Flutter Project Using Command Palette

- Press **Ctrl + Shift + P** to open Command Palette.
- Type **Flutter: New Project**.
- Select **Flutter: New Project** option.

Step 4: Select Project Type

- Choose **Application**.

Step 5: Select Project Location

- Choose the folder where you want to save the project.
- Example: Desktop or any development folder.

Step 6: Enter Project Name

- Type your project name (example: my_second_app).
- Press Enter.

VS Code will now create the Flutter project. This may take a few seconds.

Project Structure Overview

After creation, you will see the following important files and folders:

- **lib folder:** Contains main Dart code. The main file is `main.dart`.
- **android folder:** Android-specific files.
- **ios folder:** iOS-specific files.
- **pubspec.yaml:** Used to manage dependencies and project configuration.

Conclusion

Creating a Flutter project in VS Code is simple and fast. You can use either the Command Palette method or the terminal method. After project creation, start coding inside the `lib` folder and build your app step by step.

End of Flutter Tutorial 5