

Extension Methods

Extension methods are methods that are added to existing classes outside the original class declaration. Extensions are usually used to separate pieces of code that might not otherwise belong together. If you see that your class is getting bigger and difficult to manage all the code within it, it is a good idea to break the functionality of that class down into separate areas and extensions.

Further reading:

- [Extension methods - dart.dev](https://dart.dev)
- [Extension methods in Dart - wilsonwilson.dev](https://wilsonwilson.dev)
- [Fluttering Dart: Extension Methods | by Constantin Stan](#)
- [Dart Extensions: Full Introduction and Practical Use Cases](#)
- [Use of Dart extension Methods in existing APIs Class](#)



Examples

```
1 // here we have a class called Person that exposes
2 // two member variables first name and last name
3 class Person {
4   String firstName;
5   String lastName;
6   Person(this.firstName, this.lastName);
7 }
8 // and here we are creating an extension on the
9 // same class using which we expose a getter called
10 // fullName using which we can retrieve the person's
11 // full name
12 extension FullName on Person {
13   String get fullName => '$firstName $lastName';
14 }
```