

# Extensions

Extensions in Dart are ways for you to add new functionality to existing code. Imagine a class that is part of the Dart SDK. This class is already packed with functionality and you may not be comfortable with going inside this class and changing its implementation, even though you technically could. Using extensions you can add functionality to existing bits of code without modifying their original implementation.

Further reading:

- [Extension Methods - dart.dev](https://dart.dev)
- [Dart Extension Methods - QuickBird Studios Blog](#)
- [Dart Extension Methods Fundamentals - Medium](#)
- [Dart Extensions - techLog](#)
- [Dart extension methods - YouTube](#)



## Examples

```
1 // this is a simple class describing a Person
2 // who at the very least has a name
3 class Person {
4   final String name;
5   const Person({required this.name});
6 }
7 // using an extension called Description, on
8 // Person instances, we can extend every Person
9 // instance to have a getter called "description"
10 // that prints information about that instance
11 extension Description on Person {
12   String get description => 'Person, name = $name';
13 }
14 const person = Person(name: 'Foo Bar');
15 print(person.description);
```