

Abstract Classes

An abstract class is by default a class that cannot be instantiated with a constructor since abstract classes cannot have constructors. Abstract classes can have default implementation for their methods though and can have factory methods to make them appear as though they can be instantiated. Use abstract classes to define your high level interfaces and have other classes inherit functionality from abstract classes.

Further reading:

- [Abstract Classes in Dart - GeeksforGeeks](#)
- [Abstract Classes and Abstract Methods in Dart - Medium](#)
- [Dart Abstract Classes - Javatpoint](#)
- [Dart Abstract classes - W3Schools | W3Adda](#)
- [Abstract Classes in Dart Programming - Tutorialspoint](#)



Examples

```
1 abstract class Animal {
2     // this function in this abstract class has default
3     // implementation that doesn't need to be implemented
4     // by every class extending Animal
5     void run() {
6         print('Running');
7     }
8     // but this function will need to be implemented by
9     // classes extending Animal
10    void jump();
11 }
12 class Cat extends Animal {
13     // as shown here
14     @override void jump() { }
15 }
```