

Inheritance: Prevention



Prevention

TODO

```
class Dog extends Animal {  
  // can now access all methods from the class Animal  
  // can also define other fields and methods  
  def bark(): Unit = ...  
  
  override def eat(): Unit = ...  
  
  def eat(homework: Homework): Unit = ...  
}
```

← overriding: a different implementation than the supertype

← overloading: multiple methods with the same name in the same class

Overloading conditions

- (mandatory) different argument list: number of argument and/or different argument type
- (optional, not enough on its own) different return type

Scala rocks

