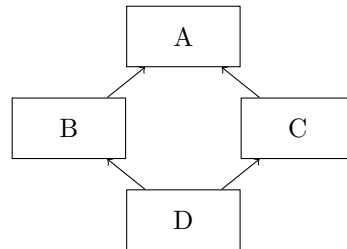


## Diamond problem



### Background

The diamond problem is the problem of method resolution when two classes B and C inherit from a class A and both B and C overrides a method `m()` in A and another class D inherits from B and C without overriding `m()`. Which method body will `D.m()` refer to?

### Problem

Define the traits A, B and C as follows.

```
trait A {  
    def m() = "A"  
}  
trait B extends A {  
    override def m() = "B"  
}  
trait C extends A {  
    override def m() = "C"  
}
```

Now, define a class D that inherits from B and C where the method `m()` refers to the method body in B.