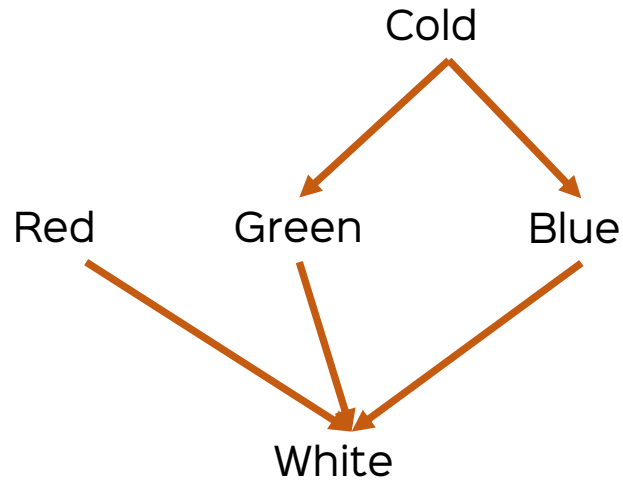


Rocking Inheritance



Who's My Super?



body of Cold

```
Cold = AnyRef with <Cold>
Green
  = Cold with <Green>
  = AnyRef with <Cold> with <Green>
Blue
  = Cold with <Blue>
  = AnyRef with <Cold> with <Blue>
Red = AnyRef with <Red>
```

```
White = Red with Green with Blue with <White>
  = AnyRef with <Red>
    with (AnyRef with <Cold> with <Green>)
    with (AnyRef with <Cold> with <Blue>)
    with <White>

  = AnyRef with <Red> with <Cold> with <Green> with <Blue> with <White>
```

Type linearization

super super super

```
White = AnyRef with <Red> with <Cold> with <Green> with <Blue> with <White>
```



```
trait Cold {  
  def print: Unit =  
    println("cold")  
}  
  
trait Green extends Cold {  
  override def print: Unit = {  
    println("green")  
    super.print  
  }  
}  
  
trait Blue extends Cold {  
  override def print: Unit = {  
    println("blue")  
    super.print  
  }  
}
```

```
class Red {  
  def print: Unit =  
    println("Base2")  
}  
  
class White  
  extends Red with Green with Blue {  
  override def print: Unit = {  
    println("white")  
    super.print  
  }  
}  
/*  
  white  
  blue  
  green  
  cold  
*/
```

Scala rocks

