Software Engineering Design & Construction

Dr. Michael Eichberg
Fachgebiet Softwaretechnik
Technische Universität Darmstadt

Code Snippets from the Lecture

```scala
package code;

class Fixture {

    def bar(): AnyRef = {
        return new Object();
    }

    def foo(): Unit = {
        val v1 = bar()
        val v2 = bar();
        v1.hashCode()
    }
}

class MethodLocalAnalysis{
    case class Value(origin: Int, isNull: Boolean)
}

object Demo{
    val a = new MethodLocalAnalysis
    val v : a.Value = new a.Value(1,true)

    val b = new MethodLocalAnalysis
    // will not compile:
    // val v1 : b.Value = new a.Value(1,true)
}
```