class Simple {
    static int field1;
    static Simple field2;
    static int field3;
    public static void foo() {}
    public static void main(String args[]) {
        int i = args.length;
        int j = 1000027;
        Simple.field1 = i+j;
        Simple.field2 = null;
        Simple.foo();
    }
}

For more info on this tool, see the schedule page and grep for "dumping".

class:  /Users/ckrintz/src/java/cs263/showme/cs263/Simple.class
This Class index = 6
Super Class index = 7
    Class uses the current invokespecial semantics
    Class is package access
Interfaces implemented: (none if 0) 0
Attributes implemented: (none if 0) 1
SourceFile Attribute
    uses index: 20 (name), and 21 (source file name)

Constant Pool: ****************************
Index: 0 is not used and must be set to null (JVM Specification)
Index: 1
    CONSTANT_MethodRef: 1
        Points to CONSTANT_Class index: 7
        AND Points to CONSTANT_NameAndType index: 22
Index: 2
    Integer: value: 1000027
Index: 3
    CONSTANT_FieldRef:
        Points to CONSTANT_Class index: 6
        AND Points to CONSTANT_NameAndType index: 23
Index: 4
    CONSTANT_FieldRef:
        Points to CONSTANT_Class index: 6
        AND Points to CONSTANT_NameAndType index: 24
Index: 5
    CONSTANT_MethodRef: 5
        Points to CONSTANT_Class index: 6
        AND Points to CONSTANT_NameAndType index: 25
CONSTANT_Utf8:  string value: Simple

CONSTANT_Utf8:  string value: java/lang/Object

End of Constant Pool (total size= 226) **************************

Looping thru the fields this class defines (if any)...

Field defined in this class, name index: 8 descriptor index: 9 access flags 8
static

Field defined in this class, name index: 10 descriptor index: 11 access flags 8
static

Field defined in this class, name index: 12 descriptor index: 9 access flags 8
static

Looping thru the methods this class defines (if any)...

Method defined in this class, name index: 13 descriptor index: 14
Attribute list:
Attrib name index: 15
Its a Code Attribute and it has 1 attributes
index: 16
Exception Table for this code attribute has length: 0 (number of try blocks)

Method defined in this class, name index: 17 descriptor index: 14 static
Attribute list:
Attrib name index: 15
Its a Code Attribute and it has 1 attributes
index: 16
Exception Table for this code attribute has length: 0 (number of try blocks)

Method defined in this class, name index: 18 descriptor index: 19
static

Attribute list:
Attrib name index: 15
   Its a Code Attribute and it has 1 attributes
      index: 16
         Exception Table for this code attribute has length: 0 (number
of try blocks)
**************************************************************************

Summary:
classfile: /Users/ckrintz/src/java/cs263/showme/cs263/Simple.class
code length in bytes: 26
sybollic data size in bytes: 306
total size of classfile: 442
total size of All classfiles so far: 442

--------------------------------
javap -c Simple
--------------------------------
Compiled from "Simple.java"
class Simple extends java.lang.Object{
static int field1;
static Simple field2;
static int field3;
Simple();
   Code:
      0:   aload_0
      1:   invokespecial
      4:   return
   #1; //Method java/lang/Object."<init>"():V
public static void foo();
   Code:
      0:   return
public static void main(java.lang.String[]);
   Code:
      0:   aload_0
      1:   arraylength
      2:   istore_1
      3:   ldc     #2; //int 1000027
      5:   istore_2
      6:   iload_1
      7:   iload_2
      8:   iadd
      9:   putstatic
     12:   aconst_null
     13:   putstatic
     16:   invokestatic
     19:   return
}