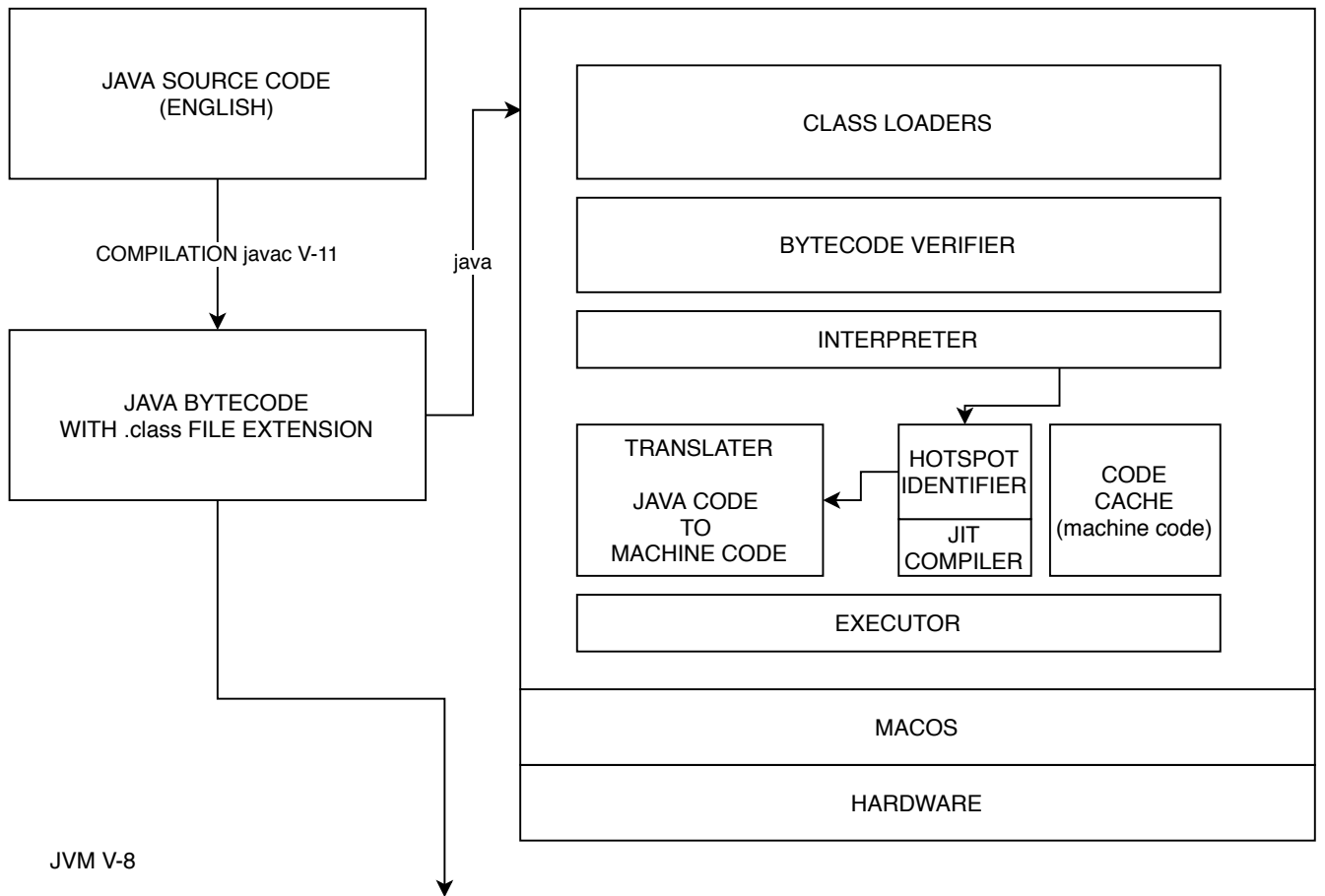
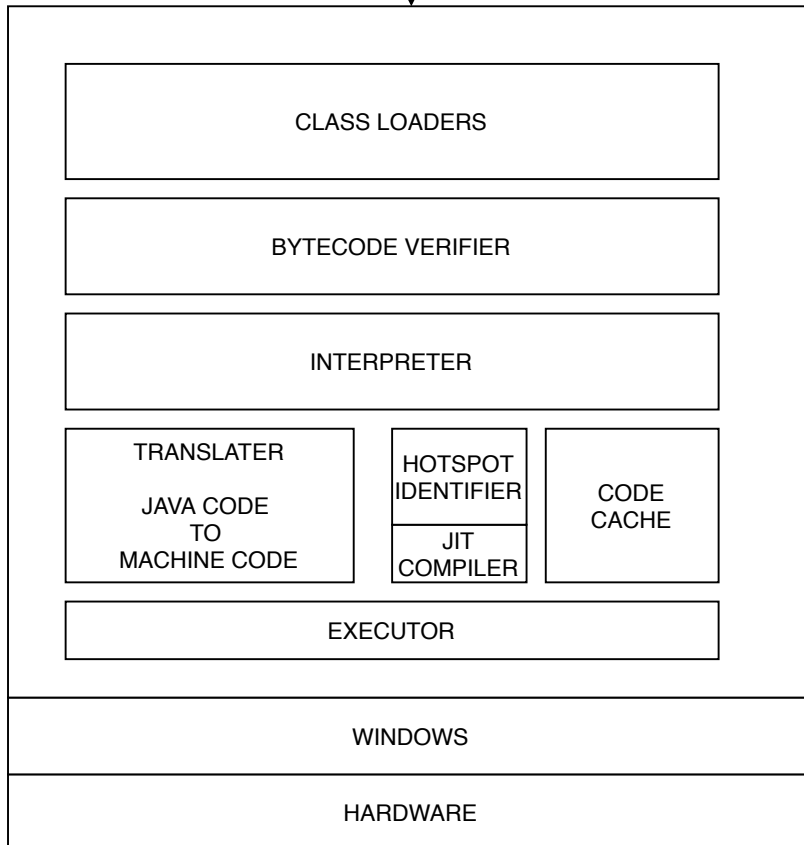


JVM V-8



JVM V-8



Variables:

1. Primitives (value types)
2. References

Primitives:

8 of them, all of them are created using keywords.

1. integer (whole numbers) types
byte (1), short (2), int (4), long (8)
2. real numbers
float (4), double (8)
3. character type
char (2)
4. logical type
boolean (1 bit) - true/false

All primitives also have corresponding wrapper classes:

Byte, Short, Integer, Long
Float, Double
Character
Boolean

References:

Variables created using any of the following:
(anything other than primitives)

1. class
2. interface
3. enum
4. annotation
5. arrays of any type (including primitives)

A reference variable itself occupies 8 bytes (in a 64 bit OS/Java)