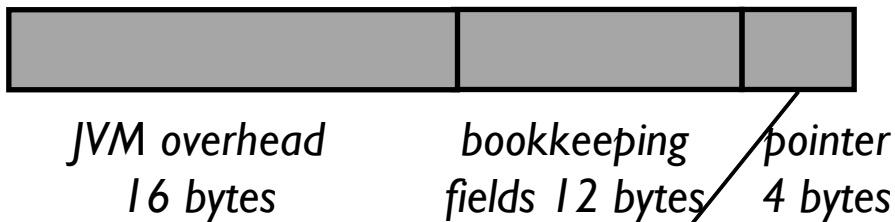8-char String
64 bytes

String

*JVM overhead
16 bytes* *bookkeeping
fields 12 bytes* *pointer
4 bytes*

char[]

chars

*JVM overhead
16 bytes* *data
16 bytes*