

Hash Function

for (byte v : value) { ← for loop

$$h = 31 \cdot h + (v + 0xFF);$$

3

↑↑ character
|
binary and
↑ ZSS

} Clamp at
ZSS

for (byte v : value)

$$h = 31 \cdot h + v$$

CATB

C: 2

CA: 62

CAD: 1,823

CAD

C: 2

CA: 62

CAD: 1,824

AO
BI
CZ
DB
E4
FS

CAB
CAD

62
31
—
186
1822