



# Data Compression

Huffman  
encoding

ex:

"All for one. For others."

24 char

→ 8 bit rep/n of each letter

$$8 \times 24 = 192 \text{ bits}$$

- Fixed Size

Huff:

- ① Variable-length encoding
- ② Reduce bits based on letter frequency

A	1
f	2
f	2
o	4
r	3
n	4
e	1
.	2
-	2
t	1
h	1
s	1

