

Basic

`struct.pack(format, v1, v2, ...)`

`struct.unpack(format, string)`

`struct.pack_into(format, buffer, offset, v1, v2, ...)`

`struct.unpack_from(fmt, buffer[,offset = 0])`

Examples

`pack('hh!', 1, 2, 3)` `b'\x00\x01\x00\x02\x00\x00\x00\x03'`

`unpack('hh!', b'\x00\x01\x00\x02\x00\x00\x00\x03')` `(1, 2, 3)`

Byte Order

`@` native

`=` native

`<` little-endian

`>` big-endian

`!` network (= big-endian)

Format Characters

`c` char 1

`b/B` signed/unsigned char 1

`?` bool 1

`h/H` signed/unsigned short 2

`i/I` signed/unsigned int 4

`l/L` signed/unsigned long 4

`q/Q` signed/unsigned long long 8

`f` float 4

`d` double 8

`s` bytes



By **hmerjay**

cheatography.com/hmerjay/

Published 17th November, 2025.

Last updated 17th November, 2025.

Page 1 of 1.

Sponsored by **Readable.com**

Measure your website readability!

<https://readable.com>