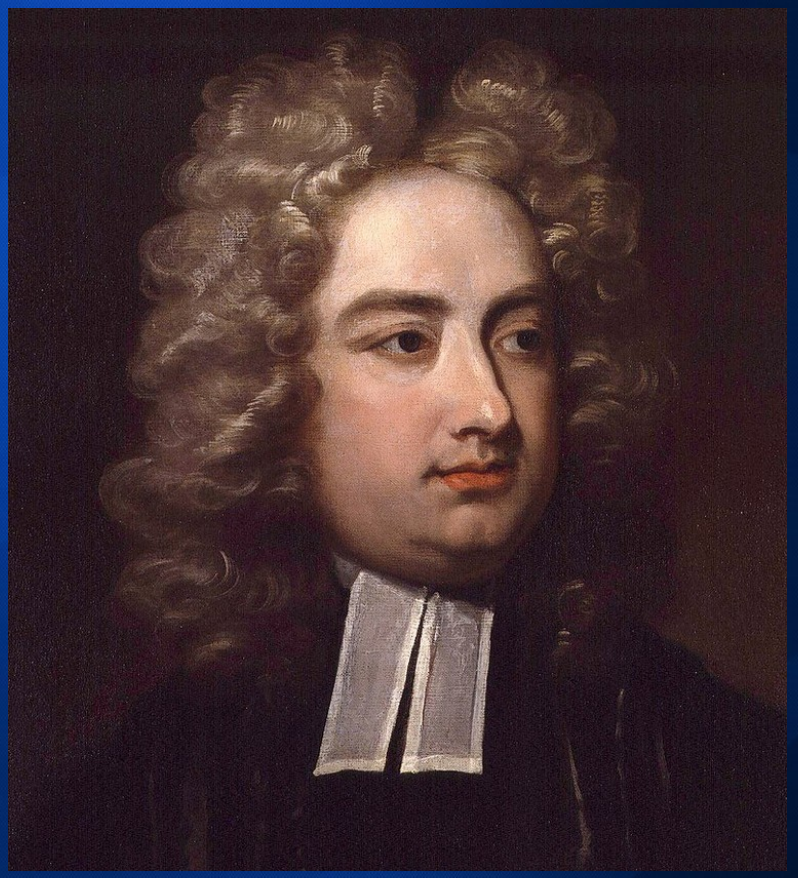
Jonathan Swift was born on 30 November 1667 in Dublin in the Kingdom of Ireland

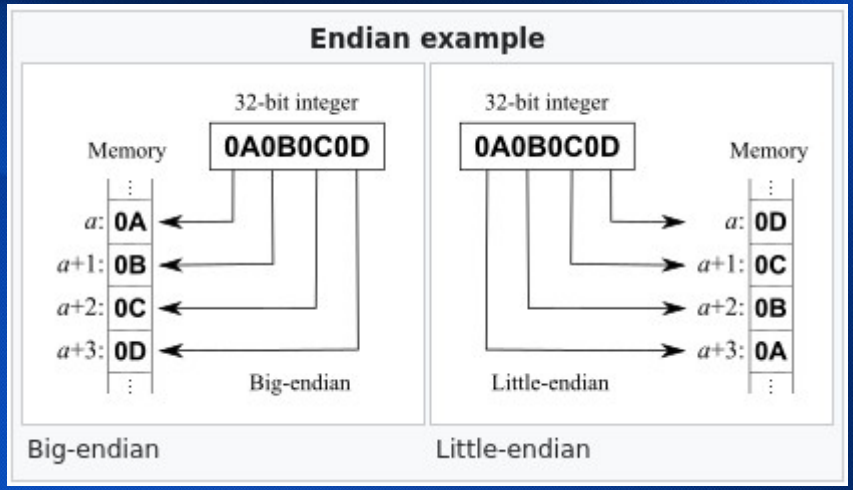
He attended Trinity College Dublin in 1682

Anglican cleric who became Dean of St Patrick's Cathedral, Dublin



Gulliver's Travels, or Travels into Several Remote Nations of the World. In Four Parts. By Lemuel Gulliver, First a Surgeon, and then a Captain of Several Ships is a 1726 prose satire

The adjective endian has its origin in the writings of 18th century Anglo-Irish writer Jonathan Swift. In the 1726 novel Gulliver's Travels, he portrays the conflict between sects of Lilliputians divided into those breaking the shell of a boiled egg from the big end or from the little end.
He called them the Big-Endians and the Little-Endians.



Big-endianness is the dominant ordering in networking protocols, such as in the internet protocol suite, where it is referred to as network order, transmitting the most significant byte first. Conversely, little-endianness is the dominant ordering for processor architectures (x86, most ARM implementations, base RISC-V implementations) and their associated memory.

```
R00=00000000 R01=0a0b0c0d R02=00000000 R03=00000000    3 0000 08109FE5                LDR     r1, =0x0A0B0C0D
R04=00000000 R05=00000000 R06=00000000 R07=00000000    4 0004 08B09FE5                LDR     r11, =0xA1000400
R08=00000000 R09=00000000 R10=00000000 R11=a1000400    5 0008 00108BE5                STR     r1, [r11]
R12=00000000 R13=00000000 R14=00000000 R15=0000000c  > 6 000c FEFFFFEA        stop:   B       stop
PSR=400001d3 -Z--                                      9 0010 0D0C0B0A
                                                       9      000400A1

0xA1000400: 0d 0c 0b 0a 00 00 00 00
0xA1000408: 00 00 00 00 00 00 00 00
0xA1000410: 00 00 00 00 00 00 00 00
0xA1000418: 00 00 00 00 00 00 00 00
0xA1000420: 00 00 00 00 00 00 00 00
0xA1000428: 00 00 00 00 00 00 00 00
0xA1000430: 00 00 00 00 00 00 00 00
0xA1000438: 00 00 00 00 00 00 00 00
QEMU Killed
```

little-endian allows free truncating conversion from a larger integer type to a small one essentially for free.

Little Endian

Little-endian is the default memory format for ARM processors.

The processor contains a configuration pin, BIGEND, that enables you to select either the little-endian or big-endian format.

This configuration pin is sampled on reset. You cannot change endianness when out of reset.