The All Levels are Equal Pattern

given:

   any storage level X in a storage hierarchy

   any data layout, data structure or algorithm Y
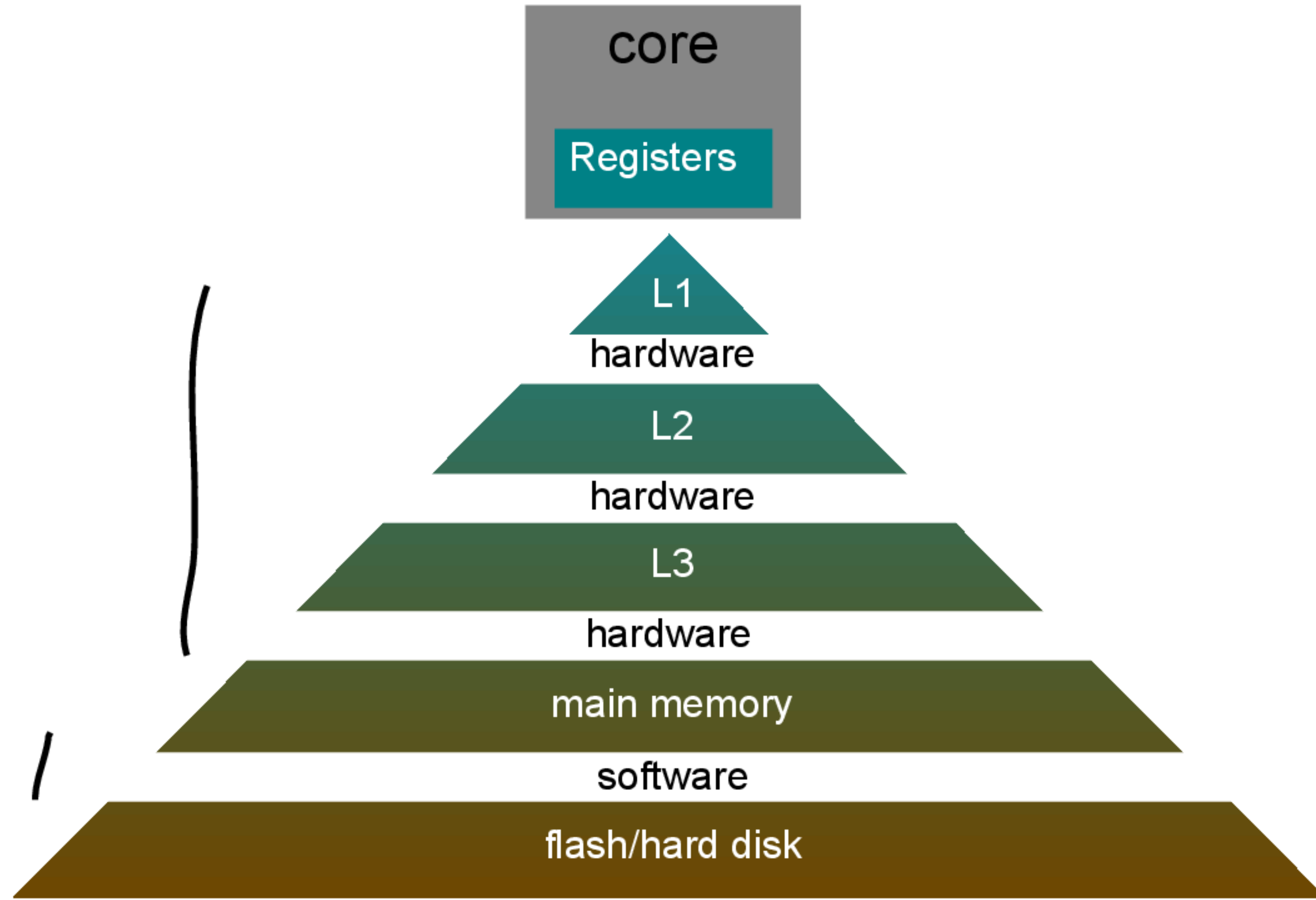
if:

    Y solves a problem on storage level X

then:

   Y is likely to work for other storage levels as well

Examples

core

Registers

L1

hardware

L2

hardware

L3

hardware

main memory

software

flash/hard disk

operating system
database system