

XML  
ordering

null < false < true < number < String

SSD flash memory chips:

Chip > die > plane > block > page/rows > cell

1 or 2 planes	128 or 258 pages	2k 4k 8k 16k
---------------------	------------------------	-----------------------

\*

4<sub>ids</sub> = 0100<sub>(b)</sub> ≠ 0010 !!!

XML

1 single root, multiple ordered sub-elem.  
elements are case-sensitive

File

SSD block: 4kB  
HDFS block: 128MB packet: 64kB

Storage

10000 RPM ⇒  $T_{rot} = 3ms$   
7200 RPM ⇒  $T_{rot} = 4.17ms$