

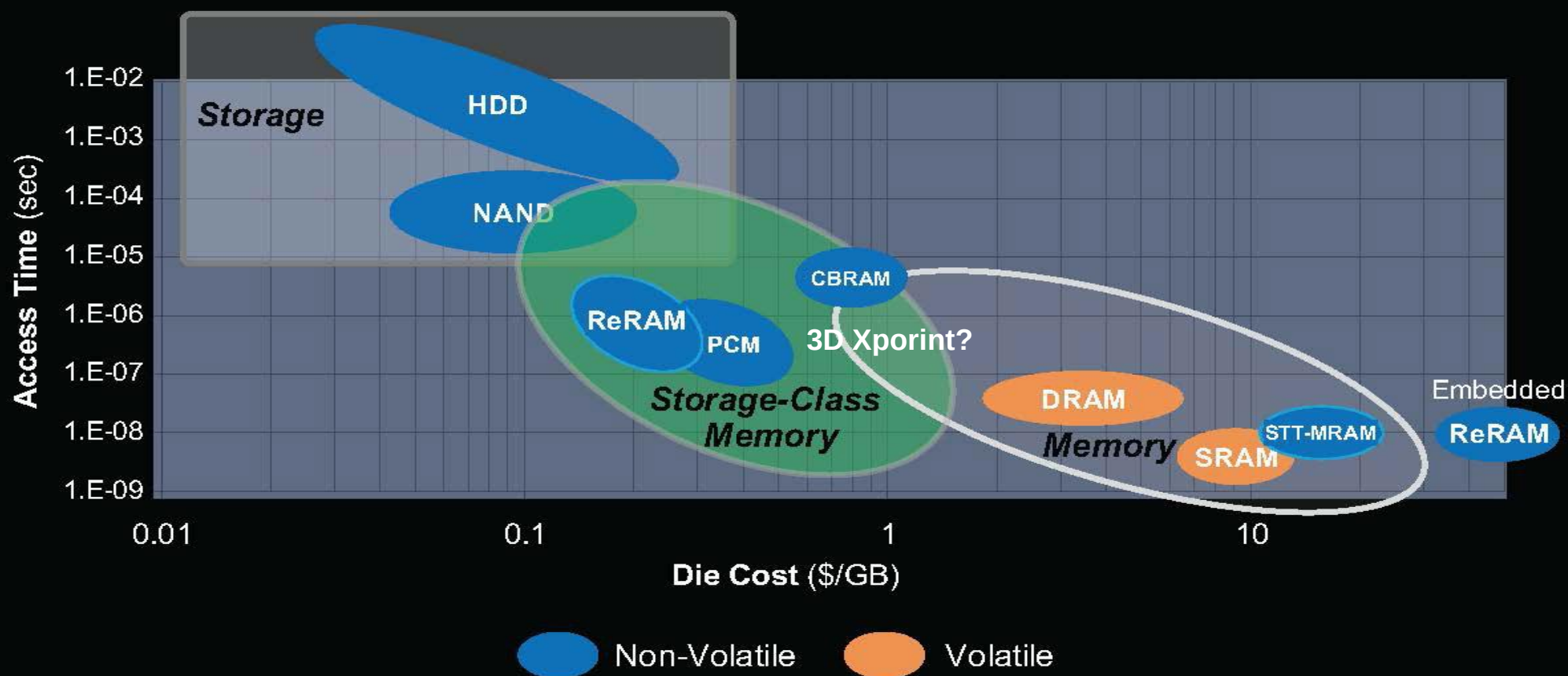
Persistent Memory & Linux Kernel

이현철

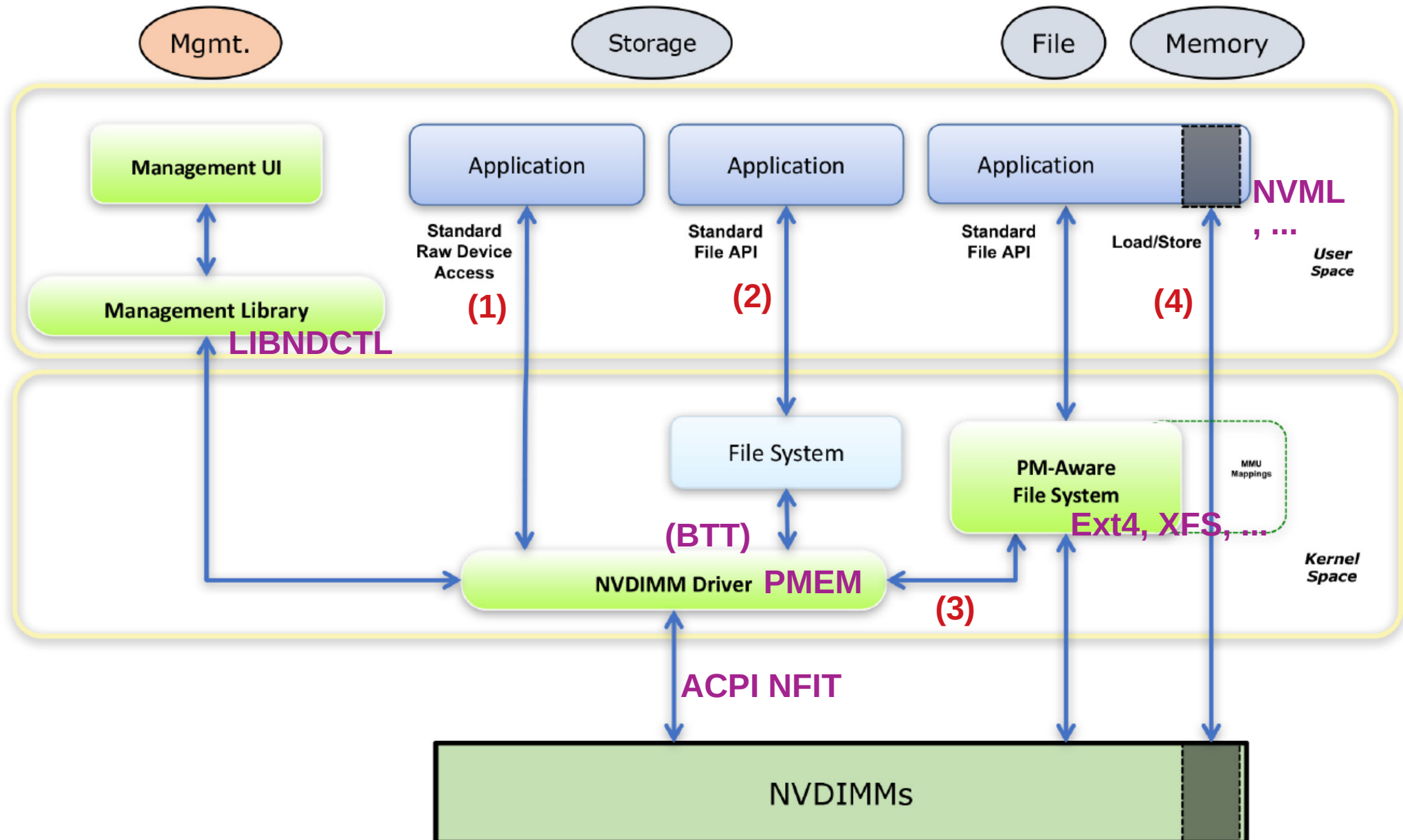
PM(Persistent Memory)

- Non-volatile, Byte-addressable, Load/store access, DRAM-like speed

Memory & Storage Hierarchy



Linux Kernel Architecture for PM programming



References

- Persistent Memory Programming,
https://www.usenix.org/system/files/login/articles/login_summer17_07_rudoff.pdf
- Programming Models for Emerging Non-Volatile Memory Technologies,
https://www.usenix.org/system/files/login/articles/08_rudoff_040-045_final.pdf
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- Analyzing Intel-Micron 3D Xpoint: The Next Generation Non-Volatile Memory, ANANDTECH