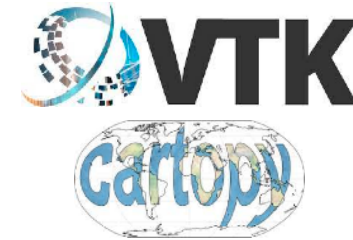
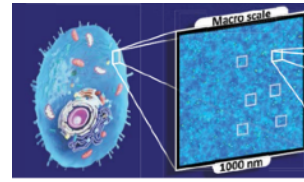
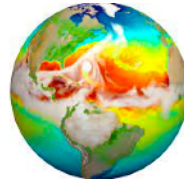
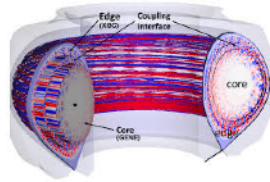
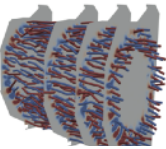


# ProDM User space

FTK



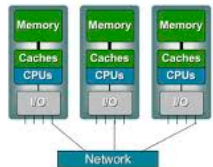
In-situ  
consumer

Producer  
application

Post-hoc  
consumer

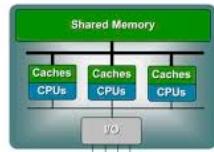


*runtime  
system*



*Shared/distributed  
memory*

Thrust 2: ProDM  
**In-situ** engine



Thrust 1: ProDM  
**data** engine

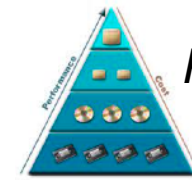


*data*

*Progressive  
formats*

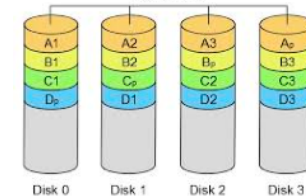


**ProDM Developer  
space**



*Prefetching  
system*

RAID 5



*Storage system*

Thrust 3: ProDM  
**post-hoc** engine

*Data  
sharing*



Amazon S3

