

Cluster computing and Grid environment

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SEE-GRID-SCI

SEE-GRID eInfrastructure for regional eScience











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www.eu-egee.org



 Trivial text editing, Internet services, trivial calculations, programming, process monitoring...

 Extensive numerical simulations, extensive calculations, data mining...



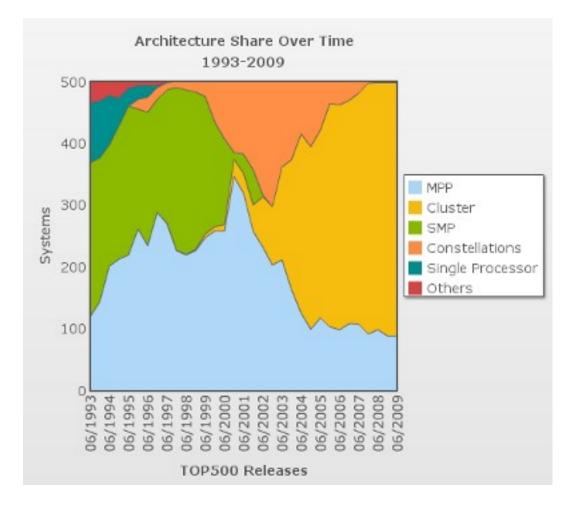


- Single processor
- Symmetric Multiprocessing SMP
- Massive Parallel Processing MPP
- Clusters



Cluster systems on TOP500

Enabling Grids for E-sciencE





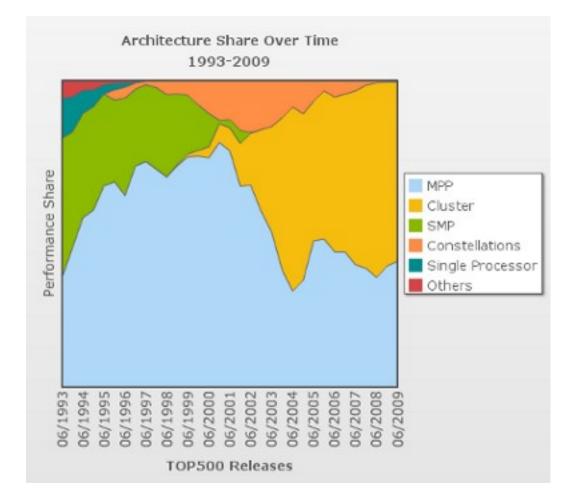
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INFSO-RI-031688 EGEE Grid training for Petnica students of Mathematics and Computing Science, Petnica Science Center, Serbia



Clusters performance on TOP500

Enabling Grids for E-sciencE





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- '90 computer grid as a metaphor to power grid
- SETI@HOME most known grid
- EU leader in grid computing trough EGEE
- Cloud computing

