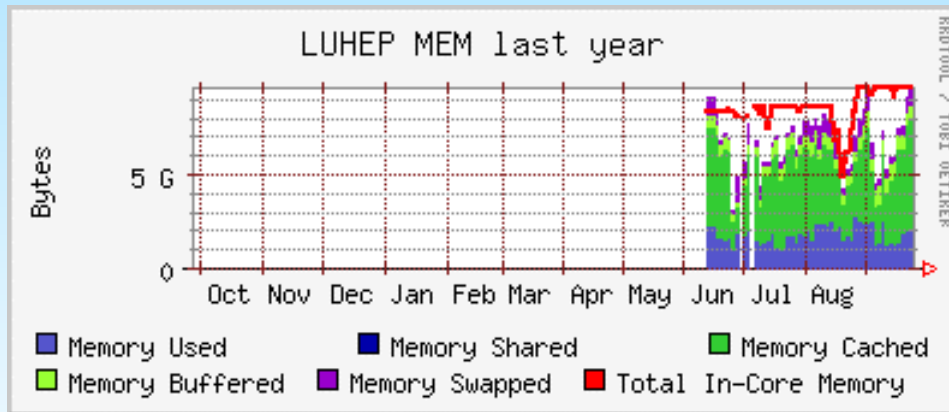
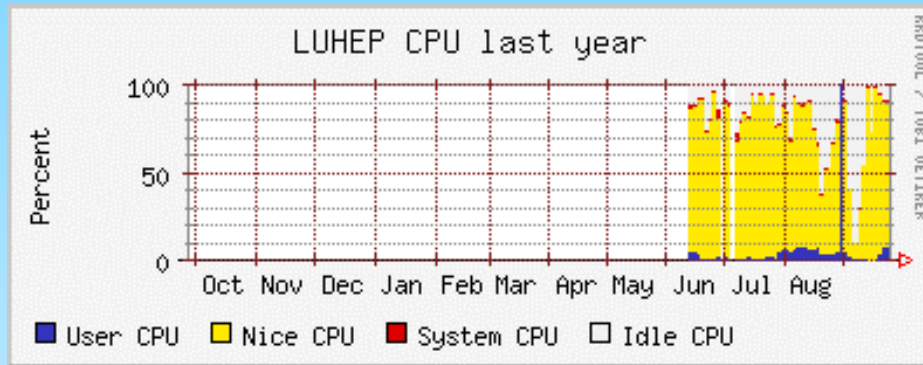


LU Status

Out Of Nowhere...

LU Status



- Farm born mid-June
- Desk top configuration
- >500K events processed

LU Cluster

- At farm initiation
 - 95% CPU power in 4 machines, each Dual P4X 2.2GHz, 1GB RAM, 120GB disk, 100Mbs ethernet
 - University: 3 T1 lines (4.5Mbs)
- Debian GNU/Linux 3.0 distribution
- Luhep sam station

LU Cluster Upgrades

- Beef up 4 workhorses
 - Add 1GB RAM, 160 GB disk, 1000Mbs ethernet
 - Total/machine: 2GB RAM, 280GB disk
- Add gigabit switches
- University to 100Mbs connectivity
- 2 new machines
 - Dual P2 200MHz, 256MB RAM, 4GB disk, 100Mbs
 - P4 3.06GHz, 1GB RAM, 120GB disk, 1000Mbs

LU Cluster Presently

- 7.3GFlops, 96% in 5 machines
- 1.3TB disk space
- Kernel mix: 2.4.18, 2.4.20, 2.4.21
- 1000Mbs internal, 100Mbs external

LU Farm Status

- Gathering broken!
 - Working great with sam v4_2_0 and bbftp
 - Upgrade to sam v5_0 breaks it
- sam_gridftp installed, which installs globus 2.0
- Certificates obtained
 - DOEgrid user & host
 - Fermi sam service
 - Globus user & host (bye bye)

LU Farm Agenda

- Fix gathering
- Upgrade to McFarm 10.03
- Install and activate DØ SAM grid components
- Train undergraduate for operation and maintenance
- Garner more hardware