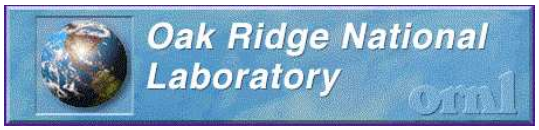
PVM Research FY'96



Development of PVM 3.4

Containing the best research features of FY'95 and '96

Context Allows the development of ''safe'' parallel libraries

Encodings Explore Receiver–Makes–Right heterogeneous data encodings

Thread safety Important feature as popularity of small shared memory computers grows

Name Server Allows the development of tools and servers on top of PVM

Fault Tolerance Checkpointing and task migration of PVM tasks will be investigated

Active Messages Potential feature of future versions of PVM

Security Ability of PVM jobs to authenticated and/or encrypted messages

http://www.epm.ornl.gov/pvm