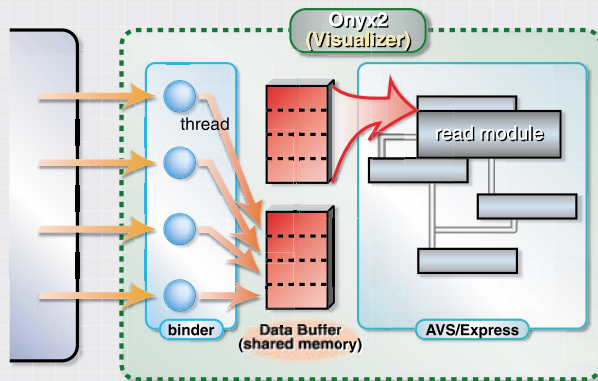




# PAVEMENT/VIZ

## Parallel Visualization Environment for Large Amount Data



- ▶ PAVEMENT/VIZ is a parallelized visualization system on shared memory front-end graphic workstation, which coordinates with MPP to visualize large amount of numerical output based on PAVEMENT/PIO.
- ▶ Multi-threaded parallel visualization software engines like parallel volume rendering module provide high speed visualization environment.
- ▶ PAVEMENT/VIZ is implemented based on AVS/Express for high portability and flexibility.

**Massively Parallel Processor  
CP-PACS  
(2048 PUs, 128 IOUs)**



**Alpha Cluster  
HYADES  
(16 Nodes)**

**Parallel Visualization Server  
SGI Onyx2  
(4 Processors)**



**Parallel File Server  
SGI Origin-2000  
(8 Processors)**

8 links



**Switching  
HUB**



**Parallel  
100Base-TX  
Ethernet**

**Experimental Environment of PAVEMENT  
(Parallel I/O and Visualization Environment)**