Communication Slave - Master

Tile of size 3x3
Slave Process on Cluster 1

Offset
Offset
Offset
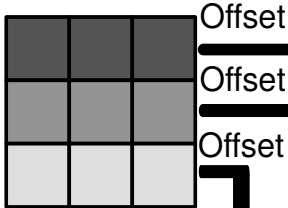
Communication Master - Slave

Tile of size 3x3
Slave Process on Cluster 1

Cluster 1

Cluster 0

Offset
Offset
Offset

Cluster 2

Cluster 3
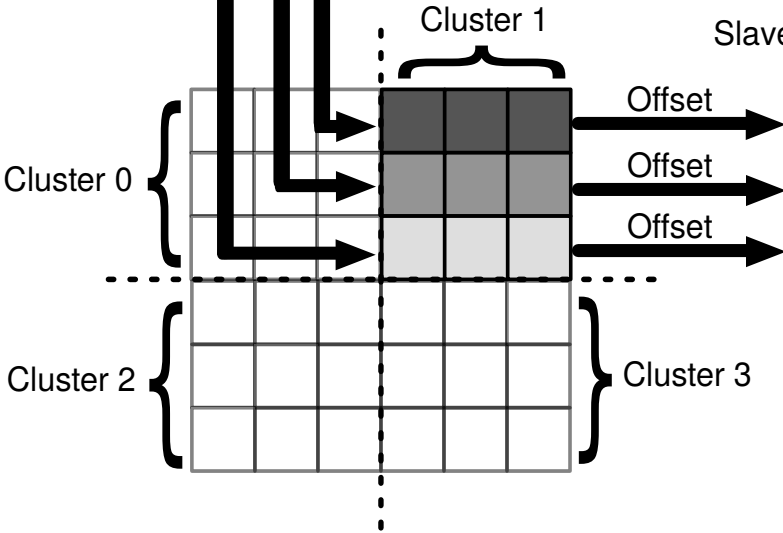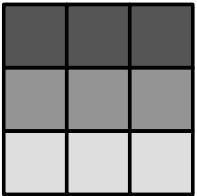
Input 2-dimensional array
Master Process on I/O Subsystem