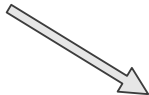


PE 0



shmem_atomic_set (addr, value, PE 1)



PE 1



shmem_wait_until
(addr, SHMEM_CMP_EQ, value)



shmem_wait_until(...)
is completed



shmem_wait_until is a blocking operation therefore it waits until value in *addr* is updated

The *addr* is updated to *value*