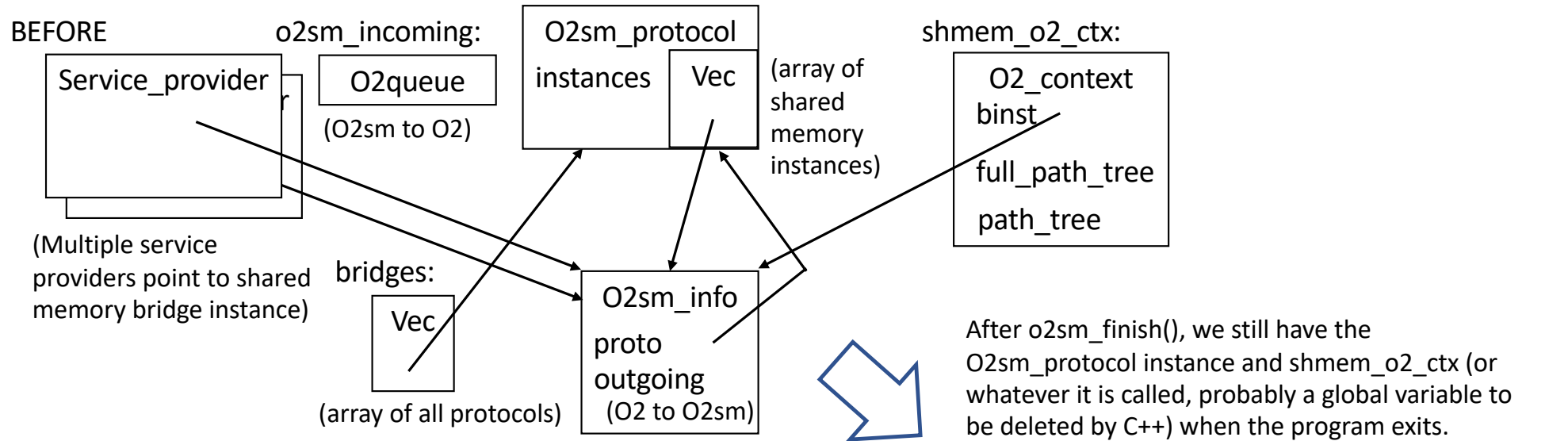


## Shared Memory Bridge Shut-down Analysis



### DELETE WITH O2SM\_FINISH

create msg to /\_o2/o2sm/fin  
(shmem\_o2\_ctx->finish())

binst = NULL

send msg

In o2sm\_fin\_handler:

delete O2sm\_info instance:

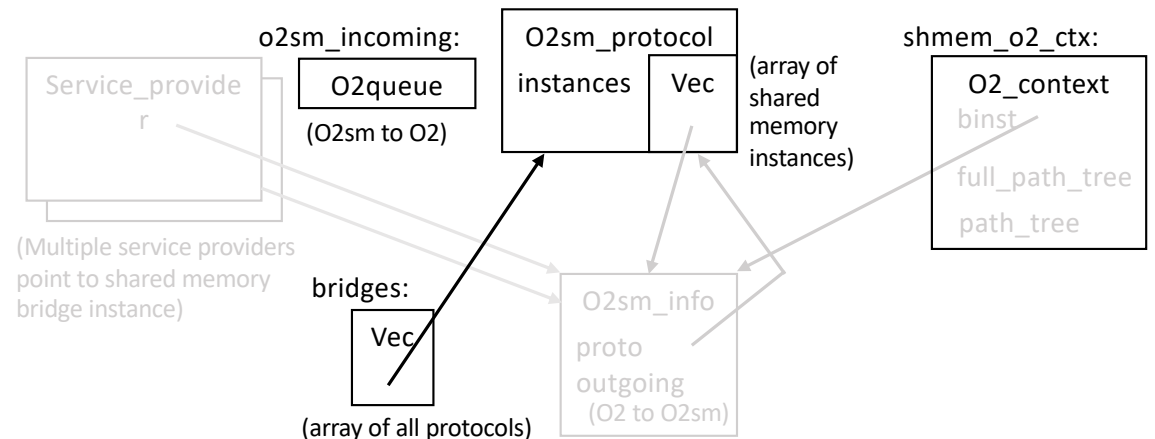
remove services for instance

free any remaining outgoing msgs

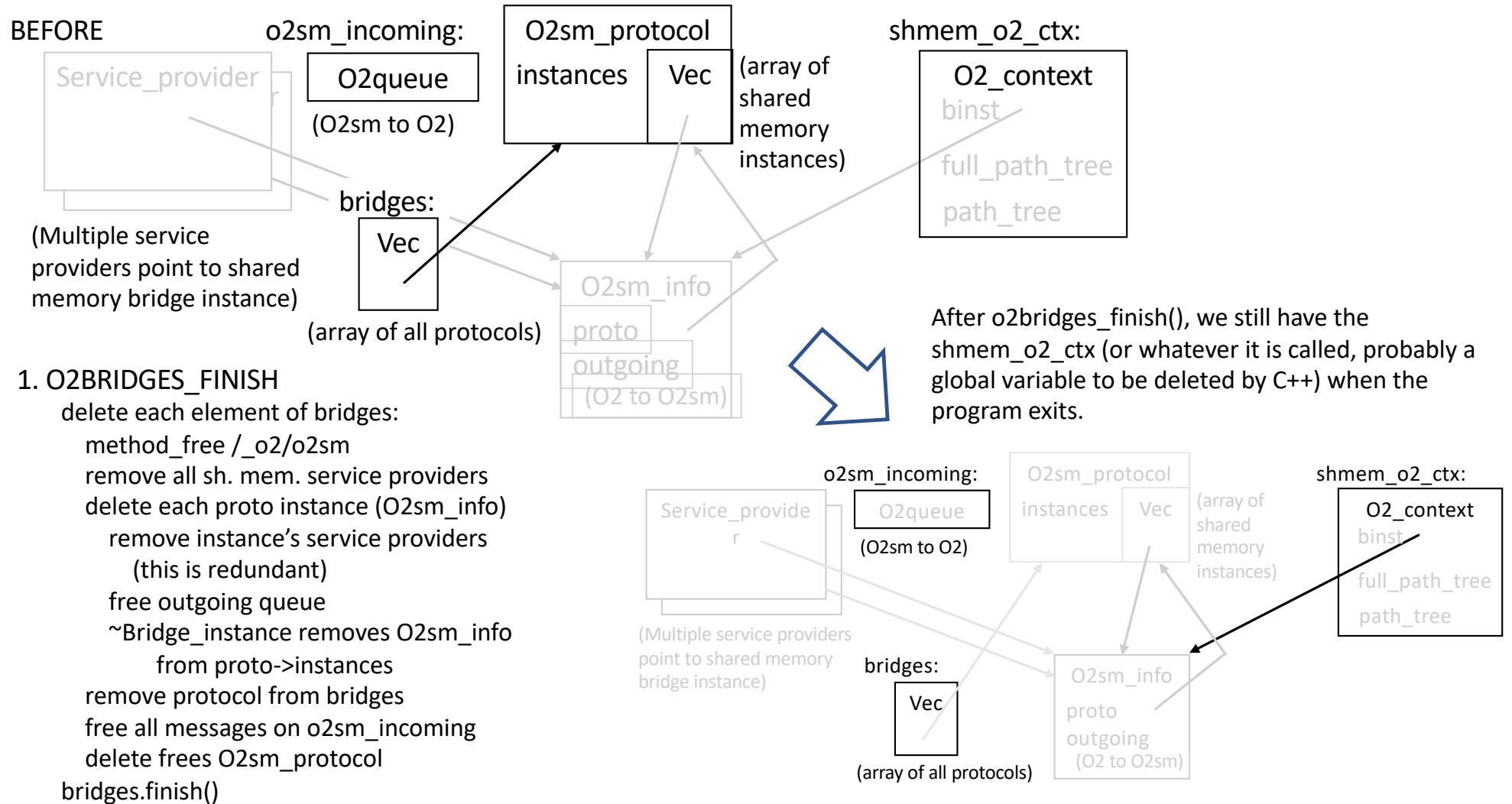
~Bridge\_instance removes O2sm\_info

from proto->instances

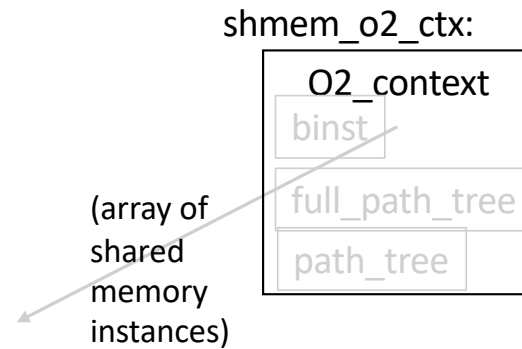
~O2sm\_info frees the instance



## Shared Memory Bridge Shut-down Analysis



## Shared Memory Bridge Shut-down Analysis



### 1. EXIT PROGRAM

If shmem\_o2\_ctx is static, C++ calls ~O2\_context, which will delete some Vecs, full\_path\_table and path\_tree. Hash\_node delete calls Hash\_node finish, but these were already “finished” by o2sm\_finish which called shmem\_o2\_ctx->finish(), so nothing else will be done.