

Endpoints Open Items

Core proposal:

1. Communicator/group comparison
2. Endpoints have “process-like” behavior
 - Needs to be distinguished (e.g. endpoints don’t call finalize)
 - New wording like “endpoint processes”, similar in concept/application to connected processes

Essential expansions on core proposal:

1. MPI_Icomm_free to allow non-thread-multiple usage
 - Doesn’t work because attribute deletion callbacks can invoke blocking collectives
2. Address space sharing query function
 - Do MPI processes exist in same address space
3. Endpoints threading levels
 - Info hints and/or extend definition of threading levels