

RMA WG Readings

MPI Forum
May 24, 2022



Overview

- [407](#): Adjust RMA Chapter to New Terms
- [553](#): Add missing win-sync calls to Example 12.21
- [551](#): MPI_Win_free is synchronizing, except when it isn't
- [429](#): Replace 'operation' with 'operator' where appropriate
- [554](#): Both MPI_WIN_ALLOCATE and MPI_WIN_ALLOCATE_SHARED allocate memory

Semantic Terms Changes

- Call/function → Procedure & distinction of operations
- “Call blocks” → “Return of call is delayed”
- Usage of “complete”
- Allocation functions return handles to windows
- Collectivity over groups
- Local/Remote completion → Completion at origin/target
- Synchronizing procedure calls
- “Local” procedures
- Ranks relative to groups
- Issued calls → Initiated operations