

Glossary

Motivation

- To promote precise usage of MPI concepts and specialized terms.
- To provide a convenient mechanism to learn MPI nomenclature (especially for new users).
- To help ensure consistency in use of functions, operations, etc.

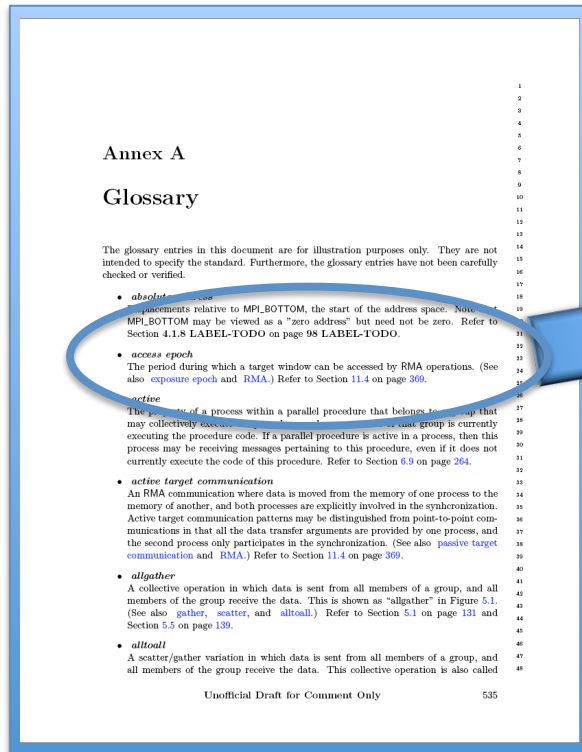
Status

- Terry Jones (trj@ornl.gov) has agreed to be organizer
- Currently 128 words, 19 pages (glossary.4.tex)
- Two files touched:
 - mpi-report.tex (add “\include{glossary}”)
 - new glossary.tex file
- Current version due to: Terry Jones, Darius Buntinas, David Solt, Bill Gropp, Torsten Hoefler, Rolf Rabenseifner, Jesper Larsson Traff

Inclusion Criteria

- The term is associated with current MPI-3 version.
- The term is used at least once in the document.
- The term is well defined and has a clear context.
- Terms that are used in different ways in the MPI-3 spec will have multiple entries.
- Restatement of definitions found within the specification are allowed.
- Motivation is included within the definition when helpful.
- General terms used in accordance with the standard definition are included when deemed important to MPI-3 (e.g., thread safe).

Sample Entry



- Definition matches specification
- Hyperlinks to related words
- Hyperlinks to section of specification

- *access epoch*

The period during which a target window can be accessed by RMA operations. (See also [exposure epoch](#) and [RMA](#).) Refer to Section [11.4](#) on page [369](#).

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Issues

- Right Inclusion Criteria?
- Currently “procedure” is used. Would “operation” (or in some cases “function”) be preferred?
 - Note: all of these are used in the Standard.
- Some entries provide tutorial-like motivation. Is this desirable? Whatever is decided should be applied consistently.