

Report of Japanese Translation of MPI 2.2

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Japanese Translation Project

- decided by Yutaka Ishikawa
- by RIKEN volunteers (6)
- working on MPI 2.2 (the K supports)
 - and MPI 3.X
- will be released by the end of this summer
 - from April, 2015
 - 50% is done

Feedback -1/5

- page 266, line 32-34 (in MPI 3.1 draft)
 - 6.7.1 Functionality
 - Attributes can be attached to communicators, windows, and datatypes. Attributes are local to the process and specific to the communicator, windows, and datatypes to which they are attached.

Feedback-2/5

- page 483, line 22-24 (in MPI 3.1 draft)
Rationale. The number of elements is set instead of the count because the former can deal with a nonintegral number of datatypes. (End of rationale.)

- Give me an example

Feedback-3/5

- page 377, line 31 (in MPI 3.1 draft)
 - The set {mi} does not necessarily include the value `maxprocs`. If an implementation is able to spawn one of these allowed numbers of processes, MPI_COMM_SPAWN returns successfully and the number of spawned processes, m, is given by the size of the remote group of intercomm. If m is less than `maxproc[s]`, reasons why the other processes were not spawned are given

Feedback-4/5

- page 377. line 35-37 (in MPI 3.1 draft)
 - The type faces of “soft” and “hard” are inconsistent.

A spawn call with the default behavior is called *hard*. A spawn call for which fewer than `maxprocs` processes may be returned is called *soft*. See Section [10.3.4](#) for more information on the `soft` key for info.

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Feedback-5/5

- page 378, line 4 (in MPI 3.1 draft)
 - For the **SPAWN** calls, info provides additional (and possibly implementation-dependent) instructions to MPI and the runtime system on how to start processes.
 - “SPAWN” -> “MPI_Comm_spawn and MPI_Comm_spawn_multiple”

- may continue...