YAXT - Feature #315

new constructor xt_redist_repeat

03/08/2013 05:14 PM - Joerg Behrens

 Status:
 Closed
 Start date:
 03/08/2013

 Priority:
 Normal
 Due date:

 Assignee:
 % Done:
 0%

 Category:
 Estimated time:
 0:00 hour

 Target version:

Description

new constructor for simple static repetition of the same redist (much simpler version of xt_redist_collection_static_new)

Xt redist

xt_redist_repetition_new(Xt_redist redist, unsigned num_repetitions,

MPI_Aint displacements[num_repetitions]);

//hint: use xt_mpi_generate_datatype from xt_mpi.c

//hint: write easy to read doc

History

#1 - 04/09/2013 11:36 AM - Joerg Behrens

We need more information from the caller in order to build a new redist:

byte-extent that scales the given displacements (now as int*)

E.g., this could be the layer-size of the user data in a 2dim. decomposition.

Xt_redist

xt_redist_repetition_new(Xt_redist redist, MPI_Aint extent, unsigned num_repetitions, int displacements[num_repetitions]);

#2 - 04/10/2013 04:58 PM - Moritz Hanke

- Status changed from New to Closed

is now implemented

04/03/2025 1/1