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