

YAXT - Task #332

allow empty messages in exchange routines

07/31/2014 02:42 PM - Joerg Behrens

Status:	Closed	Start date:	07/31/2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
redists should be able to pass empty messages (struct Xt_redist_msg; with datatype = MPI_DATATYPE_NULL and rank = -1) to exchange routines.			
These messages are just "place-holders" and should not trigger an actual exchange.			
This should result in simple but general exchange routines that supports various message orders.			

History

#1 - 08/08/2014 04:30 PM - Moritz Hanke

- Status changed from New to Closed

Instead of allowing empty message I introduced a new datatype: xt_exchange. It stores the information required to do the exchange and optimises it. Depending on the optimisation, the required information can be stored accordingly. This way no empty messages are needed.