

YAXT - Bug # 331

Status:	New	Priority:	Normal
Author:	Thomas Jahns	Category:	
Created:	07/31/2014	Assignee:	
Updated:	08/04/2014	Due date:	
Subject:	Make xt_xmap_distdir work when less data than expected gets packed		
Description			
<p>commit:daacfe17cb9124f4f0f3763858cc94ff666efb4a fixes a problem in xmap_all2all that is also present in the distributed directory variant: if the get_pack_size method of an index list returns a value that is larger than the actual advance of position that happens due to the pack method, distdir fails.</p> <p>Steps to reproduce: simply add one to the MPI_Packsize count argument of e.g. source:src/xt_idxvec.c#L369</p>			

History

#1 - 07/31/2014 10:39 am - Thomas Jahns

As a corollary it would be nice to extend the individual index list class tests to check that get_pack_size and the position advancement that results from pack are identical.

#2 - 08/04/2014 11:31 am - Thomas Jahns

- % Done changed from 0 to 30

It has turned out that consolidating the get_pack_size/pack/unpack methods test in one place (commit:414899864f) and adding tests for the sizes (commit:42fe96747a) is sufficient to get the minor part of this issue done.