

## YAXT - Bug #331

### Make xt\_xmap\_distdir work when less data than expected gets packed

07/31/2014 10:37 AM - Thomas Jahns

<b>Status:</b>	New	<b>Start date:</b>	07/31/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	30%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>			
<b>Description</b>			
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.			
Steps to reproduce: simply add one to the MPI_Packsize count argument of e.g. source:src/xt_idxvec.c#L369			

### 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.