

## YAXT - Feature #310

### new xmap constructor: xt\_xmap\_dist\_dir\_dim\_new

11/26/2012 04:15 PM - Joerg Behrens

<b>Status:</b>	New	<b>Start date:</b>	11/26/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>The implementation should use the routine <code>xt_idxlist_get_bounding_box</code> (see issue <a href="#">#309</a>) in order to efficiently preselect intersection candidates coming from the distributed directory bucket lattice for later intersection computation.</p>			
<pre>Xt_xmap xt_xmap_dist_dir_dim_new(Xt_idxlist src_idxlist, Xt_idxlist dst_idxlist,                                 int ndim, Xt_int global_size[ndim],                                 Xt_idx global_start_index, MPI_Comm comm);</pre>			