

## YAXT - Feature #317

### support for in-place redistributions

03/11/2013 04:25 PM - Thomas Jahns

<b>Status:</b>	New	<b>Start date:</b>	03/11/2013
<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>			
Redistributions should also work when input and output arrays are the same object. This needs the following improvements:			
<ul style="list-style-type: none"><li>• Detect indices specified in redist construction that have same offsets in input and output on local task.</li><li>• Remove these indices from copy operation, this requires semantics for idxlist element removal (in sync with offset lists).</li><li>• Detect in-place case from array arguments and use buffered send or something similar for communication to prevent overwriting of indices also sent to other processes.</li></ul>			