

YAXT - Feature # 317

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| Status: | New | Priority: | Normal |
| Author: | Thomas Jahns | Category: | |
| Created: | 03/11/2013 | Assignee: | |
| Updated: | 03/11/2013 | Due date: | |

Subject: support for in-place redistributions

Description

Redistributions should also work when input and output arrays are the same object. This needs the following improvements:

- Detect indices specified in redist construction that have same offsets in input and output on local task.
- Remove these indices from copy operation, this requires semantics for idxlist element removal (in sync with offset lists).
- 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.

History
