YAXT - Feature #301

support for elemental post-processing

03/27/2012 11:25 AM - Joerg Behrens

Status:	New		**Start date:**	03/27/2012
Priority:	Low		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0:00 hour
Target version:				

Description

Depending on the special features of the global index space (map to physical space, incomplete subspaces) it would be nice to have elemental post-processing.

Optional features:

- Assign an undef value (given by the user) to points that could not be assigned during the transfer (instead of making this a fatal error). The user should also be able to query the number of local undef values. This is of general interest.

- Accept a sign change property of *pairs* of global index points - this allows us to correctly transform directed physical quantities if the map to physical space includes point symmetries. This is really special but has one important use case: MPIOM.