

ScalES-PPM - Feature # 322

Status:	New	Priority:	Low
Author:	Thomas Jahns	Category:	
Created:	07/02/2013	Assignee:	
Updated:	07/02/2013	Due date:	
Subject:	Add general MPI datatype-based access to distributed multi-array		
Description			
<p>The multi-array could provide access to types not directly supported via an interface that looks like this:</p> <pre>subroutine dist_mult_array_get_cache_val_mpidt(dm_array, sub_array_idx, & cache_idx, coord, v) TYPE(dist_mult_array), INTENT(in) :: dm_array INTEGER, INTENT(in) :: sub_array_idx, cache_idx INTEGER, INTENT(in) :: coord(:) TYPE(C_PTR) :: v</pre> <p>and write to v via MPI_Sendrecv on MPI_Comm_self.</p>			

History

#1 - 07/02/2013 01:35 pm - Thomas Jahns

- Description updated

#2 - 07/02/2013 01:36 pm - Thomas Jahns

- Description updated