

Child		Parent
Initialising Phase	MMD_get_model_communicator	MMD_P_ALLOCATE_CHILD
	MMD_C_Init	MMD_P_Init
	MMDc_C_Init	MMDc_P_Init
	MMD_C_Get_DataArray_Name	MMD_P_Set_DataArray_Name
		MMD_P_Set_DataArray_EndList
	MMD_C_Set_DataArray_Name	MMD_P_Get_DataArray_Name
	MMD_C_Set_DataArray_EndList	
	MMD_C_GetNextParentArray	
	MMD_testC_Setup	
	MMD_C_Set_ParentIndexlist	MMD_P_Get_ParentIndexList
	MMD_C_GetNextParentArray	
	MMD_C_Set_ParDataArray	
		MMD_testP_Setup
		MMD_testP_Fill
	MMD_C_Get_Indexlist	MMD_P_Set_Indexlist
		MMD_testP_FinishFill
	MMD_C_Get_Repr	
	MMD_testC_GetTestPtr	
	MMD_C_GetNextArray	MMD_P_GetNextArray
	MMD_C_Set_DataArray	MMD_P_Send_Repr
Time Loop		MMD_testP_GetTestPtr
		MMD_P_Set_DataArray
		MMD_P_GetParentNextArray
		MMD_P_Set_ParentDataArray
	MMD_C_SetInd_and_AllocMem	MMD_P_SetInd_and_AllocMem
	MMDc_C_SetInd_and_Mem	MMDc_P_SetInd_and_Mem
	MMD_C_GetBuffer	MMD_P_FillBuffer
	MMDc_C_GetBuffer (MMD_testC_Compare)	MMDc_P_FillBuffer
		MMDc_P_BufferFull
Final Phase	MMD_C_FillBuffer	MMD_P_GetBuffer
	MMDc_C_FillBuffer	MMDc_P_GetBuffer
	MMD_testC_FreeMem	MMD_testP_FreeMem
	MMD_C_FreeMem	MMD_P_FreeMem
	MMD_FreeMem_communicator	