

Data Dependent Task Scheduler Working Group



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Current Status

- WG has been approved by ET
- No regular call as yet
- Basic implementation for Carpet without refinement
 - Automatic ghost zone synchronization
 - Automatic boundary application
- Many thorns modified to use the new system
- Current thornlist stored at:
<https://github.com/SamuelCupp/PreSync.git>



Milestones



- September 2017
 - Introduced new macros for PreSync, i.e. `DECLARE_CCTK_ARGUMENTS_MyFunc` instead of simply `DECLARE_CCTK_ARGUMENTS`
- October 2017
 - Boundary2 successfully integrated with PreSync
 - Symmetry BCs work with PreSync
 - ML_BSSN works with PreSync
- March 2018
 - PreSync/Boundary2 now work with checkpointing/restart