

Master_Post_Data (MP[*]) – Local to events_mod.f90

Stage_Number, Master_Image, Compute_Image, Task_Number, Process_Name

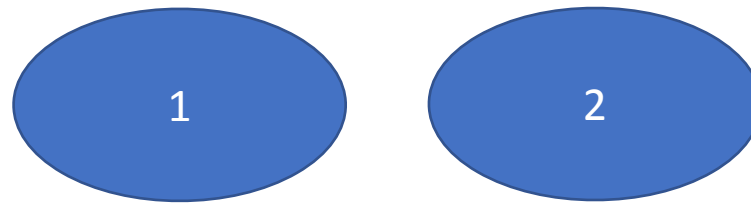
Task_Data (TD(total_tasks)) – Main Program

Stage, number_dependant_tasks, Process_Name, READY, RUN, DONE, Dependant_Tasks(:), Task_Done(:)

Depend_Data (DD(:)) – Main Program (Not needed once Task_Data is filled)

dep_type, Process_Name, Stage, tasks_per_stage, Preq_Stage, number_preq_items, Preq_Items(:, :)

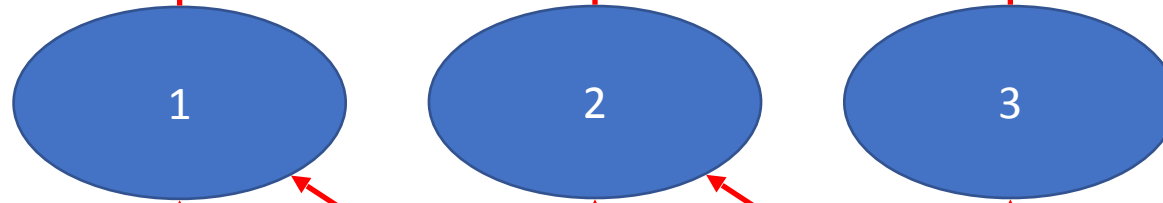
Stage 1:



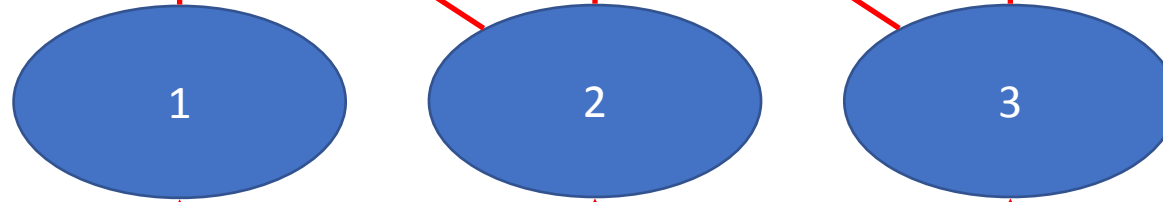
Stage 2:



Stage 3:



Stage 4:



Stage 5:

