

Stage-1-10

Rearrange driver of CAM

Ideal engineering time: 3 days

Rearrange cam driver into sequential CCSM driver and CAM CCSM driver. Change names of surface models to: camcsim_comp, camdom_comp, camsom_comp

Make sure each falls into the CCSM/ESMF Stage-1 design hierarchy.

- Change surface component models to these names:

- cam_comp

- camcsim_comp

- camdom_comp

- camsom_comp

- Create 1-stage initialization, 2-stage run, and 1-stage finalization method from cam.F90 that just includes the CAM atmosphere.