| 1: St | ubroutine meridional_advection | |
|--|---|---|
| 2: | Starts ratio exchange for ghost cells | |
| 3: 4: 5: 6: 7: 8: 9: 10: 11: 12: 13: 14: 15: | Compute zonal gradient on the interior Wait for end of communications Compute zonal gradient on the boundary Starts zonal gradient exchange for ghost cells Compute meridional gradient on the interior Wait for end of communications Compute meridional gradient on the boundary Starts meridional gradient exchange for ghost cells Compute meridional fluxes on the interior Wait for end of communications Compute meridional fluxes on the boundary | 1: subroutine zonal_advection 2: Starts ratio exchange for ghost cells 3: Compute zonal gradient on the interior 4: Wait for end of communications 5: Compute zonal gradient on the boundary 6: 7: Starts zonal gradient exchange for ghost cells 8: Compute zonal fluxes on the interior 9: Wait for end of communications 10: Compute zonal fluxes on the boundary 11: 12: Update all ratios 13: end subroutine |
| 17: | Update all ratios nd subroutine | |
| | | |