What to include to capture a Rayleigh simulation (minimal)

11/14/2023

For each simulation in a suite, make a folder with appropriate name:

Within that folder, put:

1. main\_input
2. equation\_coefficients
3. grid\_info
4. jobinfo.txt
5. Checkpoints/last\_checkpoint\_folder
6. “custom\_reference\_binary” (if any)
7. [all data folders]/last output file
8. data/:
   1. G\_Avgs trace (multiple domains for tachocline models)
   2. time-averaged averaged over equilibration:
      1. AZ\_Avgs
      2. Shell\_Avgs
      3. G\_Avgs
      4. Shell\_Spectra
9. plots/:
   1. energy trace (multiple domains for tachocline models)
   2. steady-state meridional-plane figures:
      1. differential rotation
      2. meridional circulation
      3. <S> and <P>
   3. Mollweide slices (taken from last iteration):
      1. v\_r’, om\_z’, B\_phi (if magnetic) for each depth