MDSynthesis is built to make data efficient storage and recall pythonic.


```
            top.psf              traj.part01.dcd, traj.part02.dcd
  Sim       top_nowater.psf      traj_nowater.dcd
            top.gro              traj_centered.xtc
```
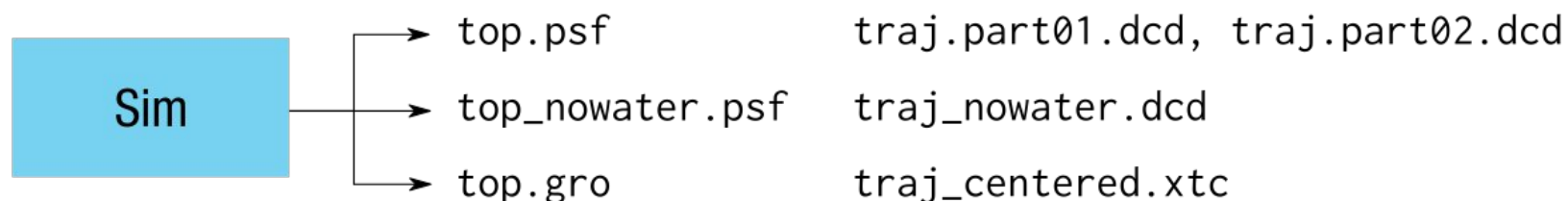
Sims are Treants that store universe definitions and atom selections using MDAnalysis as an interface layer, allowing
- programmatic access to trajectory details with less work
- enough abstraction to write analysis code that works across very different simulations
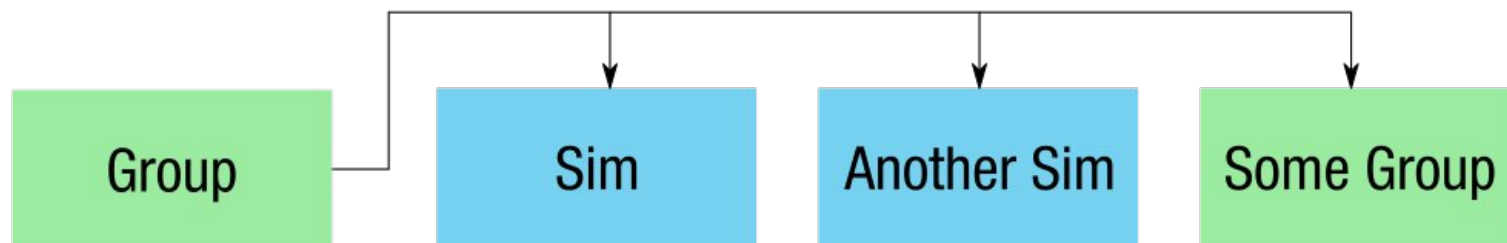
Groups can store the locations of other Treants in the filesystem, and find them when they move; they offer convenience methods for
- querying for subselections of their members (in development)
- mapping functions across members, in parallel
- aggregation of member datasets