

$$\mathcal{O}(N_{\text{traj}} N_{\text{ens}} N_{\text{atom}} t)$$

Path Sampling:

More parallelization



this means that you sample multiple trajectories
simultaneously: another parallelization level!

- TPS: 1 (times independent walkers)
- TIS: 10-100 (times independent walkers)
- Committor: 1000-10000 (or more!)

Coming soon! Running simultaneous trajectories

Simultaneous trajectories for various methods:

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Conclusions

OpenPathSampling inherits its scaling from underlying engines

***Convergence* scales worse than linearly with number of atoms**

Future plans: Run multiple trajectories simultaneously