

# Engine API Extras

Extra functionality enabled with these

`mdtraj_topology`

Convert trajectories to MDTraj

`apply_constraints`

Used for randomizing velocities

`randomize_velocities`

Used for randomizing velocities

*You can also add your  
own fields ("features")  
to snapshots!*

```
@features.base.attach_features([
    features.engine,
    features.coordinates,
    features.velocities,
    features.box_vectors,
    my_custom_feature
])
class MySnapshot(BaseSnapshot):
    """My own field added in my_custom_feature!"""
    pass
```

# How can you interface with OPS?

- Add support for your MD engine!
- **Add CV wrappers for your analysis library!**
- Add a new CLI plugin to do anything you want!