
machina Documentation

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machina (mkn) is a library designed for applying Deep Reinforcement Learning (DRL) to real world tasks.

1.1 Subpackages

1.1.1 machina.algos package

Submodules

`machina.algos.airl` module

`machina.algos.behavior_clone` module

`machina.algos.ddpg` module

`machina.algos.diayn` module

`machina.algos.diayn_sac` module

`machina.algos.gail` module

`machina.algos.mpc` module

`machina.algos.on_pol_teacher_distill` module

`machina.algos.ppo_clip` module

`machina.algos.ppo_kl` module

`machina.algos.prioritized_ddpg` module

`machina.algos.qtopt` module

`machina.algos.r2d2_sac` module

`machina.algos.sac` module

`machina.algos.svg` module

`machina.algos.trpo` module

`machina.algos.vpg` module

1.1.2 machina.envs package

Submodules

`machina.envs.ac_in_ob_env` module

`machina.envs.continuous2discrete_env` module

`machina.envs.env_utils` module

`machina.envs.gym_env` module

`machina.envs.rew_in_ob_env` module

`machina.envs.skill_env` module

1.1.3 machina.models package

Submodules

`machina.models.base` module

`machina.models.deterministic_state_model` module

1.1.4 machina.noise package

Submodules

`machina.noise.base` module

`machina.noise.ounoise` module

1.1.5 machina.optims package

Submodules

`machina.optims.adamw` module

`machina.optims.distributed_adamw` module

`machina.optims.distributed_sgd` module

1.1.6 `machina.pds` package

Submodules

`machina.pds.base` module

`machina.pds.categorical_pd` module

`machina.pds.deterministic_pd` module

`machina.pds.gaussian_pd` module

`machina.pds.mixture_gaussian_pd` module

`machina.pds.multi_categorical_pd` module

1.1.7 `machina.pols` package

Submodules

`machina.pols.argmax_qf_pol` module

`machina.pols.base` module

`machina.pols.categorical_pol` module

`machina.pols.deterministic_action_noise_pol` module

`machina.pols.gaussian_pol` module

`machina.pols.mixture_gaussian_pol` module

`machina.pols.mpc_pol` module

`machina.pols.multi_categorical_pol` module

`machina.pols.random_pol` module

1.1.8 `machina.prepro` package

Submodules

`machina.prepro.base` module

1.1.9 `machina.samplers` package

Submodules

machina.samplers.epi_sampler module

1.1.10 machina.traj package

Submodules

machina.traj.epi_functional module

machina.traj.traj module

machina.traj.traj_functional module

1.1.11 machina.vfuncs package

Subpackages

machina.vfuncs.state_action_vfuncs package

Submodules

machina.vfuncs.state_action_vfuncs.base module

machina.vfuncs.state_action_vfuncs.cem_state_action_vfunc module

machina.vfuncs.state_action_vfuncs.deterministic_state_action_vfunc module

machina.vfuncs.state_vfuncs package

Submodules

machina.vfuncs.state_vfuncs.base module

machina.vfuncs.state_vfuncs.deterministic_state_vfunc module

1.2 Submodules

1.3 machina.logger module

1.4 machina.loss_functional module

1.5 machina.utils module

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`