## Logger

num episodes : int

plot process : NoneType, Process

rew log: defaultdict state log: defaultdict

log rewards(dict, num episodes) log state(key, value)

log states(dict) plot states() print rewards()

reset()

## PolicyExporterLSTM

actor is recurrent memory

export(path) forward(x) reset memory()

## **TaskRegistry**

env cfgs : dict task classes : dict train cfgs : dict

get\_cfgs(name): Tuple[LeggedRobotCfg, LeggedRobotCfgPPO]
get task class(name: str): VecEnv

make\_alg\_runner(env, name, args, train\_cfg, log\_root): Tuple[OnPolicyRunner, LeggedRobotCfgPPO] make\_env(name, args, env\_cfg): Tuple[VecEnv, LeggedRobotCfg]

register(name: str, task class: VecEnv, env cfg: LeggedRobotCfg, train cfg: LeggedRobotCfgPPO)

## Terrain

border: int cfg: terrain env length

env origins : ndarray

env width

height field\_raw : ndarray heightsamples: ndarray

length per env pixels: int

num robots proportions

tot cols

tot rows

triangles : ndarray

type

vertices : ndarray

width per env pixels: int

add terrain to map(terrain, row, col) curiculum()

make terrain(choice, difficulty) randomized terrain()

selected terrain()