

PC

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CD Carla... ▾

版本控制 ▾

当前文件 ▾

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试用

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Carla_Pedestrian_DQN.py ×

Carla_Pedestrian_PPO_System.py

⚠️ 不满足软件包要求 'future', 'open3d'

安装要求

忽略要求

⚙️

25

class EnhancedPedestrianEnv(gym.Env): 1 个用法

28

def __init__(self, target_location=carla.Location(x=180, y=120, z=1)):

41

self.episode_step = 0

42

self.dynamic_obstacles = []

43

self.sensors = []

44

45

==== 线程安全锁 ====

46

self.img_lock = threading.Lock()

47

self.lidar_lock = threading.Lock()

48

self.last_display = time.time()

49

50

==== Carla连接配置 ====

51

self.client = carla.Client("localhost", 2000)

52

self.client.set_timeout(30.0)

53

self._connect_to_server()

54

55

==== 空间定义 ====

56

self.action_space = spaces.Discrete(len(ACTION_DICT))

57

self.observation_space = spaces.Box(

58

low=np.array([-1.0] * 8 + [0.0, -1.0]),

59

high=np.array([1.0] * 8 + [3.0, 1.0]),

60

dtype=np.float32

61

)

62

63

==== 初始化Carla组件 ====

运行

Carla_Pedestrian_DQN ×

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D:\Desktop\我的论文\WindowsNoEditor\PythonAPI\examples\.venv\Scripts\python.exe D:\Desktop\我的论文\WindowsNoEditor\PythonAPI\examples\.venv\Scripts\python.exe

INFO: Found the required file in cache! Carla/Maps/Nav/Town01.bin

成功加载Town01地图 (Carla v0.9.15)

D:\Desktop\我的论文\WindowsNoEditor\PythonAPI\examples\.venv\lib\site-packages\gymnasium\spaces\box.py:23

gym.logger.warn(

D:\Desktop\我的论文\WindowsNoEditor\PythonAPI\examples\.venv\lib\site-packages\gymnasium\spaces\box.py:36

gym.logger.warn(

Using cuda device

开始第一阶段训练 (50k steps) ...

INFO: Found the required file in cache! Carla/Maps/TM/Town01.bin

障碍物生成失败: Spawn failed because of collision at spawn position

examples >

Carla_Pedestrian_DQN.py

300:1

CRLF

UTF-8

4 个空格

Python 3.9 (examples)

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