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929/1500000: episode: 1, duration: 8.052s, episode steps: 929, steps per second: 115, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
1753/1500000: episode: 2, duration: 2.604s, episode steps: 824, steps per second: 316, episode reward: -21.000, mean reward: -0.025 [-1.000, 0.000], mean action:
2682/1500000: episode: 3, duration: 2.868s, episode steps: 929, steps per second: 324, episode reward: -21.000, mean reward: -0.023 [-1.000, 0.000], mean action:
3724/1500000: episode: 4, duration: 3.242s, episode steps: 1042, steps per second: 321, episode reward: -20.000, mean reward: -0.019 [-1.000, 1.000], mean action:
4792/1500000: episode: 5, duration: 3.327s, episode steps: 1068, steps per second: 321, episode reward: -20.000, mean reward: -0.019 [-1.000, 1.000], mean action:
5616/1500000: episode: 6, duration: 2.535s, episode steps: 824, steps per second: 325, episode reward: -21.000, mean reward: -0.025 [-1.000, 0.000], mean action:
6458/1500000: episode: 7, duration: 2.641s, episode steps: 842, steps per second: 319, episode reward: -20.000, mean reward: -0.024 [-1.000, 1.000], mean action:
7568/1500000: episode: 8, duration: 3.418s, episode steps: 1110, steps per second: 325, episode reward: -21.000, mean reward: -0.019 [-1.000, 0.000], mean action:
8593/1500000: episode: 9, duration: 3.149s, episode steps: 1025, steps per second: 325, episode reward: -19.000, mean reward: -0.019 [-1.000, 1.000], mean action:
9530/1500000: episode: 10, duration: 2.885s, episode steps: 937, steps per second: 325, episode reward: -19.000, mean reward: -0.020 [-1.000, 1.000], mean action:
10542/1500000: episode: 11, duration: 7.427s, episode steps: 1012, steps per second: 136, episode reward: -20.000, mean reward: -0.020 [-1.000, 1.000], mean action:
11362/1500000: episode: 12, duration: 7.265s, episode steps: 820, steps per second: 113, episode reward: -21.000, mean reward: -0.026 [-1.000, 0.000], mean action:
12258/1500000: episode: 13, duration: 7.951s, episode steps: 896, steps per second: 113, episode reward: -21.000, mean reward: -0.023 [-1.000, 0.000], mean action:
13101/1500000: episode: 14, duration: 7.475s, episode steps: 843, steps per second: 113, episode reward: -21.000, mean reward: -0.025 [-1.000, 0.000], mean action:
13986/1500000: episode: 15, duration: 7.678s, episode steps: 885, steps per second: 115, episode reward: -21.000, mean reward: -0.024 [-1.000, 0.000], mean action:
14965/1500000: episode: 16, duration: 8.494s, episode steps: 979, steps per second: 115, episode reward: -20.000, mean reward: -0.020 [-1.000, 1.000], mean action:
15962/1500000: episode: 17, duration: 8.592s, episode steps: 997, steps per second: 116, episode reward: -19.000, mean reward: -0.019 [-1.000, 1.000], mean action:
16861/1500000: episode: 18, duration: 7.759s, episode steps: 899, steps per second: 116, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
17653/1500000: episode: 19, duration: 6.896s, episode steps: 792, steps per second: 115, episode reward: -21.000, mean reward: -0.027 [-1.000, 0.000], mean action:
18586/1500000: episode: 20, duration: 8.056s, episode steps: 933, steps per second: 116, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
19488/1500000: episode: 21, duration: 7.815s, episode steps: 902, steps per second: 115, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
20554/1500000: episode: 22, duration: 9.192s, episode steps: 1066, steps per second: 116, episode reward: -21.000, mean reward: -0.020 [-1.000, 0.000], mean action:
21318/1500000: episode: 23, duration: 7.001s, episode steps: 764, steps per second: 109, episode reward: -21.000, mean reward: -0.027 [-1.000, 0.000], mean action:
22207/1500000: episode: 24, duration: 7.902s, episode steps: 889, steps per second: 113, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
23166/1500000: episode: 25, duration: 8.301s, episode steps: 959, steps per second: 116, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
24005/1500000: episode: 26, duration: 7.405s, episode steps: 839, steps per second: 113, episode reward: -21.000, mean reward: -0.025 [-1.000, 0.000], mean action:
24924/1500000: episode: 27, duration: 7.904s, episode steps: 919, steps per second: 116, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
25855/1500000: episode: 28, duration: 8.023s, episode steps: 931, steps per second: 116, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
26844/1500000: episode: 29, duration: 8.497s, episode steps: 989, steps per second: 116, episode reward: -20.000, mean reward: -0.020 [-1.000, 1.000], mean action:
27812/1500000: episode: 30, duration: 8.324s, episode steps: 968, steps per second: 116, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
28730/1500000: episode: 31, duration: 7.977s, episode steps: 918, steps per second: 115, episode reward: -21.000, mean reward: -0.023 [-1.000, 0.000], mean action:
29541/1500000: episode: 32, duration: 7.041s, episode steps: 811, steps per second: 115, episode reward: -21.000, mean reward: -0.026 [-1.000, 0.000], mean action:
30472/1500000: episode: 33, duration: 8.071s, episode steps: 931, steps per second: 115, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
31584/1500000: episode: 34, duration: 9.599s, episode steps: 1112, steps per second: 116, episode reward: -19.000, mean reward: -0.017 [-1.000, 1.000], mean action:
32543/1500000: episode: 35, duration: 8.152s, episode steps: 959, steps per second: 118, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
33515/1500000: episode: 36, duration: 8.254s, episode steps: 972, steps per second: 118, episode reward: -21.000, mean reward: -0.022 [-1.000, 0.000], mean action:
34431/1500000: episode: 37, duration: 7.799s, episode steps: 916, steps per second: 117, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
35524/1500000: episode: 38, duration: 9.461s, episode steps: 1093, steps per second: 116, episode reward: -19.000, mean reward: -0.017 [-1.000, 1.000], mean action:
36445/1500000: episode: 39, duration: 7.969s, episode steps: 921, steps per second: 116, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
37427/1500000: episode: 40, duration: 8.594s, episode steps: 982, steps per second: 114, episode reward: -20.000, mean reward: -0.020 [-1.000, 1.000], mean action:
38334/1500000: episode: 41, duration: 7.780s, episode steps: 907, steps per second: 117, episode reward: -21.000, mean reward: -0.023 [-1.000, 0.000], mean action:
39342/1500000: episode: 42, duration: 8.837s, episode steps: 1008, steps per second: 114, episode reward: -19.000, mean reward: -0.019 [-1.000, 1.000], mean action:
40273/1500000: episode: 43, duration: 8.193s, episode steps: 931, steps per second: 114, episode reward: -20.000, mean reward: -0.021 [-1.000, 1.000], mean action:
41065/1500000: episode: 44, duration: 7.131s, episode steps: 792, steps per second: 111, episode reward: -21.000, mean reward: -0.027 [-1.000, 0.000], mean action:
41985/1500000: episode: 45, duration: 8.315s, episode steps: 920, steps per second: 111, episode reward: -20.000, mean reward: -0.022 [-1.000, 1.000], mean action:
42993/1500000: episode: 46, duration: 9.154s, episode steps: 1008, steps per second: 110, episode reward: -21.000, mean reward: -0.021 [-1.000, 0.000], mean action:
43757/1500000: episode: 47, duration: 6.904s, episode steps: 764, steps per second: 111, episode reward: -21.000, mean reward: -0.027 [-1.000, 0.000], mean action:
44600/1500000: episode: 48, duration: 7.550s, episode steps: 843, steps per second: 112, episode reward: -21.000, mean reward: -0.025 [-1.000, 0.000], mean action:
45565/1500000: episode: 49, duration: 
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346141/1500000:	episode: 218,	duration: 27.698s,	episode steps: 3236,	steps per second: 117,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
348700/1500000:	episode: 219,	duration: 21.833s,	episode steps: 2559,	steps per second: 117,	episode reward: -9.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
350849/1500000:	episode: 220,	duration: 18.424s,	episode steps: 2149,	steps per second: 117,	episode reward: -16.000,	mean reward: -0.007 [-1.000, 1.000],	mean action:
353570/1500000:	episode: 221,	duration: 23.875s,	episode steps: 2721,	steps per second: 114,	episode reward: -12.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
356365/1500000:	episode: 222,	duration: 24.778s,	episode steps: 2795,	steps per second: 113,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
358709/1500000:	episode: 223,	duration: 20.555s,	episode steps: 2344,	steps per second: 114,	episode reward: -12.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
361791/1500000:	episode: 224,	duration: 26.614s,	episode steps: 3082,	steps per second: 116,	episode reward: -10.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
364208/1500000:	episode: 225,	duration: 22.891s,	episode steps: 2417,	steps per second: 106,	episode reward: -14.000,	mean reward: -0.006 [-1.000, 1.000],	mean action:
367295/1500000:	episode: 226,	duration: 29.867s,	episode steps: 3087,	steps per second: 103,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
370708/1500000:	episode: 227,	duration: 32.575s,	episode steps: 3413,	steps per second: 105,	episode reward: -3.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
373662/1500000:	episode: 228,	duration: 27.636s,	episode steps: 2954,	steps per second: 107,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
376795/1500000:	episode: 229,	duration: 28.439s,	episode steps: 3133,	steps per second: 110,	episode reward: 4.000,	mean reward: 0.001 [-1.000, 1.000],	mean action:
378733/1500000:	episode: 230,	duration: 17.438s,	episode steps: 1938,	steps per second: 111,	episode reward: -15.000,	mean reward: -0.008 [-1.000, 1.000],	mean action:
381476/1500000:	episode: 231,	duration: 25.896s,	episode steps: 2743,	steps per second: 106,	episode reward: -7.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
383976/1500000:	episode: 232,	duration: 22.993s,	episode steps: 2500,	steps per second: 109,	episode reward: -7.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
386003/1500000:	episode: 233,	duration: 18.171s,	episode steps: 2027,	steps per second: 112,	episode reward: -13.000,	mean reward: -0.006 [-1.000, 1.000],	mean action:
388297/1500000:	episode: 234,	duration: 20.181s,	episode steps: 2294,	steps per second: 114,	episode reward: -15.000,	mean reward: -0.007 [-1.000, 1.000],	mean action:
390906/1500000:	episode: 235,	duration: 21.923s,	episode steps: 2609,	steps per second: 119,	episode reward: -10.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
393503/1500000:	episode: 236,	duration: 21.803s,	episode steps: 2597,	steps per second: 119,	episode reward: -11.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
396065/1500000:	episode: 237,	duration: 21.634s,	episode steps: 2562,	steps per second: 118,	episode reward: -14.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
399555/1500000:	episode: 238,	duration: 29.391s,	episode steps: 3490,	steps per second: 119,	episode reward: -4.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
402294/1500000:	episode: 239,	duration: 22.982s,	episode steps: 2739,	steps per second: 119,	episode reward: -11.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
405122/1500000:	episode: 240,	duration: 23.686s,	episode steps: 2828,	steps per second: 119,	episode reward: -12.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
407360/1500000:	episode: 241,	duration: 18.725s,	episode steps: 2238,	steps per second: 120,	episode reward: -18.000,	mean reward: -0.008 [-1.000, 1.000],	mean action:
409693/1500000:	episode: 242,	duration: 19.597s,	episode steps: 2333,	steps per second: 119,	episode reward: -16.000,	mean reward: -0.007 [-1.000, 1.000],	mean action:
412713/1500000:	episode: 243,	duration: 25.450s,	episode steps: 3020,	steps per second: 119,	episode reward: -12.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
416256/1500000:	episode: 244,	duration: 29.886s,	episode steps: 3543,	steps per second: 119,	episode reward: -8.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
419680/1500000:	episode: 245,	duration: 28.672s,	episode steps: 3424,	steps per second: 119,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
422398/1500000:	episode: 246,	duration: 22.757s,	episode steps: 2718,	steps per second: 119,	episode reward: -10.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
425869/1500000:	episode: 247,	duration: 29.022s,	episode steps: 3471,	steps per second: 120,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
429127/1500000:	episode: 248,	duration: 27.182s,	episode steps: 3258,	steps per second: 120,	episode reward: -7.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
432661/1500000:	episode: 249,	duration: 29.726s,	episode steps: 3534,	steps per second: 119,	episode reward: -10.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
435665/1500000:	episode: 250,	duration: 25.193s,	episode steps: 3004,	steps per second: 119,	episode reward: -7.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
438514/1500000:	episode: 251,	duration: 23.786s,	episode steps: 2849,	steps per second: 120,	episode reward: -12.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
441095/1500000:	episode: 252,	duration: 21.608s,	episode steps: 2581,	steps per second: 119,	episode reward: -16.000,	mean reward: -0.006 [-1.000, 1.000],	mean action:
443503/1500000:	episode: 253,	duration: 20.122s,	episode steps: 2408,	steps per second: 120,	episode reward: -13.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
446814/1500000:	episode: 254,	duration: 27.719s,	episode steps: 3311,	steps per second: 119,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
448998/1500000:	episode: 255,	duration: 18.316s,	episode steps: 2184,	steps per second: 119,	episode reward: -15.000,	mean reward: -0.007 [-1.000, 1.000],	mean action:
451884/1500000:	episode: 256,	duration: 24.461s,	episode steps: 2886,	steps per second: 118,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
454537/1500000:	episode: 257,	duration: 22.307s,	episode steps: 2653,	steps per second: 119,	episode reward: -10.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
457489/1500000:	episode: 258,	duration: 25.620s,	episode steps: 2952,	steps per second: 115,	episode reward: -10.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
461237/1500000:	episode: 259,	duration: 33.172s,	episode steps: 3748,	steps per second: 113,	episode reward: -4.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
464494/1500000:	episode: 260,	duration: 28.817s,	episode steps: 3257,	steps per second: 113,	episode reward: 8.000,	mean reward: 0.002 [-1.000, 1.000],	mean action:
468036/1500000:	episode: 261,	duration: 31.370s,	episode steps: 3542,	steps per second: 113,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
471697/1500000:	episode: 262,	duration: 31.425s,	episode steps: 3661,	steps per second: 117,	episode reward: -9.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
475300/1500000:	episode: 263,	duration: 31.009s,	episode steps: 3603,	steps per second: 116,	episode reward: -5.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
477865/1500000:	episode: 264,	duration: 22.139s,	episode steps: 2565,	steps per second: 116,	episode reward: -14.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
480873/1500000:	episode: 265,	duration: 25.902s,	episode steps: 3008,	steps per second: 116,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
484618/1500000:	episode: 266,	duration: 32.441s,	episode steps: 3745,	steps per second: 115,	episode reward: -2.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
487866/1500000:	episode: 267,	duration: 28.301s,	episode steps: 3248,	steps per second: 115,	episode reward: 5.000,	mean reward: 0.002 [-1.000, 1.000],	mean action:
490888/1500000:	episode: 268,	duration: 25.550s,	episode steps: 3022,	steps per second: 118,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
493193/1500000:	episode: 269,	duration: 19.483s,	episode steps: 2305,	steps per second: 118,	episode reward: -12.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
496592/1500000:	episode: 270,	duration: 28.828s,	episode steps: 3399,	steps per second: 118,	episode reward: 2.000,	mean reward: 0.001 [-1.000, 1.000],	mean action:
500059/1500000:	episode: 271,	duration: 29.631s,	episode steps: 3467,	steps per second: 117,	episode reward: 2.000,	mean reward: 0.001 [-1.000, 1.000],	mean action:
503575/1500000:	episode: 272,	duration: 30.259s,	episode steps: 3516,	steps per second: 116,	episode reward: -1.000,	mean reward: -0.000 [-1.000, 1.000],	mean action:
506507/1500000:	episode: 273,	duration: 25.311s,	episode steps: 2932,	steps per second: 116,	episode reward: 8.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
509200/1500000:	episode: 274,	duration: 23.228s,	episode steps: 2693,	steps per second: 116,	episode reward: -11.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
512079/1500000:	episode: 275,	duration: 24.914s,	episode steps: 2879,	steps per second: 116,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
515081/1500000:	episode: 276,	duration: 26.777s,	episode steps: 3002,	steps per second: 112,	episode reward: -5.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
517896/1500000:	episode: 277,	duration: 24.603s,	episode steps: 2815,	steps per second: 114,	episode reward: -12.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
520751/1500000:	episode: 278,	duration: 27.850s,	episode steps: 2855,	steps per second: 103,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
523826/1500000:	episode: 279,	duration: 29.962s,	episode steps: 3075,	steps per second: 103,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
527079/1500000:	episode: 280,	duration: 31.022s,	episode steps: 3253,	steps per second: 105,	episode reward: 7.000,	mean reward: 0.002 [-1.000, 1.000],	mean action:
529720/1500000:	episode: 281,	duration: 24.563s,	episode steps: 2641,	steps per second: 108,	episode reward: 9.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
532979/1500000:	episode: 282,	duration: 30.741s,	episode steps: 3259,	steps per second: 106,	episode reward: 3.000,	mean reward: 0.001 [-1.000, 1.000],	mean action:
536193/1500000:	episode: 283,	duration: 27.515s,	episode steps: 3214,	steps per second: 117,	episode reward: -1.000,	mean reward: -0.000 [-1.000, 1.000],	mean action:
539035/1500000:	episode: 284,	duration: 24.206s,	episode steps: 2842,	steps per second: 117,	episode reward: 8.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
541472/1500000:	episode: 285,	duration: 20.405s,	episode steps: 2437,	steps per second: 119,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
544301/1500000:	episode: 286,	duration: 23.796s,	episode steps: 2829,	steps per second: 119,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
546956/1500000:	episode: 287,	duration: 22.334s,	episode steps: 2655,	steps per second: 119,	episode reward: -11.000,	mean reward: -0.004 [-1.000, 1.000],	mean action:
550733/1500000:	episode: 288,	duration: 31.800s,	episode steps: 3777,	steps per second: 119,	episode reward: 1.000,	mean reward: 0.000 [-1.000, 1.000],	mean action:
553408/1500000:	episode: 289,	duration: 22.511s,	episode steps: 2675,	steps per second: 119,	episode reward: -13.000,	mean reward: -0.005 [-1.000, 1.000],	mean action:
556073/1500000:	episode: 290,	duration: 22.707s,	episode steps: 2665,	steps per second: 117,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
558530/1500000:	episode: 291,	duration: 20.906s,	episode steps: 2457,	steps per second: 118,	episode reward: -15.000,	mean reward: -0.006 [-1.000, 1.000],	mean action:
561425/1500000:	episode: 292,	duration: 28.625s,	episode steps: 2895,	steps per second: 101,	episode reward: -7.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
564550/1500000:	episode: 293,	duration: 26.385s,	episode steps: 3125,	steps per second: 118,	episode reward: -7.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
567613/1500000:	episode: 294,	duration: 25.910s,	episode steps: 3063,	steps per second: 118,	episode reward: 9.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
571143/1500000:	episode: 295,	duration: 29.729s,	episode steps: 3530,	steps per second: 119,	episode reward: -7.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
574145/1500000:	episode: 296,	duration: 25.313s,	episode steps: 3002,	steps per second: 119,	episode reward: 10.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
577339/1500000:	episode: 297,	duration: 26.756s,	episode steps: 3194,	steps per second: 119,	episode reward: -6.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
581266/1500000:	episode: 298,	duration: 33.031s,	episode steps: 3927,	steps per second: 119,	episode reward: 1.000,	mean reward: 0.000 [-1.000, 1.000],	mean action:
584277/1500000:	episode: 299,	duration: 25.453s,	episode steps: 3011,	steps per second: 118,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
587647/1500000:	episode: 300,	duration: 28.739s,	episode steps: 3370,	steps per second: 117,	episode reward: -1.000,	mean reward: -0.000 [-1.000, 1.000],	mean action:
591688/1500000:	episode: 301,	duration: 34.490s,	episode steps: 4041,	steps per second: 117,	episode reward: -8.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
594708/1500000:	episode: 302,	duration: 26.943s,	episode steps: 3020,	steps per second: 112,	episode reward: 7.000,	mean reward: 0.002 [-1.000, 1.000],	mean action:
597902/1500000:	episode: 303,	duration: 28.778s,	episode steps: 3194,	steps per second: 111,	episode reward: -10.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
601469/1500000:	episode: 304,	duration: 32.253s,	episode steps: 3567,	steps per second: 111,	episode reward: -4.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
604553/1500000:	episode: 305,	duration: 27.719s,	episode steps: 3084,	steps per second: 111,	episode reward: -9.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
607640/1500000:	episode: 306,	duration: 27.023s,	episode steps: 3087,	steps per second: 114,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
610737/1500000:	episode: 307,	duration: 27.408s,	episode steps: 3097,	steps per second: 113,	episode reward: -8.000,	mean reward: -0.003 [-1.000, 1.000],	mean action:
613075/1500000:	episode: 308,	duration: 20.466s,	episode steps: 2338,	steps per second: 114,	episode reward: 15.000,	mean reward: 0.006 [-1.000, 1.000],	mean action:
615671/1500000:	episode: 309,	duration: 22.811s,	episode steps: 2596,	steps per second: 114,	episode reward: -16.000,	mean reward: -0.006 [-1.000, 1.000],	mean action:
619630/1500000:	episode: 310,	duration: 34.897s,	episode steps: 3959,	steps per second: 113,	episode reward: 3.000,	mean reward: 0.001 [-1.000, 1.000],	mean action:
623234/1500000:	episode: 311,	duration: 31.675s,	episode steps: 3604,	steps per second: 114,	episode reward: -8.000,	mean reward: -0.002 [-1.000, 1.000],	mean action:
626761/1500000:	episode: 312,	duration: 30.425s,	episode steps: 3527,	steps per second: 116,	episode reward: -5.000,	mean reward: -0.001 [-1.000, 1.000],	mean action:
630912/1500000:	episode: 313,	duration: 35.965s,	episode steps: 4151,	steps per second: 115,	episode reward: 1.000,	mean reward: 0.000 [-1.000, 1.000],	mean action:
633913/1500000:	episode: 314,	duration: 26.052s,	episode steps: 3001,	steps per second: 115,	episode reward: 8.000,	mean reward: 0.003 [-1.000, 1.000],	mean action:
636941/1500000:	episode: 315,	duration: 26.283s,	episode steps: 3028,	steps per second: 115,	episode reward: 5.000,	mean reward: 0.002 [-1.000, 1.000],	mean action:

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677145/1500000: episode: 327, duration: 27.911s, episode steps: 3273, steps per second: 117, episode reward: 8.000, mean reward: 0.002 [-1.000, 1.000], mean action:
680235/1500000: episode: 328, duration: 26.081s, episode steps: 3090, steps per second: 118, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
683096/1500000: episode: 329, duration: 24.295s, episode steps: 2861, steps per second: 118, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
686560/1500000: episode: 330, duration: 29.433s, episode steps: 3464, steps per second: 118, episode reward: 5.000, mean reward: 0.001 [-1.000, 1.000], mean action:
689928/1500000: episode: 331, duration: 28.801s, episode steps: 3368, steps per second: 117, episode reward: 5.000, mean reward: 0.001 [-1.000, 1.000], mean action:
693239/1500000: episode: 332, duration: 28.830s, episode steps: 3311, steps per second: 115, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
697557/1500000: episode: 333, duration: 38.005s, episode steps: 4318, steps per second: 114, episode reward: -2.000, mean reward: -0.000 [-1.000, 1.000], mean action:
701102/1500000: episode: 334, duration: 30.808s, episode steps: 3545, steps per second: 115, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
704531/1500000: episode: 335, duration: 29.792s, episode steps: 3429, steps per second: 115, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
708207/1500000: episode: 336, duration: 31.983s, episode steps: 3676, steps per second: 115, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
711402/1500000: episode: 337, duration: 27.708s, episode steps: 3195, steps per second: 115, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
713867/1500000: episode: 338, duration: 21.230s, episode steps: 2465, steps per second: 116, episode reward: 13.000, mean reward: 0.005 [-1.000, 1.000], mean action:
717146/1500000: episode: 339, duration: 28.410s, episode steps: 3279, steps per second: 115, episode reward: -6.000, mean reward: -0.002 [-1.000, 1.000], mean action:
720339/1500000: episode: 340, duration: 27.637s, episode steps: 3193, steps per second: 116, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
723992/1500000: episode: 341, duration: 31.699s, episode steps: 3653, steps per second: 115, episode reward: -4.000, mean reward: -0.001 [-1.000, 1.000], mean action:
727482/1500000: episode: 342, duration: 30.257s, episode steps: 3490, steps per second: 115, episode reward: -3.000, mean reward: -0.001 [-1.000, 1.000], mean action:
731668/1500000: episode: 343, duration: 37.679s, episode steps: 4186, steps per second: 111, episode reward: -2.000, mean reward: -0.000 [-1.000, 1.000], mean action:
734251/1500000: episode: 344, duration: 23.898s, episode steps: 2583, steps per second: 108, episode reward: -11.000, mean reward: -0.004 [-1.000, 1.000], mean action:
737875/1500000: episode: 345, duration: 32.988s, episode steps: 3624, steps per second: 110, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
740381/1500000: episode: 346, duration: 22.654s, episode steps: 2506, steps per second: 111, episode reward: -13.000, mean reward: -0.005 [-1.000, 1.000], mean action:
743477/1500000: episode: 347, duration: 27.231s, episode steps: 3096, steps per second: 114, episode reward: -9.000, mean reward: -0.003 [-1.000, 1.000], mean action:
746341/1500000: episode: 348, duration: 25.537s, episode steps: 2864, steps per second: 112, episode reward: -12.000, mean reward: -0.004 [-1.000, 1.000], mean action:
750189/1500000: episode: 349, duration: 34.168s, episode steps: 3848, steps per second: 113, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
753266/1500000: episode: 350, duration: 27.333s, episode steps: 3077, steps per second: 113, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
756112/1500000: episode: 351, duration: 25.298s, episode steps: 2846, steps per second: 113, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
759900/1500000: episode: 352, duration: 33.608s, episode steps: 3788, steps per second: 113, episode reward: -4.000, mean reward: -0.001 [-1.000, 1.000], mean action:
763881/1500000: episode: 353, duration: 34.546s, episode steps: 3981, steps per second: 115, episode reward: -4.000, mean reward: -0.001 [-1.000, 1.000], mean action:
767285/1500000: episode: 354, duration: 29.846s, episode steps: 3404, steps per second: 114, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
770627/1500000: episode: 355, duration: 29.403s, episode steps: 3342, steps per second: 114, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
773333/1500000: episode: 356, duration: 23.808s, episode steps: 2706, steps per second: 114, episode reward: 13.000, mean reward: 0.005 [-1.000, 1.000], mean action:
776153/1500000: episode: 357, duration: 24.824s, episode steps: 2820, steps per second: 114, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
779182/1500000: episode: 358, duration: 26.705s, episode steps: 3029, steps per second: 113, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
782125/1500000: episode: 359, duration: 26.244s, episode steps: 2943, steps per second: 112, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
785416/1500000: episode: 360, duration: 29.398s, episode steps: 3291, steps per second: 112, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
788156/1500000: episode: 361, duration: 24.916s, episode steps: 2740, steps per second: 110, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
791422/1500000: episode: 362, duration: 30.275s, episode steps: 3266, steps per second: 108, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
793782/1500000: episode: 363, duration: 23.145s, episode steps: 2360, steps per second: 102, episode reward: 11.000, mean reward: 0.005 [-1.000, 1.000], mean action:
796973/1500000: episode: 364, duration: 31.114s, episode steps: 3191, steps per second: 103, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
800651/1500000: episode: 365, duration: 35.012s, episode steps: 3678, steps per second: 105, episode reward: -3.000, mean reward: -0.001 [-1.000, 1.000], mean action:
803238/1500000: episode: 366, duration: 25.527s, episode steps: 2587, steps per second: 101, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
806380/1500000: episode: 367, duration: 29.165s, episode steps: 3142, steps per second: 108, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
809461/1500000: episode: 368, duration: 26.654s, episode steps: 3081, steps per second: 116, episode reward: -11.000, mean reward: -0.004 [-1.000, 1.000], mean action:
812209/1500000: episode: 369, duration: 23.761s, episode steps: 2748, steps per second: 116, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
815903/1500000: episode: 370, duration: 32.409s, episode steps: 3694, steps per second: 114, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
818312/1500000: episode: 371, duration: 20.924s, episode steps: 2409, steps per second: 115, episode reward: 13.000, mean reward: 0.005 [-1.000, 1.000], mean action:
820532/1500000: episode: 372, duration: 19.362s, episode steps: 2220, steps per second: 115, episode reward: 16.000, mean reward: 0.007 [-1.000, 1.000], mean action:
823742/1500000: episode: 373, duration: 27.992s, episode steps: 3210, steps per second: 115, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
826153/1500000: episode: 374, duration: 20.781s, episode steps: 2411, steps per second: 116, episode reward: 11.000, mean reward: 0.005 [-1.000, 1.000], mean action:
828831/1500000: episode: 375, duration: 22.793s, episode steps: 2678, steps per second: 117, episode reward: 12.000, mean reward: 0.004 [-1.000, 1.000], mean action:
831136/1500000: episode: 376, duration: 19.608s, episode steps: 2305, steps per second: 118, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
834511/1500000: episode: 377, duration: 28.623s, episode steps: 3375, steps per second: 118, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
837600/1500000: episode: 378, duration: 26.579s, episode steps: 3089, steps per second: 116, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
841162/1500000: episode: 379, duration: 30.317s, episode steps: 3562, steps per second: 117, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
844647/1500000: episode: 380, duration: 29.500s, episode steps: 3485, steps per second: 118, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
848294/1500000: episode: 381, duration: 30.780s, episode steps: 3647, steps per second: 118, episode reward: 5.000, mean reward: 0.001 [-1.000, 1.000], mean action:
851233/1500000: episode: 382, duration: 25.167s, episode steps: 2939, steps per second: 117, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
854115/1500000: episode: 383, duration: 24.441s, episode steps: 2882, steps per second: 118, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
856848/1500000: episode: 384, duration: 23.212s, episode steps: 2733, steps per second: 118, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
860065/1500000: episode: 385, duration: 27.394s, episode steps: 3217, steps per second: 117, episode reward: -1.000, mean reward: -0.000 [-1.000, 1.000], mean action:
863428/1500000: episode: 386, duration: 28.509s, episode steps: 3363, steps per second: 118, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
866287/1500000: episode: 387, duration: 24.761s, episode steps: 2859, steps per second: 115, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
869550/1500000: episode: 388, duration: 29.230s, episode steps: 3263, steps per second: 112, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
872001/1500000: episode: 389, duration: 22.075s, episode steps: 2451, steps per second: 111, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
874970/1500000: episode: 390, duration: 26.884s, episode steps: 2969, steps per second: 110, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
878369/1500000: episode: 391, duration: 30.137s, episode steps: 3399, steps per second: 113, episode reward: -2.000, mean reward: -0.001 [-1.000, 1.000], mean action:
881043/1500000: episode: 392, duration: 23.282s, episode steps: 2674, steps per second: 115, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
884212/1500000: episode: 393, duration: 27.966s, episode steps: 3169, steps per second: 113, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
886334/1500000: episode: 394, duration: 18.668s, episode steps: 2122, steps per second: 114, episode reward: 17.000, mean reward: 0.008 [-1.000, 1.000], mean action:
889507/1500000: episode: 395, duration: 27.986s, episode steps: 3173, steps per second: 113, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
891977/1500000: episode: 396, duration: 21.693s, episode steps: 2470, steps per second: 114, episode reward: 13.000, mean reward: 0.005 [-1.000, 1.000], mean action:
895145/1500000: episode: 397, duration: 27.860s, episode steps: 3168, steps per second: 114, episode reward: -6.000, mean reward: -0.002 [-1.000, 1.000], mean action:
899205/1500000: episode: 398, duration: 34.661s, episode steps: 4060, steps per second: 117, episode reward: -1.000, mean reward: -0.000 [-1.000, 1.000], mean action:
902138/1500000: episode: 399, duration: 25.076s, episode steps: 2933, steps per second: 117, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
905746/1500000: episode: 400, duration: 31.014s, episode steps: 3608, steps per second: 116, episode reward: -1.000, mean reward: -0.000 [-1.000, 1.000], mean action:
908584/1500000: episode: 401, duration: 25.097s, episode steps: 2838, steps per second: 113, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
911567/1500000: episode: 402, duration: 25.820s, episode steps: 2983, steps per second: 116, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
914557/1500000: episode: 403, duration: 25.922s, episode steps: 2990, steps per second: 115, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
917184/1500000: episode: 404, duration: 22.768s, episode steps: 2627, steps per second: 115, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
919505/1500000: episode: 405, duration: 20.406s, episode steps: 2321, steps per second: 114, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
923473/1500000: episode: 406, duration: 35.155s, episode steps: 3968, steps per second: 113, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
926215/1500000: episode: 407, duration: 24.263s, episode steps: 2742, steps per second: 113, episode reward: 7.000, mean reward: 0.003 [-1.000, 1.000], mean action:
929608/1500000: episode: 408, duration: 31.705s, episode steps: 3393, steps per second: 107, episode reward: -3.000, mean reward: -0.001 [-1.000, 1.000], mean action:
932689/1500000: episode: 409, duration: 29.855s, episode steps: 3081, steps per second: 103, episode reward: -5.000, mean reward: -0.002 [-1.000, 1.000], mean action:
935984/1500000: episode: 410, duration: 31.609s, episode steps: 3295, steps per second: 104, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
939080/1500000: episode: 411, duration: 28.244s, episode steps: 3096, steps per second: 110, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
941637/1500000: episode: 412, duration: 24.666s, episode steps: 2557, steps per second: 104, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
944770/1500000: episode: 413, duration: 27.909s, episode steps: 3133, steps per second: 112, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
948416/1500000: episode: 414, duration: 31.023s, episode steps: 3646, steps per second: 118, episode reward: -4.000, mean reward: -0.001 [-1.000, 1.000], mean action:
951862/1500000: episode: 415, duration: 29.327s, episode steps: 3446, steps per second: 118, episode reward: -5.000, mean reward: -0.001 [-1.000, 1.000], mean action:
955128/1500000: episode: 416, duration: 28.137s, episode steps: 3266, steps per second: 116, episode reward: -1.000, mean reward: -0.000 [-1.000, 1.000], mean action:
958281/1500000: episode: 417, duration: 26.932s, episode steps: 3153, steps per second: 117, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
960580/1500000: episode: 418, duration: 19.648s, episode steps: 2299, steps per second: 117, episode reward: 12.000, mean reward: 0.005 [-1.000, 1.000], mean action:
963480/1500000: episode: 419, duration: 24.701s, episode steps: 2900, steps per second: 117, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
966784/1500000: episode: 420, duration: 28.154s, episode steps: 3304, steps per second: 117, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
969400/1500000: episode: 421, duration: 22.332s, episode steps: 2616, steps per second: 117, episode reward: 12.000, mean reward: 0.005 [-1.000, 1.000], mean action:
972785/1500000: episode: 422, duration: 28.846s, episode steps: 3385, steps per second: 117, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
975415/1500000: episode: 423, duration: 22.353s, episode steps: 2630, steps per second: 118, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
978500/1500000: episode: 424, duration: 26.735s, episode steps: 3085, steps per second: 115, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
981451/1500000: episode: 425, duration: 25.069s, episode steps: 2951, steps per second: 118, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
985208/1500000: episode: 426, duration: 31.996s, episode steps: 3757, steps per second: 117, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
988350/1500000: episode: 427, duration: 26.852s, episode steps: 3142, steps per second: 117, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
990946/1500000: episode: 428, duration: 22.027s, episode steps: 2596, steps per second: 118, episode reward: -10.000, mean reward: -0.004 [-1.000, 1.000], mean action:
994199/1500000: episode: 429, duration: 27.672s, episode steps: 3253, steps per second: 118, episode reward: -3.000, mean reward: -0.001 [-1.000, 1.000], mean action:
997144/1500000: episode: 430, duration: 24.597s, episode steps: 2945, steps per second: 120, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
999444/1500000: episode: 431, duration: 19.102s, episode steps: 2300, steps per second: 120, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1002449/1500000: episode: 432, duration: 25.121s, episode steps: 3005, steps per second: 120, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1005601/1500000: episode: 433, duration: 27.608s, episode steps: 3152, steps per second: 114, episode reward: 2.000, mean reward: 0.001 [-1.000, 1.000], mean action:
1008422/1500000: episode: 434, duration: 25.138s, episode steps: 2821, steps per second: 112, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1011608/1500000: episode: 435, duration: 28.298s, episode steps: 3186, steps per second: 113, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:

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1014124/1500000:	episode:	436,	duration:	22.639s,	episode steps:	2516,	steps per second:	111,	episode reward:	11.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1016402/1500000:	episode:	437,	duration:	20.251s,	episode steps:	2278,	steps per second:	112,	episode reward:	15.000,	mean reward:	0.007 [-1.000, 1.000],	mean action:
1019107/1500000:	episode:	438,	duration:	23.124s,	episode steps:	2705,	steps per second:	117,	episode reward:	12.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1022149/1500000:	episode:	439,	duration:	26.122s,	episode steps:	3042,	steps per second:	116,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1025766/1500000:	episode:	440,	duration:	31.146s,	episode steps:	3617,	steps per second:	116,	episode reward:	-2.000,	mean reward:	-0.001 [-1.000, 1.000],	mean action:
1029187/1500000:	episode:	441,	duration:	29.380s,	episode steps:	3421,	steps per second:	116,	episode reward:	1.000,	mean reward:	0.000 [-1.000, 1.000],	mean action:
1031131/1500000:	episode:	442,	duration:	16.992s,	episode steps:	1944,	steps per second:	114,	episode reward:	17.000,	mean reward:	0.009 [-1.000, 1.000],	mean action:
1034415/1500000:	episode:	443,	duration:	27.843s,	episode steps:	3284,	steps per second:	118,	episode reward:	3.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1037103/1500000:	episode:	444,	duration:	22.871s,	episode steps:	2688,	steps per second:	118,	episode reward:	10.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1039985/1500000:	episode:	445,	duration:	24.504s,	episode steps:	2882,	steps per second:	118,	episode reward:	6.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1042563/1500000:	episode:	446,	duration:	22.125s,	episode steps:	2578,	steps per second:	117,	episode reward:	9.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1044968/1500000:	episode:	447,	duration:	20.715s,	episode steps:	2405,	steps per second:	116,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1047760/1500000:	episode:	448,	duration:	24.188s,	episode steps:	2792,	steps per second:	115,	episode reward:	10.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1051062/1500000:	episode:	449,	duration:	28.872s,	episode steps:	3302,	steps per second:	114,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1054602/1500000:	episode:	450,	duration:	30.481s,	episode steps:	3540,	steps per second:	116,	episode reward:	7.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1057976/1500000:	episode:	451,	duration:	28.973s,	episode steps:	3374,	steps per second:	116,	episode reward:	4.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1060983/1500000:	episode:	452,	duration:	26.591s,	episode steps:	3007,	steps per second:	113,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1064569/1500000:	episode:	453,	duration:	31.402s,	episode steps:	3586,	steps per second:	114,	episode reward:	-1.000,	mean reward:	-0.000 [-1.000, 1.000],	mean action:
1067382/1500000:	episode:	454,	duration:	26.710s,	episode steps:	2813,	steps per second:	105,	episode reward:	7.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1070368/1500000:	episode:	455,	duration:	28.695s,	episode steps:	2986,	steps per second:	104,	episode reward:	11.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1073428/1500000:	episode:	456,	duration:	28.841s,	episode steps:	3060,	steps per second:	106,	episode reward:	8.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1076473/1500000:	episode:	457,	duration:	28.016s,	episode steps:	3045,	steps per second:	109,	episode reward:	3.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1078954/1500000:	episode:	458,	duration:	23.466s,	episode steps:	2481,	steps per second:	106,	episode reward:	14.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1080978/1500000:	episode:	459,	duration:	18.447s,	episode steps:	2024,	steps per second:	110,	episode reward:	16.000,	mean reward:	0.008 [-1.000, 1.000],	mean action:
1083641/1500000:	episode:	460,	duration:	22.375s,	episode steps:	2663,	steps per second:	119,	episode reward:	8.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1087394/1500000:	episode:	461,	duration:	31.629s,	episode steps:	3753,	steps per second:	119,	episode reward:	-1.000,	mean reward:	-0.000 [-1.000, 1.000],	mean action:
1090450/1500000:	episode:	462,	duration:	25.474s,	episode steps:	3056,	steps per second:	120,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1093620/1500000:	episode:	463,	duration:	26.641s,	episode steps:	3170,	steps per second:	119,	episode reward:	4.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1096574/1500000:	episode:	464,	duration:	24.725s,	episode steps:	2954,	steps per second:	119,	episode reward:	8.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1098670/1500000:	episode:	465,	duration:	17.484s,	episode steps:	2096,	steps per second:	120,	episode reward:	15.000,	mean reward:	0.007 [-1.000, 1.000],	mean action:
1101592/1500000:	episode:	466,	duration:	24.450s,	episode steps:	2922,	steps per second:	120,	episode reward:	6.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1103269/1500000:	episode:	467,	duration:	14.051s,	episode steps:	1677,	steps per second:	119,	episode reward:	20.000,	mean reward:	0.012 [-1.000, 1.000],	mean action:
1106538/1500000:	episode:	468,	duration:	27.380s,	episode steps:	3269,	steps per second:	119,	episode reward:	-1.000,	mean reward:	-0.000 [-1.000, 1.000],	mean action:
1108857/1500000:	episode:	469,	duration:	19.557s,	episode steps:	2319,	steps per second:	119,	episode reward:	15.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1111705/1500000:	episode:	470,	duration:	23.855s,	episode steps:	2848,	steps per second:	119,	episode reward:	3.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1114054/1500000:	episode:	471,	duration:	19.661s,	episode steps:	2349,	steps per second:	119,	episode reward:	13.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1116852/1500000:	episode:	472,	duration:	23.427s,	episode steps:	2798,	steps per second:	119,	episode reward:	-6.000,	mean reward:	-0.002 [-1.000, 1.000],	mean action:
1120416/1500000:	episode:	473,	duration:	29.903s,	episode steps:	3564,	steps per second:	119,	episode reward:	-1.000,	mean reward:	-0.000 [-1.000, 1.000],	mean action:
1123639/1500000:	episode:	474,	duration:	27.399s,	episode steps:	3223,	steps per second:	118,	episode reward:	7.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1126512/1500000:	episode:	475,	duration:	24.095s,	episode steps:	2873,	steps per second:	119,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1129803/1500000:	episode:	476,	duration:	27.799s,	episode steps:	3291,	steps per second:	118,	episode reward:	1.000,	mean reward:	0.000 [-1.000, 1.000],	mean action:
1133567/1500000:	episode:	477,	duration:	31.600s,	episode steps:	3764,	steps per second:	119,	episode reward:	1.000,	mean reward:	0.000 [-1.000, 1.000],	mean action:
1136377/1500000:	episode:	478,	duration:	23.524s,	episode steps:	2810,	steps per second:	119,	episode reward:	6.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1139531/1500000:	episode:	479,	duration:	26.527s,	episode steps:	3154,	steps per second:	119,	episode reward:	6.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1142043/1500000:	episode:	480,	duration:	21.384s,	episode steps:	2512,	steps per second:	117,	episode reward:	12.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1144501/1500000:	episode:	481,	duration:	21.716s,	episode steps:	2458,	steps per second:	113,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1147009/1500000:	episode:	482,	duration:	22.366s,	episode steps:	2508,	steps per second:	112,	episode reward:	12.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1149464/1500000:	episode:	483,	duration:	21.892s,	episode steps:	2455,	steps per second:	112,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1152030/1500000:	episode:	484,	duration:	23.002s,	episode steps:	2566,	steps per second:	112,	episode reward:	11.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1154534/1500000:	episode:	485,	duration:	22.271s,	episode steps:	2504,	steps per second:	112,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1157523/1500000:	episode:	486,	duration:	26.023s,	episode steps:	2989,	steps per second:	115,	episode reward:	9.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1160552/1500000:	episode:	487,	duration:	26.125s,	episode steps:	3029,	steps per second:	116,	episode reward:	4.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1162706/1500000:	episode:	488,	duration:	18.431s,	episode steps:	2154,	steps per second:	117,	episode reward:	17.000,	mean reward:	0.008 [-1.000, 1.000],	mean action:
1165180/1500000:	episode:	489,	duration:	21.443s,	episode steps:	2474,	steps per second:	115,	episode reward:	12.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1168073/1500000:	episode:	490,	duration:	24.897s,	episode steps:	2893,	steps per second:	116,	episode reward:	10.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1170853/1500000:	episode:	491,	duration:	24.036s,	episode steps:	2780,	steps per second:	116,	episode reward:	11.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1173246/1500000:	episode:	492,	duration:	20.661s,	episode steps:	2393,	steps per second:	116,	episode reward:	15.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1175265/1500000:	episode:	493,	duration:	17.316s,	episode steps:	2019,	steps per second:	117,	episode reward:	17.000,	mean reward:	0.008 [-1.000, 1.000],	mean action:
1177689/1500000:	episode:	494,	duration:	20.784s,	episode steps:	2424,	steps per second:	117,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1180836/1500000:	episode:	495,	duration:	26.977s,	episode steps:	3147,	steps per second:	117,	episode reward:	9.000,	mean reward:	0.003 [-1.000, 1.000],	mean action:
1183130/1500000:	episode:	496,	duration:	19.823s,	episode steps:	2294,	steps per second:	116,	episode reward:	13.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1185409/1500000:	episode:	497,	duration:	19.698s,	episode steps:	2279,	steps per second:	116,	episode reward:	15.000,	mean reward:	0.007 [-1.000, 1.000],	mean action:
1188596/1500000:	episode:	498,	duration:	27.609s,	episode steps:	3187,	steps per second:	115,	episode reward:	3.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1191599/1500000:	episode:	499,	duration:	26.015s,	episode steps:	3003,	steps per second:	115,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1194738/1500000:	episode:	500,	duration:	27.499s,	episode steps:	3139,	steps per second:	114,	episode reward:	5.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1198189/1500000:	episode:	501,	duration:	29.862s,	episode steps:	3451,	steps per second:	116,	episode reward:	1.000,	mean reward:	0.000 [-1.000, 1.000],	mean action:
1201402/1500000:	episode:	502,	duration:	28.656s,	episode steps:	3213,	steps per second:	112,	episode reward:	4.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1204494/1500000:	episode:	503,	duration:	27.393s,	episode steps:	3092,	steps per second:	113,	episode reward:	4.000,	mean reward:	0.001 [-1.000, 1.000],	mean action:
1206589/1500000:	episode:	504,	duration:	20.324s,	episode steps:	2095,	steps per second:	103,	episode reward:	15.000,	mean reward:	0.007 [-1.000, 1.000],	mean action:
1209491/1500000:	episode:	505,	duration:	28.259s,	episode steps:	2902,	steps per second:	103,	episode reward:	-3.000,	mean reward:	-0.001 [-1.000, 1.000],	mean action:
1212272/1500000:	episode:	506,	duration:	26.587s,	episode steps:	2781,	steps per second:	105,	episode reward:	12.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1215020/1500000:	episode:	507,	duration:	25.311s,	episode steps:	2748,	steps per second:	109,	episode reward:	12.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1217839/1500000:	episode:	508,	duration:	27.013s,	episode steps:	2819,	steps per second:	104,	episode reward:	10.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1220631/1500000:	episode:	509,	duration:	25.024s,	episode steps:	2792,	steps per second:	112,	episode reward:	12.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1223226/1500000:	episode:	510,	duration:	21.832s,	episode steps:	2595,	steps per second:	119,	episode reward:	13.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:
1226145/1500000:	episode:	511,	duration:	24.517s,	episode steps:	2919,	steps per second:	119,	episode reward:	6.000,	mean reward:	0.002 [-1.000, 1.000],	mean action:
1228539/1500000:	episode:	512,	duration:	20.422s,	episode steps:	2394,	steps per second:	117,	episode reward:	14.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1230747/1500000:	episode:	513,	duration:	18.633s,	episode steps:	2208,	steps per second:	119,	episode reward:	14.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1232798/1500000:	episode:	514,	duration:	17.262s,	episode steps:	2051,	steps per second:	119,	episode reward:	17.000,	mean reward:	0.008 [-1.000, 1.000],	mean action:
1235864/1500000:	episode:	515,	duration:	25.933s,	episode steps:	3066,	steps per second:	118,	episode reward:	-6.000,	mean reward:	-0.002 [-1.000, 1.000],	mean action:
1238424/1500000:	episode:	516,	duration:	21.418s,	episode steps:	2560,	steps per second:	120,	episode reward:	10.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1241395/1500000:	episode:	517,	duration:	24.943s,	episode steps:	2971,	steps per second:	119,	episode reward:	-10.000,	mean reward:	-0.003 [-1.000, 1.000],	mean action:
1243738/1500000:	episode:	518,	duration:	19.735s,	episode steps:	2343,	steps per second:	119,	episode reward:	15.000,	mean reward:	0.006 [-1.000, 1.000],	mean action:
1246534/1500000:	episode:	519,	duration:	23.508s,	episode steps:	2796,	steps per second:	119,	episode reward:	11.000,	mean reward:	0.004 [-1.000, 1.000],	mean action:
1248996/1500000:	episode:	520,	duration:	20.753s,	episode steps:	2462,	steps per second:	119,	episode reward:	12.000,	mean reward:	0.005 [-1.000, 1.000],	mean action:

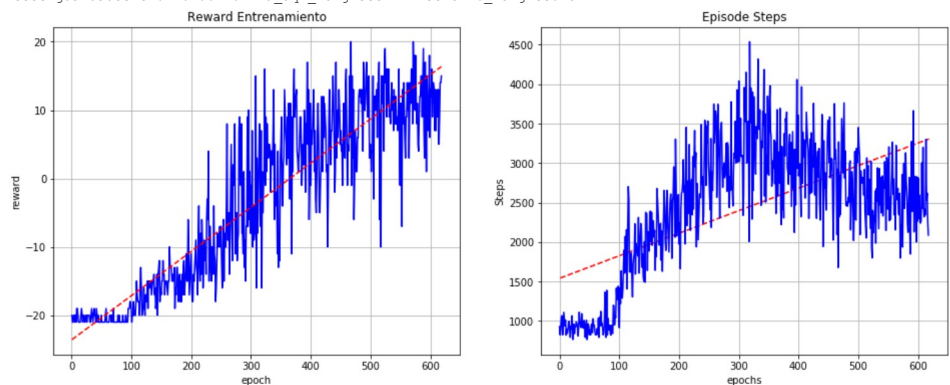
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1311459/1500000: episode: 545, duration: 26.293s, episode steps: 3018, steps per second: 115, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1314176/1500000: episode: 546, duration: 23.403s, episode steps: 2717, steps per second: 116, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1316322/1500000: episode: 547, duration: 18.384s, episode steps: 2146, steps per second: 117, episode reward: 16.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1319392/1500000: episode: 548, duration: 26.355s, episode steps: 3070, steps per second: 116, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1322446/1500000: episode: 549, duration: 26.562s, episode steps: 3054, steps per second: 115, episode reward: -1.000, mean reward: -0.000 [-1.000, 1.000], mean action:
1324863/1500000: episode: 550, duration: 21.015s, episode steps: 2417, steps per second: 115, episode reward: 11.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1327387/1500000: episode: 551, duration: 21.964s, episode steps: 2524, steps per second: 115, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1330593/1500000: episode: 552, duration: 27.911s, episode steps: 3206, steps per second: 115, episode reward: -7.000, mean reward: -0.002 [-1.000, 1.000], mean action:
1332864/1500000: episode: 553, duration: 19.849s, episode steps: 2271, steps per second: 114, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1335429/1500000: episode: 554, duration: 22.776s, episode steps: 2565, steps per second: 113, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1337717/1500000: episode: 555, duration: 20.913s, episode steps: 2288, steps per second: 109, episode reward: 14.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1340406/1500000: episode: 556, duration: 23.735s, episode steps: 2689, steps per second: 113, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1343320/1500000: episode: 557, duration: 28.390s, episode steps: 2914, steps per second: 103, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1346586/1500000: episode: 558, duration: 31.718s, episode steps: 3266, steps per second: 103, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
1349192/1500000: episode: 559, duration: 25.239s, episode steps: 2606, steps per second: 103, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1351990/1500000: episode: 560, duration: 25.626s, episode steps: 2798, steps per second: 109, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1354333/1500000: episode: 561, duration: 22.682s, episode steps: 2343, steps per second: 103, episode reward: 14.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1356756/1500000: episode: 562, duration: 21.992s, episode steps: 2423, steps per second: 110, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1358909/1500000: episode: 563, duration: 18.382s, episode steps: 2153, steps per second: 117, episode reward: 14.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1362133/1500000: episode: 564, duration: 27.266s, episode steps: 3224, steps per second: 118, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
1364669/1500000: episode: 565, duration: 21.488s, episode steps: 2536, steps per second: 118, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1367247/1500000: episode: 566, duration: 21.889s, episode steps: 2578, steps per second: 118, episode reward: 14.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1369927/1500000: episode: 567, duration: 23.041s, episode steps: 2680, steps per second: 116, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1372284/1500000: episode: 568, duration: 20.146s, episode steps: 2357, steps per second: 117, episode reward: 16.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1374629/1500000: episode: 569, duration: 20.059s, episode steps: 2345, steps per second: 117, episode reward: 16.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1377247/1500000: episode: 570, duration: 22.109s, episode steps: 2618, steps per second: 118, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1379044/1500000: episode: 571, duration: 15.182s, episode steps: 1797, steps per second: 118, episode reward: 20.000, mean reward: 0.011 [-1.000, 1.000], mean action:
1381259/1500000: episode: 572, duration: 18.774s, episode steps: 2215, steps per second: 118, episode reward: 15.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1383317/1500000: episode: 573, duration: 17.494s, episode steps: 2058, steps per second: 118, episode reward: 18.000, mean reward: 0.009 [-1.000, 1.000], mean action:
1386171/1500000: episode: 574, duration: 24.208s, episode steps: 2854, steps per second: 118, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1388107/1500000: episode: 575, duration: 16.399s, episode steps: 1936, steps per second: 118, episode reward: 18.000, mean reward: 0.009 [-1.000, 1.000], mean action:
1390763/1500000: episode: 576, duration: 22.460s, episode steps: 2656, steps per second: 118, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1393761/1500000: episode: 577, duration: 25.393s, episode steps: 2998, steps per second: 118, episode reward: 8.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1396188/1500000: episode: 578, duration: 20.544s, episode steps: 2427, steps per second: 118, episode reward: 11.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1398879/1500000: episode: 579, duration: 22.762s, episode steps: 2691, steps per second: 118, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1402010/1500000: episode: 580, duration: 26.456s, episode steps: 3131, steps per second: 118, episode reward: 4.000, mean reward: 0.001 [-1.000, 1.000], mean action:
1404792/1500000: episode: 581, duration: 23.484s, episode steps: 2782, steps per second: 118, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1407370/1500000: episode: 582, duration: 22.296s, episode steps: 2578, steps per second: 116, episode reward: 12.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1409599/1500000: episode: 583, duration: 18.988s, episode steps: 2229, steps per second: 117, episode reward: 12.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1411723/1500000: episode: 584, duration: 18.051s, episode steps: 2124, steps per second: 118, episode reward: 15.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1414263/1500000: episode: 585, duration: 21.543s, episode steps: 2540, steps per second: 118, episode reward: 15.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1417080/1500000: episode: 586, duration: 24.139s, episode steps: 2817, steps per second: 117, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1419223/1500000: episode: 587, duration: 19.307s, episode steps: 2143, steps per second: 111, episode reward: 14.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1421071/1500000: episode: 588, duration: 16.700s, episode steps: 1848, steps per second: 111, episode reward: 19.000, mean reward: 0.010 [-1.000, 1.000], mean action:
1423887/1500000: episode: 589, duration: 25.305s, episode steps: 2816, steps per second: 111, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1427161/1500000: episode: 590, duration: 29.541s, episode steps: 3274, steps per second: 111, episode reward: 3.000, mean reward: 0.001 [-1.000, 1.000], mean action:
1429550/1500000: episode: 591, duration: 20.842s, episode steps: 2389, steps per second: 115, episode reward: 17.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1432302/1500000: episode: 592, duration: 23.856s, episode steps: 2752, steps per second: 115, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1435967/1500000: episode: 593, duration: 31.742s, episode steps: 3665, steps per second: 115, episode reward: 1.000, mean reward: 0.000 [-1.000, 1.000], mean action:
1438095/1500000: episode: 594, duration: 18.457s, episode steps: 2128, steps per second: 115, episode reward: 15.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1440774/1500000: episode: 595, duration: 23.244s, episode steps: 2679, steps per second: 115, episode reward: 10.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1443606/1500000: episode: 596, duration: 25.020s, episode steps: 2832, steps per second: 113, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1446196/1500000: episode: 597, duration: 23.066s, episode steps: 2590, steps per second: 112, episode reward: 11.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1448198/1500000: episode: 598, duration: 17.297s, episode steps: 2002, steps per second: 116, episode reward: 18.000, mean reward: 0.009 [-1.000, 1.000], mean action:
1451024/1500000: episode: 599, duration: 24.485s, episode steps: 2826, steps per second: 115, episode reward: 6.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1453288/1500000: episode: 600, duration: 19.537s, episode steps: 2264, steps per second: 116, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1456098/1500000: episode: 601, duration: 24.260s, episode steps: 2810, steps per second: 116, episode reward: 12.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1458391/1500000: episode: 602, duration: 19.953s, episode steps: 2293, steps per second: 115, episode reward: 16.000, mean reward: 0.007 [-1.000, 1.000], mean action:
1460987/1500000: episode: 603, duration: 22.564s, episode steps: 2596, steps per second: 115, episode reward: 9.000, mean reward: 0.003 [-1.000, 1.000], mean action:
1463295/1500000: episode: 604, duration: 20.018s, episode steps: 2308, steps per second: 115, episode reward: 14.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1465534/1500000: episode: 605, duration: 19.486s, episode steps: 2239, steps per second: 115, episode reward: 14.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1467812/1500000: episode: 606, duration: 19.855s, episode steps: 2278, steps per second: 115, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1470815/1500000: episode: 607, duration: 26.175s, episode steps: 3003, steps per second: 115, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1473242/1500000: episode: 608, duration: 21.201s, episode steps: 2427, steps per second: 114, episode reward: 13.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1476443/1500000: episode: 609, duration: 28.648s, episode steps: 3201, steps per second: 112, episode reward: 7.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1478870/1500000: episode: 610, duration: 21.984s, episode steps: 2427, steps per second: 110, episode reward: 12.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1481190/1500000: episode: 611, duration: 21.242s, episode steps: 2320, steps per second: 109, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1483608/1500000: episode: 612, duration: 23.772s, episode steps: 2418, steps per second: 102, episode reward: 9.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1485951/1500000: episode: 613, duration: 22.901s, episode steps: 2343, steps per second: 102, episode reward: 13.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1489250/1500000: episode: 614, duration: 31.782s, episode steps: 3299, steps per second: 104, episode reward: 5.000, mean reward: 0.002 [-1.000, 1.000], mean action:
1491780/1500000: episode: 615, duration: 23.028s, episode steps: 2530, steps per second: 110, episode reward: 9.000, mean reward: 0.004 [-1.000, 1.000], mean action:
1494399/1500000: episode: 616, duration: 24.940s, episode steps: 2619, steps per second: 105, episode reward: 14.000, mean reward: 0.005 [-1.000, 1.000], mean action:
1496660/1500000: episode: 617, duration: 21.256s, episode steps: 2261, steps per second: 106, episode reward: 14.000, mean reward: 0.006 [-1.000, 1.000], mean action:
1498748/1500000: episode: 618, duration: 18.592s, episode steps: 2088, steps per second: 112, episode reward: 15.000, mean reward: 0.007 [-1.000, 1.000], mean action:

```

done, took 13087.561 seconds

Pesos guardados en: 202001101719\_dqn\_PongDeterministic-v0\_weights.h5f



Testing for 10 episodes ...

Episode 1: reward: 18.000, steps: 2097

Episode 2: reward: 13.000, steps: 2524

Episode 3: reward: 16.000, steps: 2123

Episode 4: reward: 14.000, steps: 2272

Episode 5: reward: 13.000, steps: 2279

Episode 6: reward: 15.000, steps: 2435

Episode 7: reward: 8.000, steps: 2669

Episode 8: reward: 13.000, steps: 2309

Episode 9: reward: 12.000, steps: 2665

Episode 10: reward: 12.000, steps: 2484

mean reward: 13.4

```
mean_steps: 2385.7  
(13.4, 2385.7)
```