Ep: 1 | --- | Collision: 1 | ep\_r: -163.8 | step: 300 | pose\_error: 0.0906 | orient\_error: 0.5304

Ep: 2 | --- | Collision: 1 | ep\_r: -166.0 | step: 300 | pose\_error: 0.2241 | orient\_error: 0.2063

Ep: 3 | --- | Collision: 0 | ep\_r: -150.9 | step: 300 | pose\_error: 0.2037 | orient\_error: 0.3590

Ep: 4 | --- | Collision: 1 | ep\_r: -130.7 | step: 300 | pose\_error: 0.2104 | orient\_error: 0.3232

Ep: 5 | --- | Collision: 1 | ep\_r: -161.8 | step: 300 | pose\_error: 0.2532 | orient\_error: 0.1992

Ep: 6 | --- | Collision: 1 | ep\_r: -199.7 | step: 300 | pose\_error: 0.2877 | orient\_error: 0.4807

Ep: 7 | --- | Collision: 1 | ep\_r: -160.6 | step: 300 | pose\_error: 0.1680 | orient\_error: 0.3857

Ep: 8 | --- | Collision: 0 | ep\_r: -126.3 | step: 300 | pose\_error: 0.2829 | orient\_error: 0.1450

Ep: 9 | --- | Collision: 1 | ep\_r: -84.7 | step: 300 | pose\_error: 0.1362 | orient\_error: 0.5349

Ep: 10 | --- | Collision: 0 | ep\_r: -102.5 | step: 300 | pose\_error: 0.2449 | orient\_error: 0.1403

Ep: 11 | --- | Collision: 1 | ep\_r: -136.8 | step: 300 | pose\_error: 0.3306 | orient\_error: 0.4303

Ep: 12 | --- | Collision: 1 | ep\_r: -151.7 | step: 300 | pose\_error: 0.2462 | orient\_error: 0.3466

Ep: 13 | --- | Collision: 1 | ep\_r: -180.0 | step: 300 | pose\_error: 0.0638 | orient\_error: 0.3657

Ep: 14 | --- | Collision: 1 | ep\_r: -128.5 | step: 300 | pose\_error: 0.1191 | orient\_error: 0.5395

Ep: 15 | --- | Collision: 0 | ep\_r: -125.8 | step: 300 | pose\_error: 0.2953 | orient\_error: 0.4873

Ep: 16 | --- | Collision: 1 | ep\_r: -136.9 | step: 300 | pose\_error: 0.0868 | orient\_error: 0.1597

Ep: 17 | --- | Collision: 1 | ep\_r: -143.2 | step: 300 | pose\_error: 0.1511 | orient\_error: 0.3543

Ep: 18 | --- | Collision: 1 | ep\_r: -66.1 | step: 300 | pose\_error: 0.1253 | orient\_error: 0.2707

Ep: 19 | --- | Collision: 1 | ep\_r: -81.3 | step: 300 | pose\_error: 0.0592 | orient\_error: 0.2360

Ep: 20 | --- | Collision: 1 | ep\_r: -60.3 | step: 300 | pose\_error: 0.1079 | orient\_error: 0.2013

Ep: 21 | --- | Collision: 1 | ep\_r: -124.3 | step: 300 | pose\_error: 0.1296 | orient\_error: 0.1450

Ep: 22 | --- | Collision: 1 | ep\_r: -92.5 | step: 300 | pose\_error: 0.1550 | orient\_error: 0.2440

Ep: 23 | --- | Collision: 1 | ep\_r: -101.4 | step: 300 | pose\_error: 0.1266 | orient\_error: 0.2590

Ep: 24 | --- | Collision: 1 | ep\_r: -176.4 | step: 300 | pose\_error: 0.2051 | orient\_error: 0.4116

Ep: 25 | --- | Collision: 0 | ep\_r: -128.7 | step: 300 | pose\_error: 0.2566 | orient\_error: 0.1832

Ep: 26 | --- | Collision: 1 | ep\_r: -71.0 | step: 300 | pose\_error: 0.1463 | orient\_error: 0.1982

Ep: 27 | --- | Collision: 0 | ep\_r: -89.3 | step: 300 | pose\_error: 0.2435 | orient\_error: 0.4645

Ep: 28 | --- | Collision: 0 | ep\_r: -19.8 | step: 300 | pose\_error: 0.1258 | orient\_error: 0.1819

Ep: 29 | --- | Collision: 1 | ep\_r: -37.2 | step: 300 | pose\_error: 0.1249 | orient\_error: 0.1125

Ep: 30 | --- | Collision: 1 | ep\_r: -17.7 | step: 300 | pose\_error: 0.0587 | orient\_error: 0.2632

Ep: 31 | --- | Collision: 1 | ep\_r: -84.1 | step: 300 | pose\_error: 0.0826 | orient\_error: 0.2358

Ep: 32 | --- | Collision: 1 | ep\_r: -165.8 | step: 300 | pose\_error: 0.1079 | orient\_error: 0.4816

Ep: 33 | --- | Collision: 0 | ep\_r: -17.1 | step: 300 | pose\_error: 0.0819 | orient\_error: 0.2272

Ep: 34 | --- | Collision: 1 | ep\_r: -37.9 | step: 300 | pose\_error: 0.0573 | orient\_error: 0.2303

Ep: 35 | --- | Collision: 1 | ep\_r: -102.3 | step: 300 | pose\_error: 0.1652 | orient\_error: 0.4028

Ep: 36 | --- | Collision: 1 | ep\_r: -78.8 | step: 300 | pose\_error: 0.0851 | orient\_error: 0.1914

Ep: 37 | --- | Collision: 0 | ep\_r: -81.4 | step: 300 | pose\_error: 0.1774 | orient\_error: 0.2011

Ep: 38 | --- | Collision: 1 | ep\_r: -69.1 | step: 300 | pose\_error: 0.1265 | orient\_error: 0.2135

Ep: 39 | --- | Collision: 0 | ep\_r: -37.8 | step: 300 | pose\_error: 0.0985 | orient\_error: 0.1651

Ep: 40 | --- | Collision: 1 | ep\_r: -53.7 | step: 300 | pose\_error: 0.0911 | orient\_error: 0.3135

Ep: 41 | --- | Collision: 1 | ep\_r: -162.7 | step: 300 | pose\_error: 0.1760 | orient\_error: 0.4655

Ep: 42 | --- | Collision: 0 | ep\_r: -29.5 | step: 300 | pose\_error: 0.0855 | orient\_error: 0.2623

Ep: 43 | --- | Collision: 0 | ep\_r: -42.3 | step: 300 | pose\_error: 0.2300 | orient\_error: 0.2426

Ep: 44 | --- | Collision: 0 | ep\_r: -56.2 | step: 300 | pose\_error: 0.1722 | orient\_error: 0.0629

Ep: 45 | --- | Collision: 0 | ep\_r: -48.1 | step: 300 | pose\_error: 0.1422 | orient\_error: 0.2550

Ep: 46 | --- | Collision: 1 | ep\_r: -151.9 | step: 300 | pose\_error: 0.2743 | orient\_error: 0.1311

Ep: 47 | --- | Collision: 1 | ep\_r: -99.7 | step: 300 | pose\_error: 0.1105 | orient\_error: 0.1869

Ep: 48 | --- | Collision: 1 | ep\_r: -16.1 | step: 300 | pose\_error: 0.0875 | orient\_error: 0.2269

Ep: 49 | --- | Collision: 0 | ep\_r: -64.8 | step: 300 | pose\_error: 0.2748 | orient\_error: 0.3090

Ep: 50 | --- | Collision: 0 | ep\_r: -4.4 | step: 300 | pose\_error: 0.0640 | orient\_error: 0.2622

Ep: 51 | --- | Collision: 0 | ep\_r: -104.1 | step: 300 | pose\_error: 0.4207 | orient\_error: 0.4099

Ep: 52 | --- | Collision: 0 | ep\_r: -14.6 | step: 300 | pose\_error: 0.0835 | orient\_error: 0.1535

Ep: 53 | --- | Collision: 1 | ep\_r: -67.6 | step: 300 | pose\_error: 0.1932 | orient\_error: 0.4690

Ep: 54 | --- | Collision: 0 | ep\_r: -5.0 | step: 300 | pose\_error: 0.1282 | orient\_error: 0.1268

Ep: 55 | --- | Collision: 1 | ep\_r: -39.2 | step: 300 | pose\_error: 0.1973 | orient\_error: 0.2634

Ep: 56 | --- | Collision: 1 | ep\_r: -23.9 | step: 300 | pose\_error: 0.0761 | orient\_error: 0.5442

Ep: 57 | --- | Collision: 1 | ep\_r: -95.6 | step: 300 | pose\_error: 0.0620 | orient\_error: 0.2094

Ep: 58 | --- | Collision: 0 | ep\_r: 14.3 | step: 300 | pose\_error: 0.1054 | orient\_error: 0.1125

Ep: 59 | --- | Collision: 1 | ep\_r: -134.1 | step: 300 | pose\_error: 0.2424 | orient\_error: 0.7260

Ep: 60 | --- | Collision: 1 | ep\_r: -45.0 | step: 300 | pose\_error: 0.0685 | orient\_error: 0.4104

Ep: 61 | --- | Collision: 1 | ep\_r: -27.4 | step: 300 | pose\_error: 0.1169 | orient\_error: 0.3752

Ep: 62 | --- | Collision: 0 | ep\_r: -5.5 | step: 300 | pose\_error: 0.0892 | orient\_error: 0.1737

Ep: 63 | --- | Collision: 1 | ep\_r: -1.8 | step: 300 | pose\_error: 0.0920 | orient\_error: 0.1367

Ep: 64 | --- | Collision: 0 | ep\_r: -4.8 | step: 300 | pose\_error: 0.1023 | orient\_error: 0.1429

Ep: 65 | --- | Collision: 0 | ep\_r: 7.7 | step: 300 | pose\_error: 0.0680 | orient\_error: 0.1527

Ep: 66 | --- | Collision: 0 | ep\_r: -39.1 | step: 300 | pose\_error: 0.0966 | orient\_error: 0.2631

Ep: 67 | --- | Collision: 1 | ep\_r: -6.8 | step: 300 | pose\_error: 0.0832 | orient\_error: 0.1900

Ep: 68 | --- | Collision: 1 | ep\_r: -3.0 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.2706

Ep: 69 | --- | Collision: 0 | ep\_r: 17.2 | step: 300 | pose\_error: 0.0693 | orient\_error: 0.1931

Ep: 70 | --- | Collision: 0 | ep\_r: 13.0 | step: 300 | pose\_error: 0.0507 | orient\_error: 0.2514

Ep: 71 | --- | Collision: 1 | ep\_r: 18.1 | step: 300 | pose\_error: 0.0415 | orient\_error: 0.2370

Ep: 72 | --- | Collision: 1 | ep\_r: -18.9 | step: 300 | pose\_error: 0.1009 | orient\_error: 0.1975

Ep: 73 | --- | Collision: 1 | ep\_r: -94.5 | step: 300 | pose\_error: 0.1316 | orient\_error: 0.2101

Ep: 74 | --- | Collision: 1 | ep\_r: -63.3 | step: 300 | pose\_error: 0.0725 | orient\_error: 0.0892

Ep: 75 | --- | Collision: 0 | ep\_r: 28.0 | step: 300 | pose\_error: 0.0617 | orient\_error: 0.1913

Ep: 76 | --- | Collision: 0 | ep\_r: 6.2 | step: 300 | pose\_error: 0.0682 | orient\_error: 0.2120

Ep: 77 | --- | Collision: 1 | ep\_r: 32.7 | step: 300 | pose\_error: 0.0631 | orient\_error: 0.0727

Ep: 78 | --- | Collision: 0 | ep\_r: 30.1 | step: 300 | pose\_error: 0.0578 | orient\_error: 0.1747

Ep: 79 | --- | Collision: 0 | ep\_r: 24.7 | step: 300 | pose\_error: 0.0476 | orient\_error: 0.1674

Ep: 80 | --- | Collision: 1 | ep\_r: 4.8 | step: 300 | pose\_error: 0.0618 | orient\_error: 0.1254

Ep: 81 | --- | Collision: 0 | ep\_r: 32.4 | step: 300 | pose\_error: 0.0614 | orient\_error: 0.1625

Ep: 82 | --- | Collision: 0 | ep\_r: 18.4 | step: 300 | pose\_error: 0.0580 | orient\_error: 0.1944

Ep: 83 | --- | Collision: 0 | ep\_r: 37.2 | step: 300 | pose\_error: 0.0540 | orient\_error: 0.1125

Ep: 84 | --- | Collision: 0 | ep\_r: 5.2 | step: 300 | pose\_error: 0.1117 | orient\_error: 0.3825

Ep: 85 | --- | Collision: 0 | ep\_r: 36.8 | step: 300 | pose\_error: 0.0719 | orient\_error: 0.1601

Ep: 86 | --- | Collision: 0 | ep\_r: 33.9 | step: 300 | pose\_error: 0.0480 | orient\_error: 0.1447

Ep: 87 | --- | Collision: 0 | ep\_r: 19.6 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.1165

Ep: 88 | --- | Collision: 0 | ep\_r: 35.0 | step: 300 | pose\_error: 0.0623 | orient\_error: 0.1149

Ep: 89 | --- | Collision: 0 | ep\_r: -10.0 | step: 300 | pose\_error: 0.0708 | orient\_error: 0.3962

Ep: 90 | --- | Collision: 1 | ep\_r: -104.8 | step: 300 | pose\_error: 0.3227 | orient\_error: 0.2270

Ep: 91 | --- | Collision: 0 | ep\_r: -7.0 | step: 300 | pose\_error: 0.0501 | orient\_error: 0.1192

Ep: 92 | --- | Collision: 0 | ep\_r: -11.3 | step: 300 | pose\_error: 0.0766 | orient\_error: 0.4448

Ep: 93 | --- | Collision: 0 | ep\_r: -10.6 | step: 300 | pose\_error: 0.0841 | orient\_error: 0.4386

Ep: 94 | --- | Collision: 0 | ep\_r: 4.4 | step: 300 | pose\_error: 0.1072 | orient\_error: 0.2908

Ep: 95 | --- | Collision: 0 | ep\_r: 25.8 | step: 300 | pose\_error: 0.0440 | orient\_error: 0.2553

Ep: 96 | --- | Collision: 0 | ep\_r: -22.9 | step: 300 | pose\_error: 0.1274 | orient\_error: 0.5050

Ep: 97 | --- | Collision: 0 | ep\_r: 3.2 | step: 300 | pose\_error: 0.0266 | orient\_error: 0.4546

Ep: 98 | --- | Collision: 1 | ep\_r: -37.8 | step: 300 | pose\_error: 0.1264 | orient\_error: 0.2748

Ep: 99 | --- | Collision: 0 | ep\_r: -20.3 | step: 300 | pose\_error: 0.1089 | orient\_error: 0.1841

Ep: 100 | --- | Collision: 0 | ep\_r: -4.0 | step: 300 | pose\_error: 0.0631 | orient\_error: 0.2872

Ep: 101 | --- | Collision: 0 | ep\_r: 14.5 | step: 300 | pose\_error: 0.0733 | orient\_error: 0.3175

Ep: 102 | --- | Collision: 0 | ep\_r: 4.0 | step: 300 | pose\_error: 0.1101 | orient\_error: 0.2471

Ep: 103 | --- | Collision: 0 | ep\_r: -45.4 | step: 300 | pose\_error: 0.0845 | orient\_error: 0.1732

Ep: 104 | --- | Collision: 1 | ep\_r: -68.2 | step: 300 | pose\_error: 0.0752 | orient\_error: 0.2025

Ep: 105 | --- | Collision: 1 | ep\_r: -36.3 | step: 300 | pose\_error: 0.0647 | orient\_error: 0.1787

Ep: 106 | --- | Collision: 1 | ep\_r: -22.4 | step: 300 | pose\_error: 0.0780 | orient\_error: 0.1717

Ep: 107 | --- | Collision: 1 | ep\_r: -63.5 | step: 300 | pose\_error: 0.0711 | orient\_error: 0.2290

Ep: 108 | --- | Collision: 0 | ep\_r: -34.3 | step: 300 | pose\_error: 0.0578 | orient\_error: 0.2314

Ep: 109 | --- | Collision: 1 | ep\_r: -23.4 | step: 300 | pose\_error: 0.0535 | orient\_error: 0.1784

Ep: 110 | --- | Collision: 0 | ep\_r: 7.3 | step: 300 | pose\_error: 0.0805 | orient\_error: 0.1423

Ep: 111 | --- | Collision: 0 | ep\_r: -14.6 | step: 300 | pose\_error: 0.0488 | orient\_error: 0.1260

Ep: 112 | --- | Collision: 1 | ep\_r: -58.6 | step: 300 | pose\_error: 0.0791 | orient\_error: 0.1815

Ep: 113 | --- | Collision: 1 | ep\_r: -23.4 | step: 300 | pose\_error: 0.0771 | orient\_error: 0.2801

Ep: 114 | --- | Collision: 0 | ep\_r: -16.9 | step: 300 | pose\_error: 0.1112 | orient\_error: 0.3087

Ep: 115 | --- | Collision: 0 | ep\_r: -3.2 | step: 300 | pose\_error: 0.0728 | orient\_error: 0.1847

Ep: 116 | --- | Collision: 0 | ep\_r: 0.1 | step: 300 | pose\_error: 0.0657 | orient\_error: 0.1909

Ep: 117 | --- | Collision: 0 | ep\_r: -11.7 | step: 300 | pose\_error: 0.0631 | orient\_error: 0.1964

Ep: 118 | --- | Collision: 1 | ep\_r: -87.3 | step: 300 | pose\_error: 0.0626 | orient\_error: 0.1289

Ep: 119 | --- | Collision: 1 | ep\_r: -47.0 | step: 300 | pose\_error: 0.0839 | orient\_error: 0.2216

Ep: 120 | --- | Collision: 0 | ep\_r: -17.9 | step: 300 | pose\_error: 0.1030 | orient\_error: 0.2489

Ep: 121 | --- | Collision: 0 | ep\_r: 0.3 | step: 300 | pose\_error: 0.0867 | orient\_error: 0.1719

Ep: 122 | --- | Collision: 1 | ep\_r: 26.5 | step: 300 | pose\_error: 0.0462 | orient\_error: 0.1083

Ep: 123 | --- | Collision: 1 | ep\_r: 25.8 | step: 300 | pose\_error: 0.0463 | orient\_error: 0.1654

Ep: 124 | --- | Collision: 1 | ep\_r: 1.6 | step: 300 | pose\_error: 0.0735 | orient\_error: 0.1373

Ep: 125 | --- | Collision: 0 | ep\_r: 14.8 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.1400

Ep: 126 | --- | Collision: 1 | ep\_r: -11.7 | step: 300 | pose\_error: 0.1290 | orient\_error: 0.1151

Ep: 127 | --- | Collision: 1 | ep\_r: -92.8 | step: 300 | pose\_error: 0.0611 | orient\_error: 0.2375

Ep: 128 | --- | Collision: 0 | ep\_r: -3.3 | step: 300 | pose\_error: 0.0915 | orient\_error: 0.0746

Ep: 129 | --- | Collision: 0 | ep\_r: 12.8 | step: 300 | pose\_error: 0.1084 | orient\_error: 0.1386

Ep: 130 | --- | Collision: 0 | ep\_r: 19.9 | step: 300 | pose\_error: 0.0820 | orient\_error: 0.0816

Ep: 131 | --- | Collision: 1 | ep\_r: 21.1 | step: 300 | pose\_error: 0.0413 | orient\_error: 0.1313

Ep: 132 | --- | Collision: 0 | ep\_r: 14.4 | step: 300 | pose\_error: 0.0689 | orient\_error: 0.1162

Ep: 133 | --- | Collision: 0 | ep\_r: 11.7 | step: 300 | pose\_error: 0.0710 | orient\_error: 0.1513

Ep: 134 | --- | Collision: 0 | ep\_r: -9.5 | step: 300 | pose\_error: 0.0497 | orient\_error: 0.1881

Ep: 135 | --- | Collision: 0 | ep\_r: 31.1 | step: 300 | pose\_error: 0.0486 | orient\_error: 0.1220

Ep: 136 | --- | Collision: 0 | ep\_r: 38.7 | step: 300 | pose\_error: 0.0573 | orient\_error: 0.0999

Ep: 137 | --- | Collision: 0 | ep\_r: 36.4 | step: 300 | pose\_error: 0.0676 | orient\_error: 0.1202

Ep: 138 | --- | Collision: 0 | ep\_r: 37.8 | step: 300 | pose\_error: 0.0917 | orient\_error: 0.1727

Ep: 139 | --- | Collision: 0 | ep\_r: 35.2 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.1316

Ep: 140 | --- | Collision: 0 | ep\_r: 31.0 | step: 300 | pose\_error: 0.0574 | orient\_error: 0.1243

Ep: 141 | --- | Collision: 0 | ep\_r: 36.9 | step: 300 | pose\_error: 0.0586 | orient\_error: 0.1091

Ep: 142 | --- | Collision: 0 | ep\_r: 38.8 | step: 300 | pose\_error: 0.0514 | orient\_error: 0.1270

Ep: 143 | --- | Collision: 0 | ep\_r: 16.7 | step: 300 | pose\_error: 0.0881 | orient\_error: 0.1502

Ep: 144 | --- | Collision: 0 | ep\_r: 39.3 | step: 300 | pose\_error: 0.0308 | orient\_error: 0.1309

Ep: 145 | --- | Collision: 0 | ep\_r: 46.6 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.1235

Ep: 146 | --- | Collision: 0 | ep\_r: 32.7 | step: 300 | pose\_error: 0.0506 | orient\_error: 0.1237

Ep: 147 | --- | Collision: 0 | ep\_r: 47.6 | step: 300 | pose\_error: 0.0474 | orient\_error: 0.1424

Ep: 148 | --- | Collision: 0 | ep\_r: 34.4 | step: 300 | pose\_error: 0.0580 | orient\_error: 0.0941

Ep: 149 | --- | Collision: 0 | ep\_r: 40.3 | step: 300 | pose\_error: 0.0607 | orient\_error: 0.1410

Ep: 150 | --- | Collision: 0 | ep\_r: 27.9 | step: 300 | pose\_error: 0.0380 | orient\_error: 0.1582

Ep: 151 | --- | Collision: 1 | ep\_r: 24.1 | step: 300 | pose\_error: 0.0537 | orient\_error: 0.1101

Ep: 152 | --- | Collision: 1 | ep\_r: 3.3 | step: 300 | pose\_error: 0.0502 | orient\_error: 0.1763

Ep: 153 | --- | Collision: 1 | ep\_r: 2.7 | step: 300 | pose\_error: 0.0483 | orient\_error: 0.1679

Ep: 154 | --- | Collision: 1 | ep\_r: -19.4 | step: 300 | pose\_error: 0.0885 | orient\_error: 0.2061

Ep: 155 | --- | Collision: 1 | ep\_r: -3.0 | step: 300 | pose\_error: 0.0531 | orient\_error: 0.1585

Ep: 156 | --- | Collision: 1 | ep\_r: 14.3 | step: 300 | pose\_error: 0.0465 | orient\_error: 0.1264

Ep: 157 | --- | Collision: 1 | ep\_r: 10.3 | step: 300 | pose\_error: 0.0443 | orient\_error: 0.1550

Ep: 158 | --- | Collision: 1 | ep\_r: -3.1 | step: 300 | pose\_error: 0.0762 | orient\_error: 0.2036

Ep: 159 | --- | Collision: 1 | ep\_r: -28.6 | step: 300 | pose\_error: 0.0840 | orient\_error: 0.2253

Ep: 160 | --- | Collision: 0 | ep\_r: 21.9 | step: 300 | pose\_error: 0.0396 | orient\_error: 0.1662

Ep: 161 | --- | Collision: 1 | ep\_r: -19.6 | step: 300 | pose\_error: 0.0785 | orient\_error: 0.1045

Ep: 162 | --- | Collision: 1 | ep\_r: -43.7 | step: 300 | pose\_error: 0.1013 | orient\_error: 0.1019

Ep: 163 | --- | Collision: 1 | ep\_r: 15.8 | step: 300 | pose\_error: 0.0777 | orient\_error: 0.1017

Ep: 164 | --- | Collision: 1 | ep\_r: -63.1 | step: 300 | pose\_error: 0.1823 | orient\_error: 0.1872

Ep: 165 | --- | Collision: 1 | ep\_r: 15.6 | step: 300 | pose\_error: 0.0664 | orient\_error: 0.1520

Ep: 166 | --- | Collision: 0 | ep\_r: 30.9 | step: 300 | pose\_error: 0.0857 | orient\_error: 0.0928

Ep: 167 | --- | Collision: 1 | ep\_r: 11.6 | step: 300 | pose\_error: 0.0487 | orient\_error: 0.1858

Ep: 168 | --- | Collision: 0 | ep\_r: 34.1 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.1456

Ep: 169 | --- | Collision: 0 | ep\_r: 32.2 | step: 300 | pose\_error: 0.0724 | orient\_error: 0.0853

Ep: 170 | --- | Collision: 0 | ep\_r: 37.6 | step: 300 | pose\_error: 0.0655 | orient\_error: 0.0894

Ep: 171 | --- | Collision: 0 | ep\_r: 39.8 | step: 300 | pose\_error: 0.0696 | orient\_error: 0.0894

Ep: 172 | --- | Collision: 0 | ep\_r: 37.5 | step: 300 | pose\_error: 0.0591 | orient\_error: 0.0771

Ep: 173 | --- | Collision: 1 | ep\_r: 1.8 | step: 300 | pose\_error: 0.0595 | orient\_error: 0.0857

Ep: 174 | --- | Collision: 0 | ep\_r: 24.9 | step: 300 | pose\_error: 0.0785 | orient\_error: 0.0595

Ep: 175 | --- | Collision: 0 | ep\_r: 38.6 | step: 300 | pose\_error: 0.0761 | orient\_error: 0.0817

Ep: 176 | --- | Collision: 0 | ep\_r: 31.5 | step: 300 | pose\_error: 0.0634 | orient\_error: 0.1036

Ep: 177 | --- | Collision: 0 | ep\_r: 38.5 | step: 300 | pose\_error: 0.0571 | orient\_error: 0.1457

Ep: 178 | --- | Collision: 0 | ep\_r: 40.3 | step: 300 | pose\_error: 0.0628 | orient\_error: 0.0789

Ep: 179 | --- | Collision: 0 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0383 | orient\_error: 0.1462

Ep: 180 | --- | Collision: 0 | ep\_r: 47.3 | step: 300 | pose\_error: 0.0527 | orient\_error: 0.0808

Ep: 181 | --- | Collision: 0 | ep\_r: 37.3 | step: 300 | pose\_error: 0.0451 | orient\_error: 0.1773

Ep: 182 | --- | Collision: 1 | ep\_r: 8.2 | step: 300 | pose\_error: 0.0555 | orient\_error: 0.1443

Ep: 183 | --- | Collision: 0 | ep\_r: 35.2 | step: 300 | pose\_error: 0.0526 | orient\_error: 0.0899

Ep: 184 | --- | Collision: 1 | ep\_r: 34.8 | step: 300 | pose\_error: 0.0391 | orient\_error: 0.1788

Ep: 185 | --- | Collision: 1 | ep\_r: 44.4 | step: 300 | pose\_error: 0.0339 | orient\_error: 0.1121

Ep: 186 | --- | Collision: 1 | ep\_r: 42.3 | step: 300 | pose\_error: 0.0443 | orient\_error: 0.1333

Ep: 187 | --- | Collision: 1 | ep\_r: 47.7 | step: 300 | pose\_error: 0.0408 | orient\_error: 0.1088

Ep: 188 | --- | Collision: 1 | ep\_r: 53.3 | step: 300 | pose\_error: 0.0300 | orient\_error: 0.1240

Ep: 189 | --- | Collision: 0 | ep\_r: 50.5 | step: 300 | pose\_error: 0.0321 | orient\_error: 0.1007

Ep: 190 | --- | Collision: 1 | ep\_r: 20.2 | step: 300 | pose\_error: 0.0390 | orient\_error: 0.0742

Ep: 191 | --- | Collision: 1 | ep\_r: 39.9 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.1305

Ep: 192 | --- | Collision: 1 | ep\_r: 21.8 | step: 300 | pose\_error: 0.0266 | orient\_error: 0.0835

Ep: 193 | --- | Collision: 1 | ep\_r: -109.8 | step: 300 | pose\_error: 0.0888 | orient\_error: 0.4555

Ep: 194 | --- | Collision: 1 | ep\_r: -48.1 | step: 300 | pose\_error: 0.0523 | orient\_error: 0.4033

Ep: 195 | --- | Collision: 0 | ep\_r: 56.4 | step: 300 | pose\_error: 0.0266 | orient\_error: 0.1319

Ep: 196 | --- | Collision: 0 | ep\_r: 18.0 | step: 300 | pose\_error: 0.1024 | orient\_error: 0.2473

Ep: 197 | --- | Collision: 1 | ep\_r: -28.9 | step: 300 | pose\_error: 0.0474 | orient\_error: 0.1957

Ep: 198 | --- | Collision: 0 | ep\_r: 40.5 | step: 300 | pose\_error: 0.0607 | orient\_error: 0.1167

Ep: 199 | --- | Collision: 1 | ep\_r: -85.2 | step: 300 | pose\_error: 0.1580 | orient\_error: 0.3913

Ep: 200 | --- | Collision: 0 | ep\_r: 56.5 | step: 300 | pose\_error: 0.0232 | orient\_error: 0.0814

Ep: 201 | --- | Collision: 1 | ep\_r: -124.8 | step: 300 | pose\_error: 0.2294 | orient\_error: 0.3443

Ep: 202 | --- | Collision: 1 | ep\_r: -59.0 | step: 300 | pose\_error: 0.2205 | orient\_error: 0.0759

Ep: 203 | --- | Collision: 1 | ep\_r: -83.1 | step: 300 | pose\_error: 0.1869 | orient\_error: 0.2056

Ep: 204 | --- | Collision: 1 | ep\_r: -6.9 | step: 300 | pose\_error: 0.0473 | orient\_error: 0.2360

Ep: 205 | --- | Collision: 1 | ep\_r: -13.9 | step: 300 | pose\_error: 0.0624 | orient\_error: 0.2150

Ep: 206 | --- | Collision: 1 | ep\_r: -77.0 | step: 300 | pose\_error: 0.1935 | orient\_error: 0.1098

Ep: 207 | --- | Collision: 0 | ep\_r: 45.7 | step: 300 | pose\_error: 0.0635 | orient\_error: 0.1349

Ep: 208 | --- | Collision: 0 | ep\_r: 16.8 | step: 300 | pose\_error: 0.0480 | orient\_error: 0.2163

Ep: 209 | --- | Collision: 0 | ep\_r: 27.0 | step: 300 | pose\_error: 0.0354 | orient\_error: 0.1882

Ep: 210 | --- | Collision: 1 | ep\_r: 17.5 | step: 300 | pose\_error: 0.0869 | orient\_error: 0.1478

Ep: 211 | --- | Collision: 0 | ep\_r: 47.8 | step: 300 | pose\_error: 0.0556 | orient\_error: 0.1155

Ep: 212 | --- | Collision: 0 | ep\_r: 49.8 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.1171

Ep: 213 | --- | Collision: 1 | ep\_r: 5.3 | step: 300 | pose\_error: 0.0563 | orient\_error: 0.1638

Ep: 214 | --- | Collision: 0 | ep\_r: 37.1 | step: 300 | pose\_error: 0.0484 | orient\_error: 0.1208

Ep: 215 | --- | Collision: 1 | ep\_r: -42.9 | step: 300 | pose\_error: 0.1381 | orient\_error: 0.3238

Ep: 216 | --- | Collision: 1 | ep\_r: -15.1 | step: 300 | pose\_error: 0.2787 | orient\_error: 0.1379

Ep: 217 | --- | Collision: 1 | ep\_r: 21.7 | step: 300 | pose\_error: 0.0287 | orient\_error: 0.1358

Ep: 218 | --- | Collision: 1 | ep\_r: 7.6 | step: 300 | pose\_error: 0.0642 | orient\_error: 0.1801

Ep: 219 | --- | Collision: 1 | ep\_r: 20.4 | step: 300 | pose\_error: 0.0618 | orient\_error: 0.1834

Ep: 220 | --- | Collision: 0 | ep\_r: 55.8 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.1330

Ep: 221 | --- | Collision: 0 | ep\_r: 42.1 | step: 300 | pose\_error: 0.0277 | orient\_error: 0.1239

Ep: 222 | --- | Collision: 0 | ep\_r: 63.0 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.1044

Ep: 223 | --- | Collision: 0 | ep\_r: 59.4 | step: 300 | pose\_error: 0.0438 | orient\_error: 0.1170

Ep: 224 | --- | Collision: 0 | ep\_r: 66.0 | step: 300 | pose\_error: 0.0279 | orient\_error: 0.0830

Ep: 225 | --- | Collision: 0 | ep\_r: 38.2 | step: 300 | pose\_error: 0.0305 | orient\_error: 0.1779

Ep: 226 | --- | Collision: 0 | ep\_r: 48.3 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.1350

Ep: 227 | --- | Collision: 0 | ep\_r: 22.7 | step: 300 | pose\_error: 0.0575 | orient\_error: 0.1148

Ep: 228 | --- | Collision: 0 | ep\_r: 49.3 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.0827

Ep: 229 | --- | Collision: 1 | ep\_r: 13.0 | step: 300 | pose\_error: 0.0581 | orient\_error: 0.1305

Ep: 230 | --- | Collision: 0 | ep\_r: 31.7 | step: 300 | pose\_error: 0.0507 | orient\_error: 0.1398

Ep: 231 | --- | Collision: 0 | ep\_r: 70.9 | step: 300 | pose\_error: 0.0287 | orient\_error: 0.0764

Ep: 232 | --- | Collision: 0 | ep\_r: 56.8 | step: 300 | pose\_error: 0.0434 | orient\_error: 0.1015

Ep: 233 | --- | Collision: 0 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0474 | orient\_error: 0.0910

Ep: 234 | --- | Collision: 0 | ep\_r: 52.5 | step: 300 | pose\_error: 0.0468 | orient\_error: 0.0707

Ep: 235 | --- | Collision: 0 | ep\_r: 72.1 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0490

Ep: 236 | --- | Collision: 0 | ep\_r: 69.2 | step: 300 | pose\_error: 0.0393 | orient\_error: 0.0459

Ep: 237 | --- | Collision: 0 | ep\_r: 68.5 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.0413

Ep: 238 | --- | Collision: 1 | ep\_r: 32.8 | step: 300 | pose\_error: 0.0296 | orient\_error: 0.0594

Ep: 239 | --- | Collision: 1 | ep\_r: -50.1 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.1586

Ep: 240 | --- | Collision: 1 | ep\_r: -7.9 | step: 300 | pose\_error: 0.0324 | orient\_error: 0.1585

Ep: 241 | --- | Collision: 0 | ep\_r: -31.4 | step: 300 | pose\_error: 0.0807 | orient\_error: 0.1976

Ep: 242 | --- | Collision: 0 | ep\_r: 53.5 | step: 300 | pose\_error: 0.0522 | orient\_error: 0.0930

Ep: 243 | --- | Collision: 1 | ep\_r: -9.6 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0864

Ep: 244 | --- | Collision: 0 | ep\_r: 57.3 | step: 300 | pose\_error: 0.0446 | orient\_error: 0.1551

Ep: 245 | --- | Collision: 0 | ep\_r: 53.8 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0934

Ep: 246 | --- | Collision: 0 | ep\_r: 29.5 | step: 300 | pose\_error: 0.0673 | orient\_error: 0.1621

Ep: 247 | --- | Collision: 0 | ep\_r: 32.4 | step: 300 | pose\_error: 0.0364 | orient\_error: 0.1781

Ep: 248 | --- | Collision: 0 | ep\_r: 64.4 | step: 300 | pose\_error: 0.0245 | orient\_error: 0.0371

Ep: 249 | --- | Collision: 1 | ep\_r: 9.4 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.2168

Ep: 250 | --- | Collision: 0 | ep\_r: 18.8 | step: 300 | pose\_error: 0.0372 | orient\_error: 0.1826

Ep: 251 | --- | Collision: 0 | ep\_r: 55.2 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.0654

Ep: 252 | --- | Collision: 0 | ep\_r: 65.2 | step: 300 | pose\_error: 0.0810 | orient\_error: 0.0391

Ep: 253 | --- | Collision: 0 | ep\_r: 47.3 | step: 300 | pose\_error: 0.0606 | orient\_error: 0.1676

Ep: 254 | --- | Collision: 0 | ep\_r: 50.4 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.1187

Ep: 255 | --- | Collision: 0 | ep\_r: 58.9 | step: 300 | pose\_error: 0.0194 | orient\_error: 0.1273

Ep: 256 | --- | Collision: 0 | ep\_r: 55.5 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.1228

Ep: 257 | --- | Collision: 0 | ep\_r: 52.1 | step: 300 | pose\_error: 0.0281 | orient\_error: 0.0798

Ep: 258 | --- | Collision: 1 | ep\_r: 3.3 | step: 300 | pose\_error: 0.0480 | orient\_error: 0.1434

Ep: 259 | --- | Collision: 0 | ep\_r: 63.6 | step: 300 | pose\_error: 0.0543 | orient\_error: 0.1148

Ep: 260 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0373 | orient\_error: 0.1332

Ep: 261 | --- | Collision: 0 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0274 | orient\_error: 0.0897

Ep: 262 | --- | Collision: 0 | ep\_r: 78.4 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.0542

Ep: 263 | --- | Collision: 0 | ep\_r: 16.2 | step: 300 | pose\_error: 0.0542 | orient\_error: 0.1903

Ep: 264 | --- | Collision: 0 | ep\_r: 59.8 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.1023

Ep: 265 | --- | Collision: 1 | ep\_r: 50.7 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0904

Ep: 266 | --- | Collision: 0 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0534 | orient\_error: 0.0721

Ep: 267 | --- | Collision: 0 | ep\_r: 53.2 | step: 300 | pose\_error: 0.0245 | orient\_error: 0.1278

Ep: 268 | --- | Collision: 0 | ep\_r: 75.3 | step: 300 | pose\_error: 0.0290 | orient\_error: 0.0754

Ep: 269 | --- | Collision: 0 | ep\_r: 50.0 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.1353

Ep: 270 | --- | Collision: 0 | ep\_r: 61.4 | step: 300 | pose\_error: 0.0562 | orient\_error: 0.0305

Ep: 271 | --- | Collision: 0 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0444 | orient\_error: 0.1027

Ep: 272 | --- | Collision: 0 | ep\_r: 68.3 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.0589

Ep: 273 | --- | Collision: 1 | ep\_r: 1.9 | step: 300 | pose\_error: 0.0453 | orient\_error: 0.1360

Ep: 274 | --- | Collision: 0 | ep\_r: 59.5 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0847

Ep: 275 | --- | Collision: 0 | ep\_r: 54.0 | step: 300 | pose\_error: 0.0762 | orient\_error: 0.0582

Ep: 276 | --- | Collision: 0 | ep\_r: 67.1 | step: 300 | pose\_error: 0.0420 | orient\_error: 0.0493

Ep: 277 | --- | Collision: 0 | ep\_r: 42.3 | step: 300 | pose\_error: 0.0351 | orient\_error: 0.1257

Ep: 278 | --- | Collision: 0 | ep\_r: 58.2 | step: 300 | pose\_error: 0.0424 | orient\_error: 0.0649

Ep: 279 | --- | Collision: 0 | ep\_r: 54.0 | step: 300 | pose\_error: 0.0340 | orient\_error: 0.1186

Ep: 280 | --- | Collision: 0 | ep\_r: 63.0 | step: 300 | pose\_error: 0.0299 | orient\_error: 0.1000

Ep: 281 | --- | Collision: 0 | ep\_r: 42.9 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.1437

Ep: 282 | --- | Collision: 1 | ep\_r: 34.5 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0541

Ep: 283 | --- | Collision: 1 | ep\_r: -78.3 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.2903

Ep: 284 | --- | Collision: 0 | ep\_r: 58.8 | step: 300 | pose\_error: 0.0261 | orient\_error: 0.1232

Ep: 285 | --- | Collision: 0 | ep\_r: 20.0 | step: 300 | pose\_error: 0.1196 | orient\_error: 0.2392

Ep: 286 | --- | Collision: 0 | ep\_r: 12.3 | step: 300 | pose\_error: 0.1260 | orient\_error: 0.1322

Ep: 287 | --- | Collision: 0 | ep\_r: 57.5 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0151

Ep: 288 | --- | Collision: 0 | ep\_r: 45.2 | step: 300 | pose\_error: 0.0595 | orient\_error: 0.1901

Ep: 289 | --- | Collision: 1 | ep\_r: -2.0 | step: 300 | pose\_error: 0.0515 | orient\_error: 0.1327

Ep: 290 | --- | Collision: 1 | ep\_r: -77.7 | step: 300 | pose\_error: 0.0789 | orient\_error: 0.1721

Ep: 291 | --- | Collision: 1 | ep\_r: -177.4 | step: 300 | pose\_error: 0.2403 | orient\_error: 0.2338

Ep: 292 | --- | Collision: 0 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0382 | orient\_error: 0.0648

Ep: 293 | --- | Collision: 0 | ep\_r: 79.2 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.1014

Ep: 294 | --- | Collision: 0 | ep\_r: 62.6 | step: 300 | pose\_error: 0.0434 | orient\_error: 0.1215

Ep: 295 | --- | Collision: 0 | ep\_r: 57.7 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0656

Ep: 296 | --- | Collision: 0 | ep\_r: 68.6 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1176

Ep: 297 | --- | Collision: 1 | ep\_r: -49.5 | step: 300 | pose\_error: 0.1634 | orient\_error: 0.4762

Ep: 298 | --- | Collision: 0 | ep\_r: 72.0 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0523

Ep: 299 | --- | Collision: 0 | ep\_r: 68.6 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.0482

Ep: 300 | --- | Collision: 1 | ep\_r: -155.4 | step: 300 | pose\_error: 0.2608 | orient\_error: 0.4672

Ep: 301 | --- | Collision: 1 | ep\_r: -89.3 | step: 300 | pose\_error: 0.1126 | orient\_error: 0.6308

Ep: 302 | --- | Collision: 1 | ep\_r: -76.1 | step: 300 | pose\_error: 0.1121 | orient\_error: 0.4221

Ep: 303 | --- | Collision: 1 | ep\_r: 40.7 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0627

Ep: 304 | --- | Collision: 1 | ep\_r: 42.5 | step: 300 | pose\_error: 0.0543 | orient\_error: 0.2720

Ep: 305 | --- | Collision: 1 | ep\_r: 54.9 | step: 300 | pose\_error: 0.0431 | orient\_error: 0.1439

Ep: 306 | --- | Collision: 1 | ep\_r: -162.3 | step: 300 | pose\_error: 0.0981 | orient\_error: 0.2196

Ep: 307 | --- | Collision: 0 | ep\_r: 35.4 | step: 300 | pose\_error: 0.0561 | orient\_error: 0.1189

Ep: 308 | --- | Collision: 1 | ep\_r: -103.5 | step: 300 | pose\_error: 0.1164 | orient\_error: 0.3701

Ep: 309 | --- | Collision: 1 | ep\_r: -100.4 | step: 300 | pose\_error: 0.0391 | orient\_error: 0.3173

Ep: 310 | --- | Collision: 1 | ep\_r: -98.7 | step: 300 | pose\_error: 0.1370 | orient\_error: 0.0757

Ep: 311 | --- | Collision: 1 | ep\_r: -78.8 | step: 300 | pose\_error: 0.0599 | orient\_error: 0.3365

Ep: 312 | --- | Collision: 1 | ep\_r: 7.2 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.1337

Ep: 313 | --- | Collision: 1 | ep\_r: -62.6 | step: 300 | pose\_error: 0.0416 | orient\_error: 0.2493

Ep: 314 | --- | Collision: 1 | ep\_r: -9.9 | step: 300 | pose\_error: 0.0481 | orient\_error: 0.1408

Ep: 315 | --- | Collision: 1 | ep\_r: -137.9 | step: 300 | pose\_error: 0.2512 | orient\_error: 0.2969

Ep: 316 | --- | Collision: 1 | ep\_r: -59.1 | step: 300 | pose\_error: 0.1207 | orient\_error: 0.1945

Ep: 317 | --- | Collision: 1 | ep\_r: -103.4 | step: 300 | pose\_error: 0.2643 | orient\_error: 0.2408

Ep: 318 | --- | Collision: 1 | ep\_r: -75.3 | step: 300 | pose\_error: 0.2856 | orient\_error: 0.2993

Ep: 319 | --- | Collision: 1 | ep\_r: -58.8 | step: 300 | pose\_error: 0.1036 | orient\_error: 0.3539

Ep: 320 | --- | Collision: 1 | ep\_r: 0.8 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.1115

Ep: 321 | --- | Collision: 1 | ep\_r: -68.6 | step: 300 | pose\_error: 0.0559 | orient\_error: 0.1086

Ep: 322 | --- | Collision: 1 | ep\_r: -53.2 | step: 300 | pose\_error: 0.0721 | orient\_error: 0.1807

Ep: 323 | --- | Collision: 1 | ep\_r: -46.8 | step: 300 | pose\_error: 0.1484 | orient\_error: 0.1040

Ep: 324 | --- | Collision: 0 | ep\_r: 2.0 | step: 300 | pose\_error: 0.0825 | orient\_error: 0.1531

Ep: 325 | --- | Collision: 1 | ep\_r: -123.2 | step: 300 | pose\_error: 0.0841 | orient\_error: 0.2003

Ep: 326 | --- | Collision: 1 | ep\_r: -3.0 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.1796

Ep: 327 | --- | Collision: 0 | ep\_r: -24.9 | step: 300 | pose\_error: 0.0671 | orient\_error: 0.1388

Ep: 328 | --- | Collision: 1 | ep\_r: 22.4 | step: 300 | pose\_error: 0.1363 | orient\_error: 0.2199

Ep: 329 | --- | Collision: 1 | ep\_r: -4.8 | step: 300 | pose\_error: 0.0384 | orient\_error: 0.0714

Ep: 330 | --- | Collision: 1 | ep\_r: 25.1 | step: 300 | pose\_error: 0.0275 | orient\_error: 0.1053

Ep: 331 | --- | Collision: 1 | ep\_r: -29.1 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.3417

Ep: 332 | --- | Collision: 1 | ep\_r: -87.4 | step: 300 | pose\_error: 0.0348 | orient\_error: 0.1268

Ep: 333 | --- | Collision: 1 | ep\_r: 17.3 | step: 300 | pose\_error: 0.0480 | orient\_error: 0.1453

Ep: 334 | --- | Collision: 1 | ep\_r: -14.4 | step: 300 | pose\_error: 0.0699 | orient\_error: 0.1025

Ep: 335 | --- | Collision: 0 | ep\_r: 31.6 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.1383

Ep: 336 | --- | Collision: 0 | ep\_r: 21.9 | step: 300 | pose\_error: 0.0592 | orient\_error: 0.1738

Ep: 337 | --- | Collision: 0 | ep\_r: 31.4 | step: 300 | pose\_error: 0.0539 | orient\_error: 0.1409

Ep: 338 | --- | Collision: 0 | ep\_r: 39.1 | step: 300 | pose\_error: 0.0217 | orient\_error: 0.1669

Ep: 339 | --- | Collision: 0 | ep\_r: -16.9 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.0869

Ep: 340 | --- | Collision: 1 | ep\_r: 16.2 | step: 300 | pose\_error: 0.0532 | orient\_error: 0.1423

Ep: 341 | --- | Collision: 1 | ep\_r: -30.1 | step: 300 | pose\_error: 0.0454 | orient\_error: 0.1319

Ep: 342 | --- | Collision: 1 | ep\_r: 44.2 | step: 300 | pose\_error: 0.0655 | orient\_error: 0.0612

Ep: 343 | --- | Collision: 1 | ep\_r: 33.6 | step: 300 | pose\_error: 0.0541 | orient\_error: 0.1078

Ep: 344 | --- | Collision: 1 | ep\_r: 26.7 | step: 300 | pose\_error: 0.0452 | orient\_error: 0.1273

Ep: 345 | --- | Collision: 1 | ep\_r: 47.2 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.1549

Ep: 346 | --- | Collision: 1 | ep\_r: 69.0 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0421

Ep: 347 | --- | Collision: 0 | ep\_r: 35.9 | step: 300 | pose\_error: 0.0320 | orient\_error: 0.1253

Ep: 348 | --- | Collision: 1 | ep\_r: 50.4 | step: 300 | pose\_error: 0.0513 | orient\_error: 0.0936

Ep: 349 | --- | Collision: 1 | ep\_r: -38.3 | step: 300 | pose\_error: 0.3234 | orient\_error: 0.3070

Ep: 350 | --- | Collision: 1 | ep\_r: 17.7 | step: 300 | pose\_error: 0.0775 | orient\_error: 0.1071

Ep: 351 | --- | Collision: 0 | ep\_r: 33.7 | step: 300 | pose\_error: 0.0715 | orient\_error: 0.1013

Ep: 352 | --- | Collision: 0 | ep\_r: 48.4 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.0924

Ep: 353 | --- | Collision: 0 | ep\_r: 71.7 | step: 300 | pose\_error: 0.0254 | orient\_error: 0.0523

Ep: 354 | --- | Collision: 0 | ep\_r: 55.6 | step: 300 | pose\_error: 0.0410 | orient\_error: 0.0782

Ep: 355 | --- | Collision: 0 | ep\_r: 75.6 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0626

Ep: 356 | --- | Collision: 0 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0736

Ep: 357 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.1053

Ep: 358 | --- | Collision: 0 | ep\_r: 56.8 | step: 300 | pose\_error: 0.0472 | orient\_error: 0.1013

Ep: 359 | --- | Collision: 0 | ep\_r: 62.4 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0737

Ep: 360 | --- | Collision: 0 | ep\_r: 54.3 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0628

Ep: 361 | --- | Collision: 0 | ep\_r: 35.2 | step: 300 | pose\_error: 0.0818 | orient\_error: 0.1382

Ep: 362 | --- | Collision: 1 | ep\_r: 56.1 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0254

Ep: 363 | --- | Collision: 0 | ep\_r: 48.4 | step: 300 | pose\_error: 0.0270 | orient\_error: 0.0750

Ep: 364 | --- | Collision: 0 | ep\_r: 62.2 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0617

Ep: 365 | --- | Collision: 1 | ep\_r: 41.3 | step: 300 | pose\_error: 0.0169 | orient\_error: 0.0796

Ep: 366 | --- | Collision: 1 | ep\_r: -2.0 | step: 300 | pose\_error: 0.0785 | orient\_error: 0.1047

Ep: 367 | --- | Collision: 1 | ep\_r: 64.9 | step: 300 | pose\_error: 0.0181 | orient\_error: 0.1277

Ep: 368 | --- | Collision: 1 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0366 | orient\_error: 0.0324

Ep: 369 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0619

Ep: 370 | --- | Collision: 1 | ep\_r: 30.6 | step: 300 | pose\_error: 0.0349 | orient\_error: 0.1045

Ep: 371 | --- | Collision: 1 | ep\_r: -71.5 | step: 300 | pose\_error: 0.3833 | orient\_error: 0.3286

Ep: 372 | --- | Collision: 1 | ep\_r: 63.3 | step: 300 | pose\_error: 0.0242 | orient\_error: 0.0779

Ep: 373 | --- | Collision: 0 | ep\_r: 57.8 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0743

Ep: 374 | --- | Collision: 0 | ep\_r: 56.8 | step: 300 | pose\_error: 0.0518 | orient\_error: 0.0642

Ep: 375 | --- | Collision: 1 | ep\_r: 34.0 | step: 300 | pose\_error: 0.0326 | orient\_error: 0.1214

Ep: 376 | --- | Collision: 0 | ep\_r: 55.1 | step: 300 | pose\_error: 0.0310 | orient\_error: 0.0413

Ep: 377 | --- | Collision: 1 | ep\_r: 50.3 | step: 300 | pose\_error: 0.0207 | orient\_error: 0.0411

Ep: 378 | --- | Collision: 0 | ep\_r: 83.8 | step: 300 | pose\_error: 0.0605 | orient\_error: 0.0912

Ep: 379 | --- | Collision: 1 | ep\_r: -86.0 | step: 300 | pose\_error: 0.0709 | orient\_error: 0.2011

Ep: 380 | --- | Collision: 0 | ep\_r: 55.8 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0666

Ep: 381 | --- | Collision: 1 | ep\_r: 10.0 | step: 300 | pose\_error: 0.1194 | orient\_error: 0.0999

Ep: 382 | --- | Collision: 1 | ep\_r: -120.3 | step: 300 | pose\_error: 0.0803 | orient\_error: 0.2543

Ep: 383 | --- | Collision: 1 | ep\_r: 26.2 | step: 300 | pose\_error: 0.0726 | orient\_error: 0.0642

Ep: 384 | --- | Collision: 0 | ep\_r: 33.0 | step: 300 | pose\_error: 0.1020 | orient\_error: 0.1492

Ep: 385 | --- | Collision: 1 | ep\_r: 32.7 | step: 300 | pose\_error: 0.0418 | orient\_error: 0.0673

Ep: 386 | --- | Collision: 0 | ep\_r: 35.3 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.0825

Ep: 387 | --- | Collision: 0 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0580 | orient\_error: 0.0406

Ep: 388 | --- | Collision: 1 | ep\_r: 51.3 | step: 300 | pose\_error: 0.0418 | orient\_error: 0.0494

Ep: 389 | --- | Collision: 1 | ep\_r: 4.0 | step: 300 | pose\_error: 0.1050 | orient\_error: 0.0780

Ep: 390 | --- | Collision: 1 | ep\_r: 17.7 | step: 300 | pose\_error: 0.1091 | orient\_error: 0.1416

Ep: 391 | --- | Collision: 1 | ep\_r: -54.9 | step: 300 | pose\_error: 0.1515 | orient\_error: 0.2974

Ep: 392 | --- | Collision: 0 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.0647

Ep: 393 | --- | Collision: 1 | ep\_r: -70.7 | step: 300 | pose\_error: 0.1705 | orient\_error: 0.3170

Ep: 394 | --- | Collision: 0 | ep\_r: 61.6 | step: 300 | pose\_error: 0.0547 | orient\_error: 0.0482

Ep: 395 | --- | Collision: 0 | ep\_r: 65.0 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.0193

Ep: 396 | --- | Collision: 0 | ep\_r: 42.8 | step: 300 | pose\_error: 0.0338 | orient\_error: 0.1161

Ep: 397 | --- | Collision: 0 | ep\_r: 79.1 | step: 300 | pose\_error: 0.0023 | orient\_error: 0.0667

Ep: 398 | --- | Collision: 0 | ep\_r: 53.7 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.0580

Ep: 399 | --- | Collision: 0 | ep\_r: 71.6 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.1080

Ep: 400 | --- | Collision: 0 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0215 | orient\_error: 0.0846

Ep: 401 | --- | Collision: 1 | ep\_r: 45.7 | step: 300 | pose\_error: 0.0194 | orient\_error: 0.0496

Ep: 402 | --- | Collision: 1 | ep\_r: 37.8 | step: 300 | pose\_error: 0.0338 | orient\_error: 0.0818

Ep: 403 | --- | Collision: 0 | ep\_r: 61.5 | step: 300 | pose\_error: 0.0235 | orient\_error: 0.0348

Ep: 404 | --- | Collision: 0 | ep\_r: 70.2 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0332

Ep: 405 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0529

Ep: 406 | --- | Collision: 1 | ep\_r: -62.5 | step: 300 | pose\_error: 0.0347 | orient\_error: 0.2408

Ep: 407 | --- | Collision: 1 | ep\_r: -37.2 | step: 300 | pose\_error: 0.0471 | orient\_error: 0.3610

Ep: 408 | --- | Collision: 1 | ep\_r: 88.2 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0150

Ep: 409 | --- | Collision: 1 | ep\_r: 35.0 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0359

Ep: 410 | --- | Collision: 0 | ep\_r: 31.7 | step: 300 | pose\_error: 0.0673 | orient\_error: 0.2028

Ep: 411 | --- | Collision: 1 | ep\_r: 14.2 | step: 300 | pose\_error: 0.0429 | orient\_error: 0.0606

Ep: 412 | --- | Collision: 1 | ep\_r: -13.0 | step: 300 | pose\_error: 0.0599 | orient\_error: 0.0265

Ep: 413 | --- | Collision: 1 | ep\_r: 38.7 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.0796

Ep: 414 | --- | Collision: 1 | ep\_r: 39.5 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0382

Ep: 415 | --- | Collision: 1 | ep\_r: 45.0 | step: 300 | pose\_error: 0.0337 | orient\_error: 0.0463

Ep: 416 | --- | Collision: 1 | ep\_r: 11.4 | step: 300 | pose\_error: 0.0382 | orient\_error: 0.1048

Ep: 417 | --- | Collision: 1 | ep\_r: 16.9 | step: 300 | pose\_error: 0.0481 | orient\_error: 0.1009

Ep: 418 | --- | Collision: 1 | ep\_r: 42.8 | step: 300 | pose\_error: 0.0303 | orient\_error: 0.0501

Ep: 419 | --- | Collision: 1 | ep\_r: 40.3 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.0332

Ep: 420 | --- | Collision: 0 | ep\_r: 73.5 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0710

Ep: 421 | --- | Collision: 0 | ep\_r: 69.3 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0633

Ep: 422 | --- | Collision: 1 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0213

Ep: 423 | --- | Collision: 1 | ep\_r: 39.0 | step: 300 | pose\_error: 0.0232 | orient\_error: 0.0651

Ep: 424 | --- | Collision: 1 | ep\_r: -31.7 | step: 300 | pose\_error: 0.1074 | orient\_error: 0.2172

Ep: 425 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0187 | orient\_error: 0.0582

Ep: 426 | --- | Collision: 0 | ep\_r: 75.9 | step: 300 | pose\_error: 0.0452 | orient\_error: 0.0482

Ep: 427 | --- | Collision: 1 | ep\_r: -59.9 | step: 300 | pose\_error: 0.1181 | orient\_error: 0.1607

Ep: 428 | --- | Collision: 1 | ep\_r: -79.4 | step: 300 | pose\_error: 0.1198 | orient\_error: 0.1409

Ep: 429 | --- | Collision: 0 | ep\_r: 73.6 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0397

Ep: 430 | --- | Collision: 0 | ep\_r: 72.5 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0254

Ep: 431 | --- | Collision: 1 | ep\_r: -9.5 | step: 300 | pose\_error: 0.0701 | orient\_error: 0.1339

Ep: 432 | --- | Collision: 0 | ep\_r: 80.3 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0269

Ep: 433 | --- | Collision: 0 | ep\_r: -6.5 | step: 300 | pose\_error: 0.0565 | orient\_error: 0.4672

Ep: 434 | --- | Collision: 0 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0258

Ep: 435 | --- | Collision: 0 | ep\_r: 79.3 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0289

Ep: 436 | --- | Collision: 0 | ep\_r: 78.8 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.0390

Ep: 437 | --- | Collision: 1 | ep\_r: 43.1 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.0376

Ep: 438 | --- | Collision: 0 | ep\_r: -32.9 | step: 300 | pose\_error: 0.1130 | orient\_error: 0.5310

Ep: 439 | --- | Collision: 0 | ep\_r: 57.7 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.0569

Ep: 440 | --- | Collision: 0 | ep\_r: 80.0 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0454

Ep: 441 | --- | Collision: 0 | ep\_r: 77.4 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0384

Ep: 442 | --- | Collision: 0 | ep\_r: 72.4 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.0416

Ep: 443 | --- | Collision: 1 | ep\_r: 61.8 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0194

Ep: 444 | --- | Collision: 0 | ep\_r: 71.1 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.0249

Ep: 445 | --- | Collision: 0 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0249

Ep: 446 | --- | Collision: 1 | ep\_r: 75.0 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0273

Ep: 447 | --- | Collision: 1 | ep\_r: 71.8 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.0451

Ep: 448 | --- | Collision: 1 | ep\_r: 84.1 | step: 300 | pose\_error: 0.0220 | orient\_error: 0.0169

Ep: 449 | --- | Collision: 0 | ep\_r: 49.1 | step: 300 | pose\_error: 0.0504 | orient\_error: 0.0186

Ep: 450 | --- | Collision: 0 | ep\_r: 47.1 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0525

Ep: 451 | --- | Collision: 1 | ep\_r: 26.5 | step: 300 | pose\_error: 0.0232 | orient\_error: 0.1059

Ep: 452 | --- | Collision: 0 | ep\_r: 92.6 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0673

Ep: 453 | --- | Collision: 0 | ep\_r: 86.5 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.0249

Ep: 454 | --- | Collision: 0 | ep\_r: 89.5 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0432

Ep: 455 | --- | Collision: 0 | ep\_r: 80.1 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.0484

Ep: 456 | --- | Collision: 1 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0454

Ep: 457 | --- | Collision: 0 | ep\_r: 78.8 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0392

Ep: 458 | --- | Collision: 0 | ep\_r: 65.5 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.0474

Ep: 459 | --- | Collision: 0 | ep\_r: 60.7 | step: 300 | pose\_error: 0.0340 | orient\_error: 0.0554

Ep: 460 | --- | Collision: 1 | ep\_r: 23.4 | step: 300 | pose\_error: 0.0491 | orient\_error: 0.1817

Ep: 461 | --- | Collision: 0 | ep\_r: 74.7 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0505

Ep: 462 | --- | Collision: 0 | ep\_r: 54.7 | step: 300 | pose\_error: 0.0048 | orient\_error: 0.0420

Ep: 463 | --- | Collision: 0 | ep\_r: 77.5 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0036

Ep: 464 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0541

Ep: 465 | --- | Collision: 0 | ep\_r: 73.1 | step: 300 | pose\_error: 0.0286 | orient\_error: 0.0277

Ep: 466 | --- | Collision: 1 | ep\_r: 35.6 | step: 300 | pose\_error: 0.0873 | orient\_error: 0.2706

Ep: 467 | --- | Collision: 0 | ep\_r: 38.9 | step: 300 | pose\_error: 0.0641 | orient\_error: 0.1051

Ep: 468 | --- | Collision: 1 | ep\_r: -4.1 | step: 300 | pose\_error: 0.0986 | orient\_error: 0.2709

Ep: 469 | --- | Collision: 1 | ep\_r: -119.7 | step: 300 | pose\_error: 0.0902 | orient\_error: 0.2284

Ep: 470 | --- | Collision: 1 | ep\_r: -8.0 | step: 300 | pose\_error: 0.0564 | orient\_error: 0.1552

Ep: 471 | --- | Collision: 0 | ep\_r: 85.8 | step: 300 | pose\_error: 0.0249 | orient\_error: 0.0416

Ep: 472 | --- | Collision: 0 | ep\_r: 76.5 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0437

Ep: 473 | --- | Collision: 0 | ep\_r: 72.9 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0511

Ep: 474 | --- | Collision: 0 | ep\_r: 86.9 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0568

Ep: 475 | --- | Collision: 0 | ep\_r: 26.8 | step: 300 | pose\_error: 0.0618 | orient\_error: 0.2023

Ep: 476 | --- | Collision: 0 | ep\_r: 61.7 | step: 300 | pose\_error: 0.0362 | orient\_error: 0.1346

Ep: 477 | --- | Collision: 1 | ep\_r: 11.7 | step: 300 | pose\_error: 0.1194 | orient\_error: 0.0617

Ep: 478 | --- | Collision: 1 | ep\_r: -39.1 | step: 300 | pose\_error: 0.0986 | orient\_error: 0.0994

Ep: 479 | --- | Collision: 1 | ep\_r: 28.0 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0674

Ep: 480 | --- | Collision: 1 | ep\_r: -39.5 | step: 300 | pose\_error: 0.1721 | orient\_error: 0.4102

Ep: 481 | --- | Collision: 0 | ep\_r: 66.3 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0663

Ep: 482 | --- | Collision: 0 | ep\_r: 18.9 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.3134

Ep: 483 | --- | Collision: 1 | ep\_r: -29.1 | step: 300 | pose\_error: 0.0934 | orient\_error: 0.2197

Ep: 484 | --- | Collision: 0 | ep\_r: 71.9 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0569

Ep: 485 | --- | Collision: 1 | ep\_r: 15.1 | step: 300 | pose\_error: 0.0242 | orient\_error: 0.1375

Ep: 486 | --- | Collision: 1 | ep\_r: 61.1 | step: 300 | pose\_error: 0.0339 | orient\_error: 0.0826

Ep: 487 | --- | Collision: 0 | ep\_r: 45.8 | step: 300 | pose\_error: 0.0613 | orient\_error: 0.0409

Ep: 488 | --- | Collision: 1 | ep\_r: 48.8 | step: 300 | pose\_error: 0.0564 | orient\_error: 0.0553

Ep: 489 | --- | Collision: 1 | ep\_r: 48.8 | step: 300 | pose\_error: 0.0445 | orient\_error: 0.0354

Ep: 490 | --- | Collision: 1 | ep\_r: 47.8 | step: 300 | pose\_error: 0.0310 | orient\_error: 0.0510

Ep: 491 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0366 | orient\_error: 0.0843

Ep: 492 | --- | Collision: 0 | ep\_r: 56.2 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0153

Ep: 493 | --- | Collision: 1 | ep\_r: 10.2 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0968

Ep: 494 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0902

Ep: 495 | --- | Collision: 0 | ep\_r: 82.5 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0671

Ep: 496 | --- | Collision: 1 | ep\_r: 19.7 | step: 300 | pose\_error: 0.1199 | orient\_error: 0.1113

Ep: 497 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0154 | orient\_error: 0.0750

Ep: 498 | --- | Collision: 1 | ep\_r: 51.2 | step: 300 | pose\_error: 0.0265 | orient\_error: 0.0644

Ep: 499 | --- | Collision: 0 | ep\_r: 62.0 | step: 300 | pose\_error: 0.0235 | orient\_error: 0.0127

Ep: 500 | --- | Collision: 1 | ep\_r: 16.0 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0328

Ep: 501 | --- | Collision: 0 | ep\_r: 84.7 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0365

Ep: 502 | --- | Collision: 0 | ep\_r: 81.0 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.0295

Ep: 503 | --- | Collision: 0 | ep\_r: 88.4 | step: 300 | pose\_error: 0.0150 | orient\_error: 0.0242

Ep: 504 | --- | Collision: 0 | ep\_r: 71.4 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.0814

Ep: 505 | --- | Collision: 0 | ep\_r: 48.3 | step: 300 | pose\_error: 0.0432 | orient\_error: 0.0293

Ep: 506 | --- | Collision: 1 | ep\_r: 52.9 | step: 300 | pose\_error: 0.0397 | orient\_error: 0.0442

Ep: 507 | --- | Collision: 0 | ep\_r: 39.1 | step: 300 | pose\_error: 0.0477 | orient\_error: 0.0442

Ep: 508 | --- | Collision: 0 | ep\_r: 75.8 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0408

Ep: 509 | --- | Collision: 0 | ep\_r: 77.3 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0635

Ep: 510 | --- | Collision: 0 | ep\_r: 71.7 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0422

Ep: 511 | --- | Collision: 1 | ep\_r: -74.1 | step: 300 | pose\_error: 0.1379 | orient\_error: 0.1229

Ep: 512 | --- | Collision: 0 | ep\_r: 54.0 | step: 300 | pose\_error: 0.0408 | orient\_error: 0.0569

Ep: 513 | --- | Collision: 0 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0525

Ep: 514 | --- | Collision: 0 | ep\_r: 61.3 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0534

Ep: 515 | --- | Collision: 0 | ep\_r: 58.0 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.1203

Ep: 516 | --- | Collision: 0 | ep\_r: 45.2 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.1141

Ep: 517 | --- | Collision: 1 | ep\_r: -1.4 | step: 300 | pose\_error: 0.0426 | orient\_error: 0.0864

Ep: 518 | --- | Collision: 1 | ep\_r: -84.7 | step: 300 | pose\_error: 0.1218 | orient\_error: 0.2752

Ep: 519 | --- | Collision: 1 | ep\_r: 28.5 | step: 300 | pose\_error: 0.0481 | orient\_error: 0.1007

Ep: 520 | --- | Collision: 1 | ep\_r: -4.3 | step: 300 | pose\_error: 0.0846 | orient\_error: 0.1368

Ep: 521 | --- | Collision: 1 | ep\_r: -48.3 | step: 300 | pose\_error: 0.1157 | orient\_error: 0.1921

Ep: 522 | --- | Collision: 0 | ep\_r: 65.3 | step: 300 | pose\_error: 0.0441 | orient\_error: 0.0410

Ep: 523 | --- | Collision: 1 | ep\_r: 17.3 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.0589

Ep: 524 | --- | Collision: 1 | ep\_r: 34.2 | step: 300 | pose\_error: 0.0412 | orient\_error: 0.0424

Ep: 525 | --- | Collision: 0 | ep\_r: 48.3 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.0703

Ep: 526 | --- | Collision: 0 | ep\_r: 76.8 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0499

Ep: 527 | --- | Collision: 0 | ep\_r: 78.7 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0318

Ep: 528 | --- | Collision: 0 | ep\_r: 76.2 | step: 300 | pose\_error: 0.0316 | orient\_error: 0.0298

Ep: 529 | --- | Collision: 1 | ep\_r: 70.1 | step: 300 | pose\_error: 0.0244 | orient\_error: 0.0176

Ep: 530 | --- | Collision: 1 | ep\_r: 67.0 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0319

Ep: 531 | --- | Collision: 1 | ep\_r: 75.1 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0686

Ep: 532 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.1301

Ep: 533 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0278 | orient\_error: 0.0961

Ep: 534 | --- | Collision: 0 | ep\_r: 73.7 | step: 300 | pose\_error: 0.0457 | orient\_error: 0.0227

Ep: 535 | --- | Collision: 1 | ep\_r: 39.0 | step: 300 | pose\_error: 0.0405 | orient\_error: 0.0737

Ep: 536 | --- | Collision: 1 | ep\_r: 50.5 | step: 300 | pose\_error: 0.0553 | orient\_error: 0.0853

Ep: 537 | --- | Collision: 1 | ep\_r: 60.9 | step: 300 | pose\_error: 0.0284 | orient\_error: 0.0735

Ep: 538 | --- | Collision: 0 | ep\_r: 49.4 | step: 300 | pose\_error: 0.0333 | orient\_error: 0.0960

Ep: 539 | --- | Collision: 0 | ep\_r: 33.1 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0982

Ep: 540 | --- | Collision: 0 | ep\_r: 71.9 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0851

Ep: 541 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0631

Ep: 542 | --- | Collision: 0 | ep\_r: 87.8 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0570

Ep: 543 | --- | Collision: 0 | ep\_r: 50.3 | step: 300 | pose\_error: 0.0282 | orient\_error: 0.1025

Ep: 544 | --- | Collision: 0 | ep\_r: 73.2 | step: 300 | pose\_error: 0.0530 | orient\_error: 0.0402

Ep: 545 | --- | Collision: 0 | ep\_r: 59.4 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0817

Ep: 546 | --- | Collision: 0 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.0471

Ep: 547 | --- | Collision: 0 | ep\_r: 61.7 | step: 300 | pose\_error: 0.0397 | orient\_error: 0.0464

Ep: 548 | --- | Collision: 0 | ep\_r: 83.1 | step: 300 | pose\_error: 0.0222 | orient\_error: 0.0117

Ep: 549 | --- | Collision: 1 | ep\_r: 41.9 | step: 300 | pose\_error: 0.0654 | orient\_error: 0.0859

Ep: 550 | --- | Collision: 1 | ep\_r: 72.5 | step: 300 | pose\_error: 0.0398 | orient\_error: 0.0740

Ep: 551 | --- | Collision: 0 | ep\_r: 69.4 | step: 300 | pose\_error: 0.0367 | orient\_error: 0.0915

Ep: 552 | --- | Collision: 0 | ep\_r: 70.7 | step: 300 | pose\_error: 0.0248 | orient\_error: 0.0361

Ep: 553 | --- | Collision: 1 | ep\_r: 76.0 | step: 300 | pose\_error: 0.0288 | orient\_error: 0.0725

Ep: 554 | --- | Collision: 1 | ep\_r: 46.8 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0977

Ep: 555 | --- | Collision: 0 | ep\_r: 73.9 | step: 300 | pose\_error: 0.0315 | orient\_error: 0.1235

Ep: 556 | --- | Collision: 1 | ep\_r: 25.7 | step: 300 | pose\_error: 0.0688 | orient\_error: 0.1826

Ep: 557 | --- | Collision: 0 | ep\_r: 56.5 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.0668

Ep: 558 | --- | Collision: 1 | ep\_r: 85.2 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0257

Ep: 559 | --- | Collision: 1 | ep\_r: 32.3 | step: 300 | pose\_error: 0.0353 | orient\_error: 0.0690

Ep: 560 | --- | Collision: 0 | ep\_r: 84.1 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0480

Ep: 561 | --- | Collision: 0 | ep\_r: 84.4 | step: 300 | pose\_error: 0.0383 | orient\_error: 0.0297

Ep: 562 | --- | Collision: 0 | ep\_r: 80.6 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0406

Ep: 563 | --- | Collision: 0 | ep\_r: 73.8 | step: 300 | pose\_error: 0.0281 | orient\_error: 0.0365

Ep: 564 | --- | Collision: 0 | ep\_r: 95.4 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.0239

Ep: 565 | --- | Collision: 0 | ep\_r: 85.4 | step: 300 | pose\_error: 0.0453 | orient\_error: 0.0282

Ep: 566 | --- | Collision: 0 | ep\_r: 66.0 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0795

Ep: 567 | --- | Collision: 0 | ep\_r: 93.0 | step: 300 | pose\_error: 0.0223 | orient\_error: 0.1006

Ep: 568 | --- | Collision: 0 | ep\_r: 81.7 | step: 300 | pose\_error: 0.0210 | orient\_error: 0.0710

Ep: 569 | --- | Collision: 0 | ep\_r: 85.8 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0255

Ep: 570 | --- | Collision: 1 | ep\_r: 75.0 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.0752

Ep: 571 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.0581

Ep: 572 | --- | Collision: 0 | ep\_r: 69.2 | step: 300 | pose\_error: 0.0250 | orient\_error: 0.0807

Ep: 573 | --- | Collision: 1 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0058 | orient\_error: 0.1080

Ep: 574 | --- | Collision: 1 | ep\_r: 72.0 | step: 300 | pose\_error: 0.0409 | orient\_error: 0.1536

Ep: 575 | --- | Collision: 1 | ep\_r: 75.3 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0675

Ep: 576 | --- | Collision: 1 | ep\_r: 80.4 | step: 300 | pose\_error: 0.0047 | orient\_error: 0.1500

Ep: 577 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.1229

Ep: 578 | --- | Collision: 0 | ep\_r: 76.6 | step: 300 | pose\_error: 0.0395 | orient\_error: 0.1127

Ep: 579 | --- | Collision: 1 | ep\_r: -26.3 | step: 300 | pose\_error: 0.1488 | orient\_error: 0.2071

Ep: 580 | --- | Collision: 1 | ep\_r: 35.7 | step: 300 | pose\_error: 0.0541 | orient\_error: 0.0589

Ep: 581 | --- | Collision: 1 | ep\_r: -40.6 | step: 300 | pose\_error: 0.2251 | orient\_error: 0.2629

Ep: 582 | --- | Collision: 1 | ep\_r: 70.3 | step: 300 | pose\_error: 0.0056 | orient\_error: 0.1257

Ep: 583 | --- | Collision: 1 | ep\_r: 68.4 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.0663

Ep: 584 | --- | Collision: 1 | ep\_r: 51.4 | step: 300 | pose\_error: 0.0297 | orient\_error: 0.0908

Ep: 585 | --- | Collision: 1 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0196 | orient\_error: 0.0846

Ep: 586 | --- | Collision: 1 | ep\_r: 62.1 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0821

Ep: 587 | --- | Collision: 0 | ep\_r: 59.0 | step: 300 | pose\_error: 0.0248 | orient\_error: 0.0758

Ep: 588 | --- | Collision: 1 | ep\_r: 46.5 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.1123

Ep: 589 | --- | Collision: 1 | ep\_r: 44.2 | step: 300 | pose\_error: 0.0266 | orient\_error: 0.0722

Ep: 590 | --- | Collision: 1 | ep\_r: 39.6 | step: 300 | pose\_error: 0.0455 | orient\_error: 0.0995

Ep: 591 | --- | Collision: 1 | ep\_r: 51.9 | step: 300 | pose\_error: 0.0261 | orient\_error: 0.0914

Ep: 592 | --- | Collision: 0 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0544

Ep: 593 | --- | Collision: 0 | ep\_r: 52.6 | step: 300 | pose\_error: 0.0322 | orient\_error: 0.1213

Ep: 594 | --- | Collision: 0 | ep\_r: 61.5 | step: 300 | pose\_error: 0.0421 | orient\_error: 0.1606

Ep: 595 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.0791

Ep: 596 | --- | Collision: 0 | ep\_r: 81.2 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.0643

Ep: 597 | --- | Collision: 0 | ep\_r: 60.3 | step: 300 | pose\_error: 0.0275 | orient\_error: 0.0877

Ep: 598 | --- | Collision: 0 | ep\_r: 79.5 | step: 300 | pose\_error: 0.0150 | orient\_error: 0.1184

Ep: 599 | --- | Collision: 0 | ep\_r: 62.9 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.1162

Ep: 600 | --- | Collision: 0 | ep\_r: 65.7 | step: 300 | pose\_error: 0.0237 | orient\_error: 0.1397

Ep: 601 | --- | Collision: 0 | ep\_r: 67.8 | step: 300 | pose\_error: 0.0340 | orient\_error: 0.1184

Ep: 602 | --- | Collision: 1 | ep\_r: 66.1 | step: 300 | pose\_error: 0.0397 | orient\_error: 0.1626

Ep: 603 | --- | Collision: 0 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.1036

Ep: 604 | --- | Collision: 0 | ep\_r: 74.7 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.1007

Ep: 605 | --- | Collision: 0 | ep\_r: 88.5 | step: 300 | pose\_error: 0.0220 | orient\_error: 0.0587

Ep: 606 | --- | Collision: 1 | ep\_r: 78.2 | step: 300 | pose\_error: 0.0274 | orient\_error: 0.0775

Ep: 607 | --- | Collision: 1 | ep\_r: 67.2 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.0798

Ep: 608 | --- | Collision: 1 | ep\_r: 82.1 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.0415

Ep: 609 | --- | Collision: 0 | ep\_r: 93.4 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0380

Ep: 610 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.0271

Ep: 611 | --- | Collision: 1 | ep\_r: 97.3 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0281

Ep: 612 | --- | Collision: 1 | ep\_r: -5.0 | step: 300 | pose\_error: 0.0409 | orient\_error: 0.0934

Ep: 613 | --- | Collision: 1 | ep\_r: 74.1 | step: 300 | pose\_error: 0.0090 | orient\_error: 0.0404

Ep: 614 | --- | Collision: 1 | ep\_r: 91.9 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0072

Ep: 615 | --- | Collision: 1 | ep\_r: 22.3 | step: 300 | pose\_error: 0.0616 | orient\_error: 0.0719

Ep: 616 | --- | Collision: 1 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0043 | orient\_error: 0.0665

Ep: 617 | --- | Collision: 1 | ep\_r: 76.9 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.0206

Ep: 618 | --- | Collision: 0 | ep\_r: 99.8 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0097

Ep: 619 | --- | Collision: 0 | ep\_r: 95.4 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0342

Ep: 620 | --- | Collision: 0 | ep\_r: 69.1 | step: 300 | pose\_error: 0.0511 | orient\_error: 0.0193

Ep: 621 | --- | Collision: 0 | ep\_r: 9.4 | step: 300 | pose\_error: 0.1560 | orient\_error: 0.1105

Ep: 622 | --- | Collision: 0 | ep\_r: 74.5 | step: 300 | pose\_error: 0.0282 | orient\_error: 0.0273

Ep: 623 | --- | Collision: 1 | ep\_r: -85.3 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0791

Ep: 624 | --- | Collision: 1 | ep\_r: -51.3 | step: 300 | pose\_error: 0.0482 | orient\_error: 0.0325

Ep: 625 | --- | Collision: 0 | ep\_r: 86.4 | step: 300 | pose\_error: 0.0102 | orient\_error: 0.0484

Ep: 626 | --- | Collision: 0 | ep\_r: 71.6 | step: 300 | pose\_error: 0.0293 | orient\_error: 0.0300

Ep: 627 | --- | Collision: 1 | ep\_r: 81.2 | step: 300 | pose\_error: 0.0331 | orient\_error: 0.0796

Ep: 628 | --- | Collision: 1 | ep\_r: 86.5 | step: 300 | pose\_error: 0.0301 | orient\_error: 0.0229

Ep: 629 | --- | Collision: 0 | ep\_r: 78.0 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0687

Ep: 630 | --- | Collision: 0 | ep\_r: 81.8 | step: 300 | pose\_error: 0.0215 | orient\_error: 0.0564

Ep: 631 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0155

Ep: 632 | --- | Collision: 0 | ep\_r: 77.2 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0324

Ep: 633 | --- | Collision: 0 | ep\_r: 93.5 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0424

Ep: 634 | --- | Collision: 0 | ep\_r: 101.4 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.0392

Ep: 635 | --- | Collision: 1 | ep\_r: 93.1 | step: 300 | pose\_error: 0.0351 | orient\_error: 0.0493

Ep: 636 | --- | Collision: 0 | ep\_r: 10.0 | step: 300 | pose\_error: 0.0611 | orient\_error: 0.0996

Ep: 637 | --- | Collision: 1 | ep\_r: -29.6 | step: 300 | pose\_error: 0.0297 | orient\_error: 0.0774

Ep: 638 | --- | Collision: 1 | ep\_r: -182.7 | step: 300 | pose\_error: 0.2149 | orient\_error: 0.1166

Ep: 639 | --- | Collision: 0 | ep\_r: 76.5 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0336

Ep: 640 | --- | Collision: 1 | ep\_r: 85.1 | step: 300 | pose\_error: 0.0129 | orient\_error: 0.0703

Ep: 641 | --- | Collision: 0 | ep\_r: 99.0 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0111

Ep: 642 | --- | Collision: 1 | ep\_r: -15.5 | step: 300 | pose\_error: 0.1444 | orient\_error: 0.3470

Ep: 643 | --- | Collision: 0 | ep\_r: 90.4 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0091

Ep: 644 | --- | Collision: 1 | ep\_r: 88.3 | step: 300 | pose\_error: 0.0129 | orient\_error: 0.0299

Ep: 645 | --- | Collision: 1 | ep\_r: -3.6 | step: 300 | pose\_error: 0.0580 | orient\_error: 0.2725

Ep: 646 | --- | Collision: 1 | ep\_r: -62.6 | step: 300 | pose\_error: 0.1988 | orient\_error: 0.1954

Ep: 647 | --- | Collision: 1 | ep\_r: -27.7 | step: 300 | pose\_error: 0.0903 | orient\_error: 0.3765

Ep: 648 | --- | Collision: 1 | ep\_r: 26.9 | step: 300 | pose\_error: 0.0237 | orient\_error: 0.0385

Ep: 649 | --- | Collision: 1 | ep\_r: 8.8 | step: 300 | pose\_error: 0.0427 | orient\_error: 0.1105

Ep: 650 | --- | Collision: 1 | ep\_r: 3.1 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.1239

Ep: 651 | --- | Collision: 0 | ep\_r: 8.7 | step: 300 | pose\_error: 0.0766 | orient\_error: 0.1088

Ep: 652 | --- | Collision: 1 | ep\_r: -63.6 | step: 300 | pose\_error: 0.1009 | orient\_error: 0.1483

Ep: 653 | --- | Collision: 0 | ep\_r: -7.6 | step: 300 | pose\_error: 0.0840 | orient\_error: 0.1098

Ep: 654 | --- | Collision: 1 | ep\_r: -10.7 | step: 300 | pose\_error: 0.0688 | orient\_error: 0.1269

Ep: 655 | --- | Collision: 0 | ep\_r: -9.9 | step: 300 | pose\_error: 0.0649 | orient\_error: 0.1162

Ep: 656 | --- | Collision: 0 | ep\_r: 15.6 | step: 300 | pose\_error: 0.0357 | orient\_error: 0.1766

Ep: 657 | --- | Collision: 1 | ep\_r: 6.7 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.1200

Ep: 658 | --- | Collision: 0 | ep\_r: 45.4 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0723

Ep: 659 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0834

Ep: 660 | --- | Collision: 1 | ep\_r: 35.6 | step: 300 | pose\_error: 0.0139 | orient\_error: 0.1052

Ep: 661 | --- | Collision: 0 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0765

Ep: 662 | --- | Collision: 0 | ep\_r: 24.9 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.1002

Ep: 663 | --- | Collision: 1 | ep\_r: 42.3 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0806

Ep: 664 | --- | Collision: 0 | ep\_r: 27.0 | step: 300 | pose\_error: 0.0239 | orient\_error: 0.1105

Ep: 665 | --- | Collision: 1 | ep\_r: 41.6 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.0959

Ep: 666 | --- | Collision: 1 | ep\_r: -61.1 | step: 300 | pose\_error: 0.0781 | orient\_error: 0.0921

Ep: 667 | --- | Collision: 0 | ep\_r: 13.4 | step: 300 | pose\_error: 0.0571 | orient\_error: 0.1486

Ep: 668 | --- | Collision: 0 | ep\_r: 17.5 | step: 300 | pose\_error: 0.0846 | orient\_error: 0.0827

Ep: 669 | --- | Collision: 1 | ep\_r: -10.6 | step: 300 | pose\_error: 0.0546 | orient\_error: 0.1799

Ep: 670 | --- | Collision: 1 | ep\_r: 1.3 | step: 300 | pose\_error: 0.0722 | orient\_error: 0.2454

Ep: 671 | --- | Collision: 1 | ep\_r: -29.8 | step: 300 | pose\_error: 0.0581 | orient\_error: 0.3084

Ep: 672 | --- | Collision: 1 | ep\_r: -61.7 | step: 300 | pose\_error: 0.0388 | orient\_error: 0.0756

Ep: 673 | --- | Collision: 1 | ep\_r: -201.0 | step: 300 | pose\_error: 0.1901 | orient\_error: 0.2896

Ep: 674 | --- | Collision: 1 | ep\_r: -129.3 | step: 300 | pose\_error: 0.1725 | orient\_error: 0.2911

Ep: 675 | --- | Collision: 1 | ep\_r: 3.1 | step: 300 | pose\_error: 0.0981 | orient\_error: 0.1595

Ep: 676 | --- | Collision: 1 | ep\_r: 25.4 | step: 300 | pose\_error: 0.0551 | orient\_error: 0.1216

Ep: 677 | --- | Collision: 1 | ep\_r: 8.8 | step: 300 | pose\_error: 0.0710 | orient\_error: 0.1280

Ep: 678 | --- | Collision: 1 | ep\_r: 5.1 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.1142

Ep: 679 | --- | Collision: 1 | ep\_r: 66.2 | step: 300 | pose\_error: 0.0268 | orient\_error: 0.0701

Ep: 680 | --- | Collision: 0 | ep\_r: 69.9 | step: 300 | pose\_error: 0.0409 | orient\_error: 0.0426

Ep: 681 | --- | Collision: 1 | ep\_r: 53.8 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.0254

Ep: 682 | --- | Collision: 1 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0278

Ep: 683 | --- | Collision: 1 | ep\_r: 70.2 | step: 300 | pose\_error: 0.0042 | orient\_error: 0.0326

Ep: 684 | --- | Collision: 1 | ep\_r: 53.9 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.0492

Ep: 685 | --- | Collision: 1 | ep\_r: -65.1 | step: 300 | pose\_error: 0.0448 | orient\_error: 0.0707

Ep: 686 | --- | Collision: 1 | ep\_r: 70.4 | step: 300 | pose\_error: 0.0149 | orient\_error: 0.0480

Ep: 687 | --- | Collision: 1 | ep\_r: 48.6 | step: 300 | pose\_error: 0.0430 | orient\_error: 0.0550

Ep: 688 | --- | Collision: 1 | ep\_r: 45.7 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0341

Ep: 689 | --- | Collision: 0 | ep\_r: 61.9 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0412

Ep: 690 | --- | Collision: 1 | ep\_r: 83.1 | step: 300 | pose\_error: 0.0169 | orient\_error: 0.0409

Ep: 691 | --- | Collision: 1 | ep\_r: 94.5 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0335

Ep: 692 | --- | Collision: 1 | ep\_r: 73.9 | step: 300 | pose\_error: 0.0204 | orient\_error: 0.0896

Ep: 693 | --- | Collision: 0 | ep\_r: 4.2 | step: 300 | pose\_error: 0.0616 | orient\_error: 0.1262

Ep: 694 | --- | Collision: 0 | ep\_r: 100.2 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0261

Ep: 695 | --- | Collision: 0 | ep\_r: 71.1 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0094

Ep: 696 | --- | Collision: 1 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0339

Ep: 697 | --- | Collision: 0 | ep\_r: 55.2 | step: 300 | pose\_error: 0.0619 | orient\_error: 0.1060

Ep: 698 | --- | Collision: 0 | ep\_r: 68.4 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0406

Ep: 699 | --- | Collision: 1 | ep\_r: 80.6 | step: 300 | pose\_error: 0.0257 | orient\_error: 0.0650

Ep: 700 | --- | Collision: 0 | ep\_r: 66.0 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.1137

Ep: 701 | --- | Collision: 0 | ep\_r: 53.8 | step: 300 | pose\_error: 0.0349 | orient\_error: 0.1043

Ep: 702 | --- | Collision: 0 | ep\_r: 43.4 | step: 300 | pose\_error: 0.0268 | orient\_error: 0.0892

Ep: 703 | --- | Collision: 0 | ep\_r: 43.1 | step: 300 | pose\_error: 0.0509 | orient\_error: 0.1613

Ep: 704 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0502

Ep: 705 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0278 | orient\_error: 0.0558

Ep: 706 | --- | Collision: 0 | ep\_r: 81.0 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.1012

Ep: 707 | --- | Collision: 0 | ep\_r: 82.6 | step: 300 | pose\_error: 0.0239 | orient\_error: 0.0627

Ep: 708 | --- | Collision: 0 | ep\_r: 59.0 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0363

Ep: 709 | --- | Collision: 1 | ep\_r: 53.6 | step: 300 | pose\_error: 0.0363 | orient\_error: 0.1211

Ep: 710 | --- | Collision: 0 | ep\_r: 61.3 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0776

Ep: 711 | --- | Collision: 0 | ep\_r: 58.9 | step: 300 | pose\_error: 0.0174 | orient\_error: 0.0638

Ep: 712 | --- | Collision: 0 | ep\_r: 74.4 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.1650

Ep: 713 | --- | Collision: 0 | ep\_r: 69.5 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0393

Ep: 714 | --- | Collision: 0 | ep\_r: 72.9 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0708

Ep: 715 | --- | Collision: 1 | ep\_r: 50.1 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0149

Ep: 716 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.0200

Ep: 717 | --- | Collision: 1 | ep\_r: -22.8 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0942

Ep: 718 | --- | Collision: 1 | ep\_r: -143.1 | step: 300 | pose\_error: 0.2846 | orient\_error: 0.3104

Ep: 719 | --- | Collision: 1 | ep\_r: -47.3 | step: 300 | pose\_error: 0.2355 | orient\_error: 0.3108

Ep: 720 | --- | Collision: 1 | ep\_r: -57.2 | step: 300 | pose\_error: 0.1109 | orient\_error: 0.2102

Ep: 721 | --- | Collision: 0 | ep\_r: 96.4 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0289

Ep: 722 | --- | Collision: 1 | ep\_r: 22.9 | step: 300 | pose\_error: 0.0590 | orient\_error: 0.0922

Ep: 723 | --- | Collision: 0 | ep\_r: 90.2 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0309

Ep: 724 | --- | Collision: 0 | ep\_r: 78.6 | step: 300 | pose\_error: 0.0196 | orient\_error: 0.0777

Ep: 725 | --- | Collision: 0 | ep\_r: 87.1 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0399

Ep: 726 | --- | Collision: 0 | ep\_r: 100.4 | step: 300 | pose\_error: 0.0156 | orient\_error: 0.0431

Ep: 727 | --- | Collision: 0 | ep\_r: 95.6 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0490

Ep: 728 | --- | Collision: 0 | ep\_r: 94.5 | step: 300 | pose\_error: 0.0142 | orient\_error: 0.0133

Ep: 729 | --- | Collision: 1 | ep\_r: -7.2 | step: 300 | pose\_error: 0.0941 | orient\_error: 0.1585

Ep: 730 | --- | Collision: 1 | ep\_r: -22.2 | step: 300 | pose\_error: 0.0295 | orient\_error: 0.1230

Ep: 731 | --- | Collision: 0 | ep\_r: 80.6 | step: 300 | pose\_error: 0.0181 | orient\_error: 0.0258

Ep: 732 | --- | Collision: 0 | ep\_r: 86.9 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.0561

Ep: 733 | --- | Collision: 1 | ep\_r: -16.4 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.1661

Ep: 734 | --- | Collision: 0 | ep\_r: 70.7 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0611

Ep: 735 | --- | Collision: 1 | ep\_r: 50.9 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0327

Ep: 736 | --- | Collision: 0 | ep\_r: 82.9 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0646

Ep: 737 | --- | Collision: 0 | ep\_r: 83.6 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0561

Ep: 738 | --- | Collision: 0 | ep\_r: 88.8 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0416

Ep: 739 | --- | Collision: 1 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0277 | orient\_error: 0.0709

Ep: 740 | --- | Collision: 0 | ep\_r: 100.0 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0583

Ep: 741 | --- | Collision: 0 | ep\_r: 18.9 | step: 300 | pose\_error: 0.0509 | orient\_error: 0.2127

Ep: 742 | --- | Collision: 0 | ep\_r: 95.5 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0372

Ep: 743 | --- | Collision: 0 | ep\_r: 89.7 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0217

Ep: 744 | --- | Collision: 1 | ep\_r: -18.4 | step: 300 | pose\_error: 0.0621 | orient\_error: 0.3084

Ep: 745 | --- | Collision: 1 | ep\_r: -64.0 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.3119

Ep: 746 | --- | Collision: 1 | ep\_r: -24.8 | step: 300 | pose\_error: 0.1399 | orient\_error: 0.1425

Ep: 747 | --- | Collision: 1 | ep\_r: 8.9 | step: 300 | pose\_error: 0.0679 | orient\_error: 0.1620

Ep: 748 | --- | Collision: 0 | ep\_r: 8.0 | step: 300 | pose\_error: 0.0503 | orient\_error: 0.0777

Ep: 749 | --- | Collision: 1 | ep\_r: -40.6 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.1369

Ep: 750 | --- | Collision: 0 | ep\_r: 29.6 | step: 300 | pose\_error: 0.0437 | orient\_error: 0.1005

Ep: 751 | --- | Collision: 1 | ep\_r: 15.6 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0145

Ep: 752 | --- | Collision: 1 | ep\_r: 23.1 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.1484

Ep: 753 | --- | Collision: 1 | ep\_r: 24.1 | step: 300 | pose\_error: 0.0368 | orient\_error: 0.1470

Ep: 754 | --- | Collision: 0 | ep\_r: 19.6 | step: 300 | pose\_error: 0.0350 | orient\_error: 0.2287

Ep: 755 | --- | Collision: 1 | ep\_r: 69.9 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0221

Ep: 756 | --- | Collision: 0 | ep\_r: 17.6 | step: 300 | pose\_error: 0.0393 | orient\_error: 0.0876

Ep: 757 | --- | Collision: 1 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0118

Ep: 758 | --- | Collision: 1 | ep\_r: 87.0 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.0161

Ep: 759 | --- | Collision: 0 | ep\_r: 91.6 | step: 300 | pose\_error: 0.0174 | orient\_error: 0.0067

Ep: 760 | --- | Collision: 0 | ep\_r: 88.4 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0554

Ep: 761 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0052 | orient\_error: 0.0231

Ep: 762 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0275 | orient\_error: 0.0242

Ep: 763 | --- | Collision: 0 | ep\_r: 85.8 | step: 300 | pose\_error: 0.0558 | orient\_error: 0.1112

Ep: 764 | --- | Collision: 0 | ep\_r: 95.3 | step: 300 | pose\_error: 0.0174 | orient\_error: 0.0182

Ep: 765 | --- | Collision: 0 | ep\_r: 103.5 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0290

Ep: 766 | --- | Collision: 1 | ep\_r: 101.3 | step: 300 | pose\_error: 0.0102 | orient\_error: 0.0153

Ep: 767 | --- | Collision: 0 | ep\_r: 45.4 | step: 300 | pose\_error: 0.0460 | orient\_error: 0.1198

Ep: 768 | --- | Collision: 0 | ep\_r: 65.2 | step: 300 | pose\_error: 0.0560 | orient\_error: 0.0961

Ep: 769 | --- | Collision: 0 | ep\_r: 96.9 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0306

Ep: 770 | --- | Collision: 1 | ep\_r: 40.0 | step: 300 | pose\_error: 0.0455 | orient\_error: 0.0455

Ep: 771 | --- | Collision: 0 | ep\_r: 73.3 | step: 300 | pose\_error: 0.0341 | orient\_error: 0.0412

Ep: 772 | --- | Collision: 1 | ep\_r: -20.3 | step: 300 | pose\_error: 0.0261 | orient\_error: 0.2633

Ep: 773 | --- | Collision: 1 | ep\_r: 61.6 | step: 300 | pose\_error: 0.0247 | orient\_error: 0.0568

Ep: 774 | --- | Collision: 1 | ep\_r: 47.9 | step: 300 | pose\_error: 0.0181 | orient\_error: 0.0100

Ep: 775 | --- | Collision: 1 | ep\_r: 59.3 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.0122

Ep: 776 | --- | Collision: 1 | ep\_r: 83.9 | step: 300 | pose\_error: 0.0173 | orient\_error: 0.0213

Ep: 777 | --- | Collision: 1 | ep\_r: 95.5 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0115

Ep: 778 | --- | Collision: 0 | ep\_r: 80.8 | step: 300 | pose\_error: 0.0239 | orient\_error: 0.0134

Ep: 779 | --- | Collision: 0 | ep\_r: 109.3 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.0227

Ep: 780 | --- | Collision: 0 | ep\_r: 98.4 | step: 300 | pose\_error: 0.0181 | orient\_error: 0.0310

Ep: 781 | --- | Collision: 1 | ep\_r: 108.8 | step: 300 | pose\_error: 0.0155 | orient\_error: 0.0245

Ep: 782 | --- | Collision: 0 | ep\_r: 72.8 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0123

Ep: 783 | --- | Collision: 0 | ep\_r: 91.1 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0165

Ep: 784 | --- | Collision: 1 | ep\_r: -58.7 | step: 300 | pose\_error: 0.1996 | orient\_error: 0.3845

Ep: 785 | --- | Collision: 0 | ep\_r: 81.6 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0150

Ep: 786 | --- | Collision: 1 | ep\_r: -82.8 | step: 300 | pose\_error: 0.3026 | orient\_error: 0.3129

Ep: 787 | --- | Collision: 0 | ep\_r: 109.3 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.0233

Ep: 788 | --- | Collision: 0 | ep\_r: 112.7 | step: 300 | pose\_error: 0.0155 | orient\_error: 0.0288

Ep: 789 | --- | Collision: 0 | ep\_r: -5.7 | step: 300 | pose\_error: 0.1590 | orient\_error: 0.4652

Ep: 790 | --- | Collision: 0 | ep\_r: 95.2 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0384

Ep: 791 | --- | Collision: 1 | ep\_r: -65.1 | step: 300 | pose\_error: 0.2709 | orient\_error: 0.1191

Ep: 792 | --- | Collision: 0 | ep\_r: 58.9 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0703

Ep: 793 | --- | Collision: 0 | ep\_r: 84.0 | step: 300 | pose\_error: 0.0305 | orient\_error: 0.0170

Ep: 794 | --- | Collision: 1 | ep\_r: 58.8 | step: 300 | pose\_error: 0.0188 | orient\_error: 0.0197

Ep: 795 | --- | Collision: 0 | ep\_r: 69.2 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.0118

Ep: 796 | --- | Collision: 0 | ep\_r: 21.7 | step: 300 | pose\_error: 0.0351 | orient\_error: 0.0572

Ep: 797 | --- | Collision: 1 | ep\_r: -177.7 | step: 300 | pose\_error: 0.2745 | orient\_error: 0.3494

Ep: 798 | --- | Collision: 1 | ep\_r: -181.8 | step: 300 | pose\_error: 0.1854 | orient\_error: 0.3289

Ep: 799 | --- | Collision: 0 | ep\_r: 99.5 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0201

Ep: 800 | --- | Collision: 1 | ep\_r: -159.1 | step: 300 | pose\_error: 0.3115 | orient\_error: 0.3115

Ep: 801 | --- | Collision: 1 | ep\_r: 102.0 | step: 300 | pose\_error: 0.0237 | orient\_error: 0.0663

Ep: 802 | --- | Collision: 1 | ep\_r: -237.8 | step: 300 | pose\_error: 0.3460 | orient\_error: 0.5071

Ep: 803 | --- | Collision: 1 | ep\_r: -98.1 | step: 300 | pose\_error: 0.1419 | orient\_error: 0.6321

Ep: 804 | --- | Collision: 1 | ep\_r: -54.3 | step: 300 | pose\_error: 0.1151 | orient\_error: 0.3653

Ep: 805 | --- | Collision: 1 | ep\_r: -6.0 | step: 300 | pose\_error: 0.0626 | orient\_error: 0.1359

Ep: 806 | --- | Collision: 1 | ep\_r: -109.1 | step: 300 | pose\_error: 0.0704 | orient\_error: 0.2954

Ep: 807 | --- | Collision: 1 | ep\_r: -48.8 | step: 300 | pose\_error: 0.0375 | orient\_error: 0.2566

Ep: 808 | --- | Collision: 1 | ep\_r: 66.1 | step: 300 | pose\_error: 0.0641 | orient\_error: 0.0316

Ep: 809 | --- | Collision: 0 | ep\_r: 79.1 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0297

Ep: 810 | --- | Collision: 0 | ep\_r: 105.2 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.0073

Ep: 811 | --- | Collision: 0 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0149 | orient\_error: 0.0170

Ep: 812 | --- | Collision: 0 | ep\_r: 98.2 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0187

Ep: 813 | --- | Collision: 1 | ep\_r: 110.9 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0114

Ep: 814 | --- | Collision: 1 | ep\_r: -0.1 | step: 300 | pose\_error: 0.1856 | orient\_error: 0.2816

Ep: 815 | --- | Collision: 1 | ep\_r: 0.9 | step: 300 | pose\_error: 0.1526 | orient\_error: 0.2703

Ep: 816 | --- | Collision: 0 | ep\_r: 83.6 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0387

Ep: 817 | --- | Collision: 1 | ep\_r: 52.4 | step: 300 | pose\_error: 0.0129 | orient\_error: 0.0321

Ep: 818 | --- | Collision: 0 | ep\_r: 89.7 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0237

Ep: 819 | --- | Collision: 1 | ep\_r: -45.4 | step: 300 | pose\_error: 0.1530 | orient\_error: 0.2606

Ep: 820 | --- | Collision: 1 | ep\_r: 20.1 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.1108

Ep: 821 | --- | Collision: 0 | ep\_r: 71.2 | step: 300 | pose\_error: 0.0324 | orient\_error: 0.0539

Ep: 822 | --- | Collision: 0 | ep\_r: 82.8 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0188

Ep: 823 | --- | Collision: 1 | ep\_r: -73.7 | step: 300 | pose\_error: 0.1893 | orient\_error: 0.3553

Ep: 824 | --- | Collision: 0 | ep\_r: 43.4 | step: 300 | pose\_error: 0.0699 | orient\_error: 0.3442

Ep: 825 | --- | Collision: 1 | ep\_r: -33.3 | step: 300 | pose\_error: 0.1962 | orient\_error: 0.3791

Ep: 826 | --- | Collision: 0 | ep\_r: -4.5 | step: 300 | pose\_error: 0.0567 | orient\_error: 0.4536

Ep: 827 | --- | Collision: 1 | ep\_r: -100.8 | step: 300 | pose\_error: 0.0511 | orient\_error: 0.5287

Ep: 828 | --- | Collision: 1 | ep\_r: -2.7 | step: 300 | pose\_error: 0.0993 | orient\_error: 0.3004

Ep: 829 | --- | Collision: 1 | ep\_r: -41.6 | step: 300 | pose\_error: 0.0622 | orient\_error: 0.1226

Ep: 830 | --- | Collision: 0 | ep\_r: 24.2 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.1720

Ep: 831 | --- | Collision: 1 | ep\_r: -2.1 | step: 300 | pose\_error: 0.0805 | orient\_error: 0.1586

Ep: 832 | --- | Collision: 1 | ep\_r: -35.7 | step: 300 | pose\_error: 0.0635 | orient\_error: 0.0895

Ep: 833 | --- | Collision: 0 | ep\_r: 14.7 | step: 300 | pose\_error: 0.0907 | orient\_error: 0.1022

Ep: 834 | --- | Collision: 0 | ep\_r: 25.4 | step: 300 | pose\_error: 0.0833 | orient\_error: 0.2187

Ep: 835 | --- | Collision: 1 | ep\_r: 62.1 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.0157

Ep: 836 | --- | Collision: 0 | ep\_r: 118.4 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0248

Ep: 837 | --- | Collision: 0 | ep\_r: 98.6 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0485

Ep: 838 | --- | Collision: 0 | ep\_r: 92.5 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0141

Ep: 839 | --- | Collision: 1 | ep\_r: -16.7 | step: 300 | pose\_error: 0.1981 | orient\_error: 0.2198

Ep: 840 | --- | Collision: 0 | ep\_r: 127.3 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0248

Ep: 841 | --- | Collision: 0 | ep\_r: 129.2 | step: 300 | pose\_error: 0.0029 | orient\_error: 0.0213

Ep: 842 | --- | Collision: 1 | ep\_r: -14.9 | step: 300 | pose\_error: 0.1990 | orient\_error: 0.1962

Ep: 843 | --- | Collision: 1 | ep\_r: -75.7 | step: 300 | pose\_error: 0.1901 | orient\_error: 0.2290

Ep: 844 | --- | Collision: 1 | ep\_r: 81.7 | step: 300 | pose\_error: 0.0865 | orient\_error: 0.0884

Ep: 845 | --- | Collision: 0 | ep\_r: 68.1 | step: 300 | pose\_error: 0.0219 | orient\_error: 0.0268

Ep: 846 | --- | Collision: 0 | ep\_r: 146.5 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0065

Ep: 847 | --- | Collision: 0 | ep\_r: 110.1 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.0215

Ep: 848 | --- | Collision: 1 | ep\_r: -39.3 | step: 300 | pose\_error: 0.2284 | orient\_error: 0.6905

Ep: 849 | --- | Collision: 1 | ep\_r: -148.8 | step: 300 | pose\_error: 0.2419 | orient\_error: 0.4373

Ep: 850 | --- | Collision: 0 | ep\_r: 88.3 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0136

Ep: 851 | --- | Collision: 0 | ep\_r: 148.8 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0094

Ep: 852 | --- | Collision: 1 | ep\_r: 76.3 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.0040

Ep: 853 | --- | Collision: 0 | ep\_r: 150.5 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0156

Ep: 854 | --- | Collision: 1 | ep\_r: 94.2 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0278

Ep: 855 | --- | Collision: 1 | ep\_r: 78.8 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0285

Ep: 856 | --- | Collision: 0 | ep\_r: 100.1 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0207

Ep: 857 | --- | Collision: 0 | ep\_r: 135.0 | step: 300 | pose\_error: 0.0281 | orient\_error: 0.0301

Ep: 858 | --- | Collision: 0 | ep\_r: 102.6 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.0301

Ep: 859 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0206 | orient\_error: 0.0153

Ep: 860 | --- | Collision: 0 | ep\_r: 89.6 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0467

Ep: 861 | --- | Collision: 1 | ep\_r: 100.5 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0092

Ep: 862 | --- | Collision: 0 | ep\_r: 110.4 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0321

Ep: 863 | --- | Collision: 0 | ep\_r: 113.1 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0139

Ep: 864 | --- | Collision: 0 | ep\_r: 103.3 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0113

Ep: 865 | --- | Collision: 0 | ep\_r: 113.5 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0077

Ep: 866 | --- | Collision: 0 | ep\_r: 141.6 | step: 300 | pose\_error: 0.0154 | orient\_error: 0.0154

Ep: 867 | --- | Collision: 0 | ep\_r: 143.3 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.0179

Ep: 868 | --- | Collision: 0 | ep\_r: 114.6 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0261

Ep: 869 | --- | Collision: 0 | ep\_r: 172.6 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0327

Ep: 870 | --- | Collision: 0 | ep\_r: 182.2 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0193

Ep: 871 | --- | Collision: 0 | ep\_r: 108.3 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0142

Ep: 872 | --- | Collision: 1 | ep\_r: 101.6 | step: 300 | pose\_error: 0.0150 | orient\_error: 0.0231

Ep: 873 | --- | Collision: 0 | ep\_r: 106.9 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0133

Ep: 874 | --- | Collision: 0 | ep\_r: 114.0 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.0376

Ep: 875 | --- | Collision: 0 | ep\_r: 107.0 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.0291

Ep: 876 | --- | Collision: 1 | ep\_r: 103.9 | step: 300 | pose\_error: 0.0024 | orient\_error: 0.0448

Ep: 877 | --- | Collision: 0 | ep\_r: 195.0 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.0253

Ep: 878 | --- | Collision: 0 | ep\_r: 119.1 | step: 300 | pose\_error: 0.0148 | orient\_error: 0.0153

Ep: 879 | --- | Collision: 0 | ep\_r: 174.2 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0249

Ep: 880 | --- | Collision: 0 | ep\_r: 195.0 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0069

Ep: 881 | --- | Collision: 1 | ep\_r: 168.4 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0158

Ep: 882 | --- | Collision: 1 | ep\_r: 96.9 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0075

Ep: 883 | --- | Collision: 0 | ep\_r: 105.6 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.0211

Ep: 884 | --- | Collision: 0 | ep\_r: 110.3 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0279

Ep: 885 | --- | Collision: 0 | ep\_r: 116.7 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0233

Ep: 886 | --- | Collision: 0 | ep\_r: 103.3 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.0132

Ep: 887 | --- | Collision: 0 | ep\_r: 198.2 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.0142

Ep: 888 | done | Collision: 0 | ep\_r: 98.2 | step: 163 | pose\_error: 0.0066 | orient\_error: 0.0165

Ep: 889 | --- | Collision: 0 | ep\_r: 131.0 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.0266

Ep: 890 | --- | Collision: 0 | ep\_r: 134.3 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0215

Ep: 891 | --- | Collision: 0 | ep\_r: 205.3 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.0268

Ep: 892 | --- | Collision: 0 | ep\_r: 129.6 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.0179

Ep: 893 | --- | Collision: 0 | ep\_r: 103.9 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0171

Ep: 894 | done | Collision: 1 | ep\_r: 185.3 | step: 294 | pose\_error: 0.0069 | orient\_error: 0.0093

Ep: 895 | done | Collision: 1 | ep\_r: 84.6 | step: 154 | pose\_error: 0.0061 | orient\_error: 0.0044

Ep: 896 | --- | Collision: 0 | ep\_r: 121.0 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0196

Ep: 897 | done | Collision: 0 | ep\_r: 83.1 | step: 140 | pose\_error: 0.0077 | orient\_error: 0.0087

Ep: 898 | done | Collision: 0 | ep\_r: 91.0 | step: 162 | pose\_error: 0.0068 | orient\_error: 0.0070

Ep: 899 | --- | Collision: 0 | ep\_r: 199.2 | step: 300 | pose\_error: 0.0014 | orient\_error: 0.0133

Ep: 900 | --- | Collision: 0 | ep\_r: 146.0 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0042

Ep: 901 | --- | Collision: 1 | ep\_r: -68.6 | step: 300 | pose\_error: 0.2069 | orient\_error: 0.2977

Ep: 902 | --- | Collision: 1 | ep\_r: -119.1 | step: 300 | pose\_error: 0.2835 | orient\_error: 0.3340

Ep: 903 | --- | Collision: 0 | ep\_r: -78.8 | step: 300 | pose\_error: 0.2155 | orient\_error: 0.1591

Ep: 904 | --- | Collision: 1 | ep\_r: -40.2 | step: 300 | pose\_error: 0.1643 | orient\_error: 0.2778

Ep: 905 | --- | Collision: 0 | ep\_r: 107.7 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0056

Ep: 906 | --- | Collision: 1 | ep\_r: -119.9 | step: 300 | pose\_error: 0.2153 | orient\_error: 0.1359

Ep: 907 | --- | Collision: 1 | ep\_r: -34.4 | step: 300 | pose\_error: 0.1284 | orient\_error: 0.2691

Ep: 908 | --- | Collision: 0 | ep\_r: -88.7 | step: 300 | pose\_error: 0.2179 | orient\_error: 0.2353

Ep: 909 | --- | Collision: 1 | ep\_r: 69.3 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0161

Ep: 910 | --- | Collision: 1 | ep\_r: -138.5 | step: 300 | pose\_error: 0.1533 | orient\_error: 0.4059

Ep: 911 | --- | Collision: 1 | ep\_r: 102.9 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0181

Ep: 912 | --- | Collision: 0 | ep\_r: 104.0 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0106

Ep: 913 | done | Collision: 1 | ep\_r: 126.4 | step: 242 | pose\_error: 0.0027 | orient\_error: 0.0207

Ep: 914 | --- | Collision: 0 | ep\_r: -12.5 | step: 300 | pose\_error: 0.0605 | orient\_error: 0.3461

Ep: 915 | done | Collision: 0 | ep\_r: 114.2 | step: 217 | pose\_error: 0.0061 | orient\_error: 0.0199

Ep: 916 | done | Collision: 0 | ep\_r: 154.6 | step: 249 | pose\_error: 0.0054 | orient\_error: 0.0175

Ep: 917 | done | Collision: 0 | ep\_r: 91.1 | step: 169 | pose\_error: 0.0071 | orient\_error: 0.0112

Ep: 918 | --- | Collision: 0 | ep\_r: 222.7 | step: 300 | pose\_error: 0.0056 | orient\_error: 0.0080

Ep: 919 | --- | Collision: 0 | ep\_r: 241.9 | step: 300 | pose\_error: 0.0055 | orient\_error: 0.0070

Ep: 920 | done | Collision: 0 | ep\_r: 121.6 | step: 259 | pose\_error: 0.0077 | orient\_error: 0.0062

Ep: 921 | done | Collision: 0 | ep\_r: 107.2 | step: 193 | pose\_error: 0.0059 | orient\_error: 0.0039

Ep: 922 | done | Collision: 1 | ep\_r: 109.9 | step: 235 | pose\_error: 0.0078 | orient\_error: 0.0089

Ep: 923 | --- | Collision: 0 | ep\_r: 109.5 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.0101

Ep: 924 | --- | Collision: 1 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0110

Ep: 925 | done | Collision: 0 | ep\_r: 226.7 | step: 295 | pose\_error: 0.0066 | orient\_error: 0.0130

Ep: 926 | --- | Collision: 0 | ep\_r: 130.0 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.0078

Ep: 927 | --- | Collision: 1 | ep\_r: 200.5 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.0077

Ep: 928 | --- | Collision: 0 | ep\_r: 88.0 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.0078

Ep: 929 | --- | Collision: 1 | ep\_r: 86.7 | step: 300 | pose\_error: 0.0060 | orient\_error: 0.0302

Ep: 930 | done | Collision: 1 | ep\_r: 51.5 | step: 167 | pose\_error: 0.0015 | orient\_error: 0.0109

Ep: 931 | --- | Collision: 1 | ep\_r: 174.5 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.0195

Ep: 932 | --- | Collision: 1 | ep\_r: 204.7 | step: 300 | pose\_error: 0.0034 | orient\_error: 0.0252

Ep: 933 | --- | Collision: 1 | ep\_r: 165.7 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0143

Ep: 934 | done | Collision: 1 | ep\_r: 96.0 | step: 188 | pose\_error: 0.0074 | orient\_error: 0.0173

Ep: 935 | --- | Collision: 1 | ep\_r: 244.1 | step: 300 | pose\_error: 0.0043 | orient\_error: 0.0061

Ep: 936 | done | Collision: 1 | ep\_r: 78.7 | step: 147 | pose\_error: 0.0025 | orient\_error: 0.0038

Ep: 937 | --- | Collision: 1 | ep\_r: 119.2 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0088

Ep: 938 | --- | Collision: 0 | ep\_r: 177.3 | step: 300 | pose\_error: 0.0024 | orient\_error: 0.0194

Ep: 939 | --- | Collision: 0 | ep\_r: 126.4 | step: 300 | pose\_error: 0.0058 | orient\_error: 0.0107

Ep: 940 | --- | Collision: 0 | ep\_r: 135.3 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0143

Ep: 941 | --- | Collision: 0 | ep\_r: 202.1 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.0130

Ep: 942 | --- | Collision: 1 | ep\_r: -4.0 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.0241

Ep: 943 | --- | Collision: 0 | ep\_r: 127.3 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0212

Ep: 944 | done | Collision: 0 | ep\_r: 81.8 | step: 135 | pose\_error: 0.0073 | orient\_error: 0.0081

Ep: 945 | --- | Collision: 1 | ep\_r: 111.3 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0064

Ep: 946 | --- | Collision: 1 | ep\_r: 137.6 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0255

Ep: 947 | --- | Collision: 0 | ep\_r: 190.5 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0068

Ep: 948 | --- | Collision: 0 | ep\_r: 124.2 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0057

Ep: 949 | done | Collision: 1 | ep\_r: 179.8 | step: 260 | pose\_error: 0.0087 | orient\_error: 0.0140

Ep: 950 | --- | Collision: 1 | ep\_r: 145.1 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0290

Ep: 951 | --- | Collision: 1 | ep\_r: 150.1 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0264

Ep: 952 | done | Collision: 1 | ep\_r: 109.3 | step: 189 | pose\_error: 0.0020 | orient\_error: 0.0109

Ep: 953 | done | Collision: 1 | ep\_r: 85.8 | step: 154 | pose\_error: 0.0013 | orient\_error: 0.0061

Ep: 954 | done | Collision: 0 | ep\_r: 107.4 | step: 200 | pose\_error: 0.0070 | orient\_error: 0.0112

Ep: 955 | --- | Collision: 0 | ep\_r: 204.4 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0133

Ep: 956 | --- | Collision: 0 | ep\_r: 225.7 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.0108

Ep: 957 | done | Collision: 1 | ep\_r: 65.4 | step: 183 | pose\_error: 0.0030 | orient\_error: 0.0141

Ep: 958 | done | Collision: 0 | ep\_r: 147.4 | step: 186 | pose\_error: 0.0036 | orient\_error: 0.0035

Ep: 959 | --- | Collision: 1 | ep\_r: -234.1 | step: 300 | pose\_error: 0.2351 | orient\_error: 0.4299

Ep: 960 | --- | Collision: 0 | ep\_r: 221.5 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0050

Ep: 961 | done | Collision: 0 | ep\_r: 171.3 | step: 258 | pose\_error: 0.0068 | orient\_error: 0.0065

Ep: 962 | done | Collision: 0 | ep\_r: 85.3 | step: 155 | pose\_error: 0.0026 | orient\_error: 0.0194

Ep: 963 | done | Collision: 0 | ep\_r: 140.1 | step: 196 | pose\_error: 0.0061 | orient\_error: 0.0099

Ep: 964 | done | Collision: 1 | ep\_r: 87.7 | step: 182 | pose\_error: 0.0104 | orient\_error: 0.0153

Ep: 965 | --- | Collision: 1 | ep\_r: 116.6 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0097

Ep: 966 | --- | Collision: 0 | ep\_r: 168.3 | step: 300 | pose\_error: 0.0049 | orient\_error: 0.0072

Ep: 967 | --- | Collision: 0 | ep\_r: 124.9 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0113

Ep: 968 | done | Collision: 0 | ep\_r: 149.5 | step: 222 | pose\_error: 0.0024 | orient\_error: 0.0124

Ep: 969 | --- | Collision: 0 | ep\_r: 98.5 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0257

Ep: 970 | done | Collision: 1 | ep\_r: 144.6 | step: 277 | pose\_error: 0.0077 | orient\_error: 0.0152

Ep: 971 | --- | Collision: 0 | ep\_r: 114.6 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0116

Ep: 972 | done | Collision: 1 | ep\_r: 95.5 | step: 213 | pose\_error: 0.0073 | orient\_error: 0.0090

Ep: 973 | done | Collision: 0 | ep\_r: 99.7 | step: 187 | pose\_error: 0.0069 | orient\_error: 0.0100

Ep: 974 | --- | Collision: 0 | ep\_r: 118.1 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0137

Ep: 975 | --- | Collision: 0 | ep\_r: 143.9 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0191

Ep: 976 | done | Collision: 0 | ep\_r: 111.8 | step: 205 | pose\_error: 0.0080 | orient\_error: 0.0084

Ep: 977 | --- | Collision: 0 | ep\_r: 73.0 | step: 300 | pose\_error: 0.0174 | orient\_error: 0.0398

Ep: 978 | --- | Collision: 1 | ep\_r: -132.3 | step: 300 | pose\_error: 0.2161 | orient\_error: 0.1650

Ep: 979 | --- | Collision: 1 | ep\_r: -48.9 | step: 300 | pose\_error: 0.0169 | orient\_error: 0.0176

Ep: 980 | --- | Collision: 1 | ep\_r: 140.7 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0142

Ep: 981 | --- | Collision: 1 | ep\_r: -77.2 | step: 300 | pose\_error: 0.1949 | orient\_error: 0.4419

Ep: 982 | done | Collision: 0 | ep\_r: 96.7 | step: 197 | pose\_error: 0.0081 | orient\_error: 0.0122

Ep: 983 | done | Collision: 1 | ep\_r: 136.4 | step: 240 | pose\_error: 0.0088 | orient\_error: 0.0115

Ep: 984 | done | Collision: 0 | ep\_r: 108.0 | step: 198 | pose\_error: 0.0056 | orient\_error: 0.0066

Ep: 985 | done | Collision: 0 | ep\_r: 117.0 | step: 193 | pose\_error: 0.0062 | orient\_error: 0.0182

Ep: 986 | done | Collision: 1 | ep\_r: 96.0 | step: 186 | pose\_error: 0.0087 | orient\_error: 0.0100

Ep: 987 | --- | Collision: 1 | ep\_r: -78.6 | step: 300 | pose\_error: 0.0860 | orient\_error: 0.3288

Ep: 988 | --- | Collision: 0 | ep\_r: 217.7 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0133

Ep: 989 | done | Collision: 1 | ep\_r: 65.6 | step: 133 | pose\_error: 0.0049 | orient\_error: 0.0059

Ep: 990 | done | Collision: 1 | ep\_r: 187.4 | step: 280 | pose\_error: 0.0053 | orient\_error: 0.0102

Ep: 991 | done | Collision: 0 | ep\_r: 106.8 | step: 213 | pose\_error: 0.0067 | orient\_error: 0.0163

Ep: 992 | done | Collision: 1 | ep\_r: 96.8 | step: 170 | pose\_error: 0.0066 | orient\_error: 0.0066

Ep: 993 | done | Collision: 0 | ep\_r: 97.8 | step: 175 | pose\_error: 0.0064 | orient\_error: 0.0085

Ep: 994 | --- | Collision: 0 | ep\_r: 174.4 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0060

Ep: 995 | --- | Collision: 1 | ep\_r: 134.3 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.0104

Ep: 996 | done | Collision: 0 | ep\_r: 135.5 | step: 275 | pose\_error: 0.0018 | orient\_error: 0.0109

Ep: 997 | done | Collision: 1 | ep\_r: 87.6 | step: 189 | pose\_error: 0.0044 | orient\_error: 0.0077

Ep: 998 | done | Collision: 0 | ep\_r: 86.7 | step: 158 | pose\_error: 0.0049 | orient\_error: 0.0105

Ep: 999 | --- | Collision: 0 | ep\_r: 193.2 | step: 300 | pose\_error: 0.0037 | orient\_error: 0.0065

Ep: 1000 | done | Collision: 0 | ep\_r: 133.0 | step: 223 | pose\_error: 0.0065 | orient\_error: 0.0081

Ep: 1001 | done | Collision: 0 | ep\_r: 159.3 | step: 240 | pose\_error: 0.0020 | orient\_error: 0.0031

Ep: 1002 | --- | Collision: 1 | ep\_r: 144.1 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0082

Ep: 1003 | done | Collision: 1 | ep\_r: 124.7 | step: 232 | pose\_error: 0.0061 | orient\_error: 0.0077

Ep: 1004 | done | Collision: 1 | ep\_r: 116.0 | step: 233 | pose\_error: 0.0075 | orient\_error: 0.0103

Ep: 1005 | done | Collision: 1 | ep\_r: 98.2 | step: 210 | pose\_error: 0.0064 | orient\_error: 0.0133

Ep: 1006 | --- | Collision: 1 | ep\_r: 44.5 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0083

Ep: 1007 | --- | Collision: 1 | ep\_r: 118.1 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0183

Ep: 1008 | done | Collision: 1 | ep\_r: 108.5 | step: 195 | pose\_error: 0.0086 | orient\_error: 0.0084

Ep: 1009 | done | Collision: 1 | ep\_r: 104.4 | step: 192 | pose\_error: 0.0043 | orient\_error: 0.0049

Ep: 1010 | done | Collision: 1 | ep\_r: 79.9 | step: 165 | pose\_error: 0.0038 | orient\_error: 0.0091

Ep: 1011 | done | Collision: 1 | ep\_r: 100.3 | step: 164 | pose\_error: 0.0075 | orient\_error: 0.0052

Ep: 1012 | done | Collision: 1 | ep\_r: 120.4 | step: 205 | pose\_error: 0.0030 | orient\_error: 0.0067

Ep: 1013 | done | Collision: 1 | ep\_r: 85.2 | step: 168 | pose\_error: 0.0050 | orient\_error: 0.0111

Ep: 1014 | --- | Collision: 1 | ep\_r: 227.3 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0144

Ep: 1015 | done | Collision: 1 | ep\_r: 112.4 | step: 187 | pose\_error: 0.0063 | orient\_error: 0.0112

Ep: 1016 | --- | Collision: 0 | ep\_r: 188.4 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0095

Ep: 1017 | done | Collision: 1 | ep\_r: 130.3 | step: 267 | pose\_error: 0.0068 | orient\_error: 0.0155

Ep: 1018 | done | Collision: 1 | ep\_r: 80.4 | step: 189 | pose\_error: 0.0044 | orient\_error: 0.0028

Ep: 1019 | done | Collision: 0 | ep\_r: 87.2 | step: 162 | pose\_error: 0.0070 | orient\_error: 0.0080

Ep: 1020 | done | Collision: 1 | ep\_r: 219.0 | step: 265 | pose\_error: 0.0033 | orient\_error: 0.0053

Ep: 1021 | --- | Collision: 1 | ep\_r: -180.1 | step: 300 | pose\_error: 0.0607 | orient\_error: 0.1249

Ep: 1022 | done | Collision: 1 | ep\_r: 128.5 | step: 237 | pose\_error: 0.0083 | orient\_error: 0.0158

Ep: 1023 | --- | Collision: 1 | ep\_r: -145.7 | step: 300 | pose\_error: 0.2686 | orient\_error: 0.6764

Ep: 1024 | --- | Collision: 0 | ep\_r: -149.2 | step: 300 | pose\_error: 0.2567 | orient\_error: 0.6110

Ep: 1025 | --- | Collision: 1 | ep\_r: -51.0 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0347

Ep: 1026 | done | Collision: 0 | ep\_r: 179.7 | step: 273 | pose\_error: 0.0079 | orient\_error: 0.0070

Ep: 1027 | done | Collision: 1 | ep\_r: 63.0 | step: 244 | pose\_error: 0.0029 | orient\_error: 0.0094

Ep: 1028 | --- | Collision: 1 | ep\_r: 194.8 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0088

Ep: 1029 | --- | Collision: 0 | ep\_r: -103.6 | step: 300 | pose\_error: 0.0648 | orient\_error: 0.3481

Ep: 1030 | --- | Collision: 1 | ep\_r: 117.0 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.0085

Ep: 1031 | --- | Collision: 1 | ep\_r: -212.7 | step: 300 | pose\_error: 0.1796 | orient\_error: 0.6742

Ep: 1032 | --- | Collision: 0 | ep\_r: -10.7 | step: 300 | pose\_error: 0.0754 | orient\_error: 0.1854

Ep: 1033 | --- | Collision: 1 | ep\_r: -83.2 | step: 300 | pose\_error: 0.1166 | orient\_error: 0.6170

Ep: 1034 | --- | Collision: 1 | ep\_r: 60.9 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0116

Ep: 1035 | --- | Collision: 1 | ep\_r: -149.6 | step: 300 | pose\_error: 0.1446 | orient\_error: 0.1518

Ep: 1036 | --- | Collision: 1 | ep\_r: -144.9 | step: 300 | pose\_error: 0.1883 | orient\_error: 0.2112

Ep: 1037 | --- | Collision: 1 | ep\_r: -53.0 | step: 300 | pose\_error: 0.0550 | orient\_error: 0.1404

Ep: 1038 | --- | Collision: 1 | ep\_r: -52.0 | step: 300 | pose\_error: 0.0564 | orient\_error: 0.1229

Ep: 1039 | --- | Collision: 1 | ep\_r: 72.1 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.0149

Ep: 1040 | --- | Collision: 0 | ep\_r: 0.9 | step: 300 | pose\_error: 0.0478 | orient\_error: 0.1543

Ep: 1041 | --- | Collision: 1 | ep\_r: 157.1 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0132

Ep: 1042 | --- | Collision: 0 | ep\_r: -8.4 | step: 300 | pose\_error: 0.0785 | orient\_error: 0.2161

Ep: 1043 | done | Collision: 0 | ep\_r: 89.6 | step: 190 | pose\_error: 0.0052 | orient\_error: 0.0032

Ep: 1044 | done | Collision: 1 | ep\_r: 68.2 | step: 172 | pose\_error: 0.0045 | orient\_error: 0.0084

Ep: 1045 | done | Collision: 1 | ep\_r: 74.6 | step: 150 | pose\_error: 0.0017 | orient\_error: 0.0052

Ep: 1046 | done | Collision: 1 | ep\_r: 70.8 | step: 153 | pose\_error: 0.0061 | orient\_error: 0.0082

Ep: 1047 | --- | Collision: 1 | ep\_r: 221.9 | step: 300 | pose\_error: 0.0049 | orient\_error: 0.0036

Ep: 1048 | --- | Collision: 1 | ep\_r: 74.5 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0298

Ep: 1049 | --- | Collision: 1 | ep\_r: 166.5 | step: 300 | pose\_error: 0.0060 | orient\_error: 0.0168

Ep: 1050 | done | Collision: 1 | ep\_r: 104.0 | step: 215 | pose\_error: 0.0036 | orient\_error: 0.0057

Ep: 1051 | --- | Collision: 0 | ep\_r: 206.6 | step: 300 | pose\_error: 0.0026 | orient\_error: 0.0129

Ep: 1052 | done | Collision: 0 | ep\_r: 188.7 | step: 283 | pose\_error: 0.0068 | orient\_error: 0.0017

Ep: 1053 | done | Collision: 1 | ep\_r: 140.9 | step: 245 | pose\_error: 0.0053 | orient\_error: 0.0098

Ep: 1054 | done | Collision: 1 | ep\_r: 87.4 | step: 153 | pose\_error: 0.0054 | orient\_error: 0.0138

Ep: 1055 | --- | Collision: 0 | ep\_r: 87.4 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0342

Ep: 1056 | done | Collision: 1 | ep\_r: 100.0 | step: 224 | pose\_error: 0.0084 | orient\_error: 0.0153

Ep: 1057 | --- | Collision: 0 | ep\_r: 106.0 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0272

Ep: 1058 | done | Collision: 0 | ep\_r: 94.1 | step: 193 | pose\_error: 0.0055 | orient\_error: 0.0162

Ep: 1059 | --- | Collision: 0 | ep\_r: 191.7 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0155

Ep: 1060 | done | Collision: 0 | ep\_r: 213.5 | step: 293 | pose\_error: 0.0048 | orient\_error: 0.0174

Ep: 1061 | done | Collision: 1 | ep\_r: 141.2 | step: 242 | pose\_error: 0.0068 | orient\_error: 0.0069

Ep: 1062 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.0072

Ep: 1063 | done | Collision: 0 | ep\_r: 92.3 | step: 197 | pose\_error: 0.0021 | orient\_error: 0.0076

Ep: 1064 | done | Collision: 0 | ep\_r: 109.9 | step: 175 | pose\_error: 0.0046 | orient\_error: 0.0126

Ep: 1065 | done | Collision: 0 | ep\_r: 215.7 | step: 259 | pose\_error: 0.0079 | orient\_error: 0.0136

Ep: 1066 | done | Collision: 0 | ep\_r: 91.4 | step: 153 | pose\_error: 0.0052 | orient\_error: 0.0084

Ep: 1067 | done | Collision: 0 | ep\_r: 95.1 | step: 212 | pose\_error: 0.0038 | orient\_error: 0.0106

Ep: 1068 | done | Collision: 1 | ep\_r: 79.6 | step: 139 | pose\_error: 0.0037 | orient\_error: 0.0069

Ep: 1069 | --- | Collision: 1 | ep\_r: 150.2 | step: 300 | pose\_error: 0.0026 | orient\_error: 0.0050

Ep: 1070 | done | Collision: 1 | ep\_r: 88.0 | step: 167 | pose\_error: 0.0091 | orient\_error: 0.0118

Ep: 1071 | done | Collision: 0 | ep\_r: 106.5 | step: 229 | pose\_error: 0.0060 | orient\_error: 0.0126

Ep: 1072 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0224

Ep: 1073 | done | Collision: 1 | ep\_r: 109.2 | step: 237 | pose\_error: 0.0070 | orient\_error: 0.0109

Ep: 1074 | --- | Collision: 0 | ep\_r: 183.2 | step: 300 | pose\_error: 0.0060 | orient\_error: 0.0060

Ep: 1075 | --- | Collision: 0 | ep\_r: 253.1 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0106

Ep: 1076 | done | Collision: 0 | ep\_r: 94.3 | step: 197 | pose\_error: 0.0016 | orient\_error: 0.0124

Ep: 1077 | --- | Collision: 0 | ep\_r: 217.6 | step: 300 | pose\_error: 0.0051 | orient\_error: 0.0078

Ep: 1078 | done | Collision: 0 | ep\_r: 86.2 | step: 144 | pose\_error: 0.0061 | orient\_error: 0.0177

Ep: 1079 | done | Collision: 0 | ep\_r: 116.9 | step: 187 | pose\_error: 0.0078 | orient\_error: 0.0076

Ep: 1080 | done | Collision: 0 | ep\_r: 91.6 | step: 183 | pose\_error: 0.0029 | orient\_error: 0.0117

Ep: 1081 | done | Collision: 0 | ep\_r: 113.5 | step: 200 | pose\_error: 0.0058 | orient\_error: 0.0099

Ep: 1082 | --- | Collision: 0 | ep\_r: 74.6 | step: 300 | pose\_error: 0.0496 | orient\_error: 0.0970

Ep: 1083 | done | Collision: 0 | ep\_r: 99.2 | step: 170 | pose\_error: 0.0060 | orient\_error: 0.0105

Ep: 1084 | done | Collision: 0 | ep\_r: 105.6 | step: 193 | pose\_error: 0.0060 | orient\_error: 0.0094

Ep: 1085 | done | Collision: 0 | ep\_r: 82.0 | step: 143 | pose\_error: 0.0059 | orient\_error: 0.0086

Ep: 1086 | --- | Collision: 0 | ep\_r: 93.9 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0109

Ep: 1087 | done | Collision: 0 | ep\_r: 166.8 | step: 216 | pose\_error: 0.0044 | orient\_error: 0.0069

Ep: 1088 | --- | Collision: 0 | ep\_r: 132.7 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0056

Ep: 1089 | done | Collision: 0 | ep\_r: 128.7 | step: 214 | pose\_error: 0.0032 | orient\_error: 0.0124

Ep: 1090 | done | Collision: 0 | ep\_r: 143.9 | step: 245 | pose\_error: 0.0054 | orient\_error: 0.0103

Ep: 1091 | done | Collision: 0 | ep\_r: 115.1 | step: 225 | pose\_error: 0.0072 | orient\_error: 0.0093

Ep: 1092 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0272

Ep: 1093 | done | Collision: 0 | ep\_r: 162.2 | step: 248 | pose\_error: 0.0023 | orient\_error: 0.0104

Ep: 1094 | --- | Collision: 0 | ep\_r: 158.8 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0145

Ep: 1095 | --- | Collision: 0 | ep\_r: 85.5 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0271

Ep: 1096 | --- | Collision: 1 | ep\_r: -17.7 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0212

Ep: 1097 | done | Collision: 0 | ep\_r: 134.2 | step: 272 | pose\_error: 0.0046 | orient\_error: 0.0047

Ep: 1098 | done | Collision: 0 | ep\_r: 104.8 | step: 212 | pose\_error: 0.0062 | orient\_error: 0.0151

Ep: 1099 | --- | Collision: 1 | ep\_r: 7.1 | step: 300 | pose\_error: 0.0476 | orient\_error: 0.0495

Ep: 1100 | --- | Collision: 0 | ep\_r: 179.5 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0161

Ep: 1101 | --- | Collision: 1 | ep\_r: 22.0 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0186

Ep: 1102 | --- | Collision: 0 | ep\_r: 34.4 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0269

Ep: 1103 | --- | Collision: 0 | ep\_r: 125.8 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0197

Ep: 1104 | done | Collision: 0 | ep\_r: 117.7 | step: 267 | pose\_error: 0.0071 | orient\_error: 0.0031

Ep: 1105 | --- | Collision: 0 | ep\_r: 176.0 | step: 300 | pose\_error: 0.0040 | orient\_error: 0.0045

Ep: 1106 | done | Collision: 0 | ep\_r: 94.9 | step: 203 | pose\_error: 0.0080 | orient\_error: 0.0141

Ep: 1107 | done | Collision: 0 | ep\_r: 71.7 | step: 148 | pose\_error: 0.0068 | orient\_error: 0.0067

Ep: 1108 | --- | Collision: 0 | ep\_r: 95.0 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0114

Ep: 1109 | --- | Collision: 0 | ep\_r: 119.3 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0201

Ep: 1110 | --- | Collision: 0 | ep\_r: 95.1 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0296

Ep: 1111 | --- | Collision: 0 | ep\_r: 184.0 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.0053

Ep: 1112 | done | Collision: 0 | ep\_r: 91.2 | step: 149 | pose\_error: 0.0064 | orient\_error: 0.0022

Ep: 1113 | --- | Collision: 1 | ep\_r: -51.2 | step: 300 | pose\_error: 0.1555 | orient\_error: 0.4902

Ep: 1114 | done | Collision: 0 | ep\_r: 125.2 | step: 239 | pose\_error: 0.0065 | orient\_error: 0.0140

Ep: 1115 | done | Collision: 0 | ep\_r: 103.4 | step: 208 | pose\_error: 0.0043 | orient\_error: 0.0140

Ep: 1116 | --- | Collision: 0 | ep\_r: 142.6 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0141

Ep: 1117 | --- | Collision: 0 | ep\_r: 96.3 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0200

Ep: 1118 | done | Collision: 1 | ep\_r: 190.5 | step: 231 | pose\_error: 0.0063 | orient\_error: 0.0052

Ep: 1119 | done | Collision: 0 | ep\_r: 123.4 | step: 166 | pose\_error: 0.0052 | orient\_error: 0.0088

Ep: 1120 | done | Collision: 0 | ep\_r: 106.2 | step: 198 | pose\_error: 0.0073 | orient\_error: 0.0030

Ep: 1121 | done | Collision: 0 | ep\_r: 220.3 | step: 290 | pose\_error: 0.0030 | orient\_error: 0.0058

Ep: 1122 | done | Collision: 0 | ep\_r: 109.9 | step: 189 | pose\_error: 0.0058 | orient\_error: 0.0083

Ep: 1123 | done | Collision: 1 | ep\_r: 87.4 | step: 159 | pose\_error: 0.0009 | orient\_error: 0.0146

Ep: 1124 | --- | Collision: 0 | ep\_r: 191.8 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0124

Ep: 1125 | done | Collision: 0 | ep\_r: 89.1 | step: 145 | pose\_error: 0.0072 | orient\_error: 0.0076

Ep: 1126 | done | Collision: 0 | ep\_r: 81.1 | step: 154 | pose\_error: 0.0027 | orient\_error: 0.0146

Ep: 1127 | done | Collision: 1 | ep\_r: 97.8 | step: 172 | pose\_error: 0.0047 | orient\_error: 0.0070

Ep: 1128 | done | Collision: 0 | ep\_r: 91.2 | step: 163 | pose\_error: 0.0072 | orient\_error: 0.0123

Ep: 1129 | done | Collision: 1 | ep\_r: 114.9 | step: 198 | pose\_error: 0.0054 | orient\_error: 0.0079

Ep: 1130 | done | Collision: 0 | ep\_r: 82.6 | step: 133 | pose\_error: 0.0052 | orient\_error: 0.0170

Ep: 1131 | done | Collision: 0 | ep\_r: 135.7 | step: 242 | pose\_error: 0.0062 | orient\_error: 0.0043

Ep: 1132 | done | Collision: 0 | ep\_r: 94.4 | step: 214 | pose\_error: 0.0075 | orient\_error: 0.0130

Ep: 1133 | done | Collision: 1 | ep\_r: 107.4 | step: 208 | pose\_error: 0.0024 | orient\_error: 0.0123

Ep: 1134 | --- | Collision: 1 | ep\_r: 127.9 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0153

Ep: 1135 | --- | Collision: 0 | ep\_r: 167.1 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0069

Ep: 1136 | --- | Collision: 1 | ep\_r: -88.6 | step: 300 | pose\_error: 0.1588 | orient\_error: 0.2918

Ep: 1137 | done | Collision: 0 | ep\_r: 114.2 | step: 212 | pose\_error: 0.0070 | orient\_error: 0.0097

Ep: 1138 | done | Collision: 0 | ep\_r: 106.2 | step: 171 | pose\_error: 0.0028 | orient\_error: 0.0072

Ep: 1139 | --- | Collision: 0 | ep\_r: 113.6 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.0061

Ep: 1140 | --- | Collision: 0 | ep\_r: 159.6 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0099

Ep: 1141 | done | Collision: 0 | ep\_r: 128.1 | step: 251 | pose\_error: 0.0061 | orient\_error: 0.0091

Ep: 1142 | done | Collision: 1 | ep\_r: 127.6 | step: 273 | pose\_error: 0.0087 | orient\_error: 0.0086

Ep: 1143 | done | Collision: 0 | ep\_r: 84.9 | step: 138 | pose\_error: 0.0044 | orient\_error: 0.0094

Ep: 1144 | done | Collision: 1 | ep\_r: 54.8 | step: 182 | pose\_error: 0.0033 | orient\_error: 0.0092

Ep: 1145 | done | Collision: 0 | ep\_r: 122.7 | step: 207 | pose\_error: 0.0044 | orient\_error: 0.0170

Ep: 1146 | done | Collision: 0 | ep\_r: 82.8 | step: 153 | pose\_error: 0.0060 | orient\_error: 0.0031

Ep: 1147 | done | Collision: 0 | ep\_r: 95.6 | step: 186 | pose\_error: 0.0034 | orient\_error: 0.0016

Ep: 1148 | --- | Collision: 0 | ep\_r: 96.2 | step: 300 | pose\_error: 0.0154 | orient\_error: 0.0183

Ep: 1149 | done | Collision: 1 | ep\_r: 70.5 | step: 181 | pose\_error: 0.0048 | orient\_error: 0.0127

Ep: 1150 | done | Collision: 0 | ep\_r: 84.9 | step: 155 | pose\_error: 0.0063 | orient\_error: 0.0107

Ep: 1151 | --- | Collision: 0 | ep\_r: 171.4 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0167

Ep: 1152 | --- | Collision: 0 | ep\_r: 191.9 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0031

Ep: 1153 | done | Collision: 1 | ep\_r: 122.1 | step: 251 | pose\_error: 0.0053 | orient\_error: 0.0048

Ep: 1154 | done | Collision: 0 | ep\_r: 185.3 | step: 284 | pose\_error: 0.0064 | orient\_error: 0.0040

Ep: 1155 | --- | Collision: 0 | ep\_r: 170.3 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0067

Ep: 1156 | done | Collision: 0 | ep\_r: 89.1 | step: 181 | pose\_error: 0.0009 | orient\_error: 0.0054

Ep: 1157 | done | Collision: 1 | ep\_r: 206.5 | step: 267 | pose\_error: 0.0071 | orient\_error: 0.0073

Ep: 1158 | done | Collision: 1 | ep\_r: 134.6 | step: 234 | pose\_error: 0.0025 | orient\_error: 0.0115

Ep: 1159 | done | Collision: 1 | ep\_r: 127.2 | step: 235 | pose\_error: 0.0063 | orient\_error: 0.0026

Ep: 1160 | done | Collision: 1 | ep\_r: 79.3 | step: 149 | pose\_error: 0.0047 | orient\_error: 0.0144

Ep: 1161 | --- | Collision: 1 | ep\_r: 138.3 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0094

Ep: 1162 | --- | Collision: 1 | ep\_r: 97.8 | step: 300 | pose\_error: 0.0182 | orient\_error: 0.0227

Ep: 1163 | done | Collision: 1 | ep\_r: 147.5 | step: 210 | pose\_error: 0.0049 | orient\_error: 0.0138

Ep: 1164 | --- | Collision: 1 | ep\_r: 159.7 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.0066

Ep: 1165 | done | Collision: 1 | ep\_r: 65.5 | step: 158 | pose\_error: 0.0039 | orient\_error: 0.0105

Ep: 1166 | done | Collision: 1 | ep\_r: 131.4 | step: 195 | pose\_error: 0.0037 | orient\_error: 0.0071

Ep: 1167 | done | Collision: 1 | ep\_r: 111.6 | step: 242 | pose\_error: 0.0086 | orient\_error: 0.0110

Ep: 1168 | done | Collision: 0 | ep\_r: 78.3 | step: 148 | pose\_error: 0.0050 | orient\_error: 0.0188

Ep: 1169 | done | Collision: 0 | ep\_r: 87.8 | step: 159 | pose\_error: 0.0034 | orient\_error: 0.0040

Ep: 1170 | done | Collision: 1 | ep\_r: 134.5 | step: 215 | pose\_error: 0.0045 | orient\_error: 0.0078

Ep: 1171 | done | Collision: 1 | ep\_r: 151.6 | step: 265 | pose\_error: 0.0059 | orient\_error: 0.0107

Ep: 1172 | done | Collision: 0 | ep\_r: 205.7 | step: 256 | pose\_error: 0.0038 | orient\_error: 0.0145

Ep: 1173 | done | Collision: 0 | ep\_r: 85.7 | step: 161 | pose\_error: 0.0015 | orient\_error: 0.0165

Ep: 1174 | --- | Collision: 1 | ep\_r: 162.1 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0067

Ep: 1175 | done | Collision: 0 | ep\_r: 83.1 | step: 148 | pose\_error: 0.0063 | orient\_error: 0.0154

Ep: 1176 | done | Collision: 1 | ep\_r: 78.9 | step: 152 | pose\_error: 0.0044 | orient\_error: 0.0163

Ep: 1177 | done | Collision: 0 | ep\_r: 103.5 | step: 181 | pose\_error: 0.0059 | orient\_error: 0.0067

Ep: 1178 | --- | Collision: 0 | ep\_r: 110.7 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0144

Ep: 1179 | done | Collision: 0 | ep\_r: 147.6 | step: 186 | pose\_error: 0.0082 | orient\_error: 0.0072

Ep: 1180 | done | Collision: 0 | ep\_r: 77.1 | step: 136 | pose\_error: 0.0072 | orient\_error: 0.0095

Ep: 1181 | done | Collision: 0 | ep\_r: 191.4 | step: 246 | pose\_error: 0.0064 | orient\_error: 0.0083

Ep: 1182 | done | Collision: 0 | ep\_r: 79.8 | step: 141 | pose\_error: 0.0017 | orient\_error: 0.0040

Ep: 1183 | --- | Collision: 1 | ep\_r: 152.2 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0063

Ep: 1184 | --- | Collision: 0 | ep\_r: 149.9 | step: 300 | pose\_error: 0.0049 | orient\_error: 0.0204

Ep: 1185 | --- | Collision: 1 | ep\_r: 181.2 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0055

Ep: 1186 | done | Collision: 0 | ep\_r: 155.5 | step: 178 | pose\_error: 0.0035 | orient\_error: 0.0124

Ep: 1187 | done | Collision: 0 | ep\_r: 82.6 | step: 160 | pose\_error: 0.0045 | orient\_error: 0.0108

Ep: 1188 | done | Collision: 0 | ep\_r: 146.0 | step: 276 | pose\_error: 0.0050 | orient\_error: 0.0054

Ep: 1189 | done | Collision: 0 | ep\_r: 79.0 | step: 142 | pose\_error: 0.0061 | orient\_error: 0.0028

Ep: 1190 | done | Collision: 0 | ep\_r: 82.1 | step: 159 | pose\_error: 0.0026 | orient\_error: 0.0122

Ep: 1191 | done | Collision: 0 | ep\_r: 88.7 | step: 167 | pose\_error: 0.0039 | orient\_error: 0.0067

Ep: 1192 | done | Collision: 1 | ep\_r: 181.2 | step: 258 | pose\_error: 0.0057 | orient\_error: 0.0108

Ep: 1193 | done | Collision: 0 | ep\_r: 77.2 | step: 168 | pose\_error: 0.0025 | orient\_error: 0.0082

Ep: 1194 | done | Collision: 0 | ep\_r: 164.5 | step: 268 | pose\_error: 0.0037 | orient\_error: 0.0061

Ep: 1195 | --- | Collision: 0 | ep\_r: 237.2 | step: 300 | pose\_error: 0.0021 | orient\_error: 0.0105

Ep: 1196 | done | Collision: 1 | ep\_r: 107.0 | step: 175 | pose\_error: 0.0078 | orient\_error: 0.0135

Ep: 1197 | done | Collision: 0 | ep\_r: 80.9 | step: 148 | pose\_error: 0.0081 | orient\_error: 0.0159

Ep: 1198 | done | Collision: 1 | ep\_r: 67.5 | step: 160 | pose\_error: 0.0053 | orient\_error: 0.0045

Ep: 1199 | done | Collision: 1 | ep\_r: 81.6 | step: 148 | pose\_error: 0.0030 | orient\_error: 0.0165

Ep: 1200 | done | Collision: 1 | ep\_r: 82.0 | step: 160 | pose\_error: 0.0054 | orient\_error: 0.0116

Ep: 1201 | --- | Collision: 1 | ep\_r: 167.1 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0194

Ep: 1202 | done | Collision: 1 | ep\_r: 77.2 | step: 138 | pose\_error: 0.0035 | orient\_error: 0.0113

Ep: 1203 | done | Collision: 1 | ep\_r: 77.6 | step: 144 | pose\_error: 0.0039 | orient\_error: 0.0144

Ep: 1204 | done | Collision: 0 | ep\_r: 83.0 | step: 192 | pose\_error: 0.0067 | orient\_error: 0.0157

Ep: 1205 | done | Collision: 1 | ep\_r: 74.3 | step: 139 | pose\_error: 0.0054 | orient\_error: 0.0180

Ep: 1206 | --- | Collision: 1 | ep\_r: 190.7 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0120

Ep: 1207 | --- | Collision: 0 | ep\_r: 187.8 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0106

Ep: 1208 | --- | Collision: 1 | ep\_r: 255.0 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.0127

Ep: 1209 | done | Collision: 1 | ep\_r: 130.0 | step: 180 | pose\_error: 0.0029 | orient\_error: 0.0059

Ep: 1210 | done | Collision: 1 | ep\_r: 95.3 | step: 184 | pose\_error: 0.0065 | orient\_error: 0.0075

Ep: 1211 | done | Collision: 1 | ep\_r: 78.4 | step: 178 | pose\_error: 0.0042 | orient\_error: 0.0086

Ep: 1212 | done | Collision: 1 | ep\_r: 184.2 | step: 227 | pose\_error: 0.0044 | orient\_error: 0.0131

Ep: 1213 | done | Collision: 1 | ep\_r: 86.6 | step: 184 | pose\_error: 0.0030 | orient\_error: 0.0101

Ep: 1214 | done | Collision: 1 | ep\_r: 77.3 | step: 160 | pose\_error: 0.0038 | orient\_error: 0.0139

Ep: 1215 | done | Collision: 1 | ep\_r: 77.3 | step: 149 | pose\_error: 0.0066 | orient\_error: 0.0053

Ep: 1216 | done | Collision: 1 | ep\_r: 88.9 | step: 170 | pose\_error: 0.0075 | orient\_error: 0.0108

Ep: 1217 | --- | Collision: 1 | ep\_r: 156.8 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0201

Ep: 1218 | done | Collision: 1 | ep\_r: 72.9 | step: 161 | pose\_error: 0.0040 | orient\_error: 0.0037

Ep: 1219 | done | Collision: 1 | ep\_r: 216.0 | step: 294 | pose\_error: 0.0052 | orient\_error: 0.0063

Ep: 1220 | --- | Collision: 1 | ep\_r: 45.0 | step: 300 | pose\_error: 0.0301 | orient\_error: 0.0425

Ep: 1221 | --- | Collision: 1 | ep\_r: 212.0 | step: 300 | pose\_error: 0.0042 | orient\_error: 0.0140

Ep: 1222 | --- | Collision: 1 | ep\_r: -64.2 | step: 300 | pose\_error: 0.2381 | orient\_error: 0.3104

Ep: 1223 | done | Collision: 1 | ep\_r: 58.9 | step: 177 | pose\_error: 0.0076 | orient\_error: 0.0215

Ep: 1224 | done | Collision: 1 | ep\_r: 76.3 | step: 169 | pose\_error: 0.0048 | orient\_error: 0.0095

Ep: 1225 | done | Collision: 1 | ep\_r: 80.2 | step: 158 | pose\_error: 0.0035 | orient\_error: 0.0082

Ep: 1226 | done | Collision: 0 | ep\_r: 109.3 | step: 245 | pose\_error: 0.0036 | orient\_error: 0.0127

Ep: 1227 | done | Collision: 1 | ep\_r: 79.9 | step: 182 | pose\_error: 0.0039 | orient\_error: 0.0166

Ep: 1228 | done | Collision: 1 | ep\_r: 83.8 | step: 200 | pose\_error: 0.0051 | orient\_error: 0.0102

Ep: 1229 | done | Collision: 0 | ep\_r: 86.0 | step: 199 | pose\_error: 0.0017 | orient\_error: 0.0152

Ep: 1230 | done | Collision: 0 | ep\_r: 85.6 | step: 207 | pose\_error: 0.0050 | orient\_error: 0.0100

Ep: 1231 | --- | Collision: 1 | ep\_r: 249.7 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0059

Ep: 1232 | --- | Collision: 0 | ep\_r: 137.9 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0105

Ep: 1233 | done | Collision: 1 | ep\_r: 81.6 | step: 181 | pose\_error: 0.0044 | orient\_error: 0.0087

Ep: 1234 | --- | Collision: 1 | ep\_r: 136.8 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.0101

Ep: 1235 | done | Collision: 1 | ep\_r: 214.4 | step: 266 | pose\_error: 0.0033 | orient\_error: 0.0043

Ep: 1236 | done | Collision: 1 | ep\_r: 114.8 | step: 229 | pose\_error: 0.0039 | orient\_error: 0.0034

Ep: 1237 | --- | Collision: 1 | ep\_r: 169.1 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.0131

Ep: 1238 | done | Collision: 1 | ep\_r: 85.1 | step: 183 | pose\_error: 0.0033 | orient\_error: 0.0148

Ep: 1239 | done | Collision: 1 | ep\_r: 80.8 | step: 168 | pose\_error: 0.0080 | orient\_error: 0.0067

Ep: 1240 | --- | Collision: 0 | ep\_r: 210.5 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0123

Ep: 1241 | --- | Collision: 0 | ep\_r: 268.0 | step: 300 | pose\_error: 0.0019 | orient\_error: 0.0160

Ep: 1242 | done | Collision: 1 | ep\_r: 138.1 | step: 246 | pose\_error: 0.0045 | orient\_error: 0.0101

Ep: 1243 | done | Collision: 1 | ep\_r: 91.0 | step: 206 | pose\_error: 0.0042 | orient\_error: 0.0065

Ep: 1244 | done | Collision: 0 | ep\_r: 80.5 | step: 154 | pose\_error: 0.0041 | orient\_error: 0.0117

Ep: 1245 | --- | Collision: 1 | ep\_r: 165.3 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.0083

Ep: 1246 | done | Collision: 1 | ep\_r: 86.8 | step: 177 | pose\_error: 0.0027 | orient\_error: 0.0045

Ep: 1247 | done | Collision: 0 | ep\_r: 80.7 | step: 136 | pose\_error: 0.0027 | orient\_error: 0.0052

Ep: 1248 | done | Collision: 1 | ep\_r: 120.1 | step: 217 | pose\_error: 0.0051 | orient\_error: 0.0060

Ep: 1249 | done | Collision: 0 | ep\_r: 87.3 | step: 192 | pose\_error: 0.0061 | orient\_error: 0.0113

Ep: 1250 | done | Collision: 0 | ep\_r: 117.3 | step: 190 | pose\_error: 0.0025 | orient\_error: 0.0127

Ep: 1251 | done | Collision: 0 | ep\_r: 78.9 | step: 150 | pose\_error: 0.0066 | orient\_error: 0.0132

Ep: 1252 | done | Collision: 0 | ep\_r: 93.2 | step: 166 | pose\_error: 0.0075 | orient\_error: 0.0104

Ep: 1253 | done | Collision: 1 | ep\_r: 61.3 | step: 144 | pose\_error: 0.0029 | orient\_error: 0.0062

Ep: 1254 | done | Collision: 0 | ep\_r: 96.4 | step: 167 | pose\_error: 0.0020 | orient\_error: 0.0133

Ep: 1255 | done | Collision: 1 | ep\_r: 136.6 | step: 209 | pose\_error: 0.0070 | orient\_error: 0.0126

Ep: 1256 | done | Collision: 0 | ep\_r: 71.8 | step: 149 | pose\_error: 0.0033 | orient\_error: 0.0070

Ep: 1257 | done | Collision: 0 | ep\_r: 95.5 | step: 191 | pose\_error: 0.0058 | orient\_error: 0.0052

Ep: 1258 | done | Collision: 0 | ep\_r: 83.7 | step: 149 | pose\_error: 0.0078 | orient\_error: 0.0131

Ep: 1259 | done | Collision: 0 | ep\_r: 121.8 | step: 172 | pose\_error: 0.0066 | orient\_error: 0.0135

Ep: 1260 | done | Collision: 0 | ep\_r: 81.8 | step: 142 | pose\_error: 0.0017 | orient\_error: 0.0074

Ep: 1261 | done | Collision: 0 | ep\_r: 95.3 | step: 170 | pose\_error: 0.0070 | orient\_error: 0.0101

Ep: 1262 | done | Collision: 0 | ep\_r: 77.3 | step: 130 | pose\_error: 0.0066 | orient\_error: 0.0064

Ep: 1263 | done | Collision: 0 | ep\_r: 83.7 | step: 157 | pose\_error: 0.0029 | orient\_error: 0.0074

Ep: 1264 | done | Collision: 0 | ep\_r: 145.2 | step: 208 | pose\_error: 0.0031 | orient\_error: 0.0104

Ep: 1265 | done | Collision: 0 | ep\_r: 76.3 | step: 158 | pose\_error: 0.0075 | orient\_error: 0.0177

Ep: 1266 | done | Collision: 0 | ep\_r: 249.6 | step: 273 | pose\_error: 0.0063 | orient\_error: 0.0070

Ep: 1267 | done | Collision: 1 | ep\_r: 68.8 | step: 156 | pose\_error: 0.0064 | orient\_error: 0.0185

Ep: 1268 | done | Collision: 0 | ep\_r: 95.5 | step: 168 | pose\_error: 0.0034 | orient\_error: 0.0051

Ep: 1269 | done | Collision: 1 | ep\_r: 85.8 | step: 150 | pose\_error: 0.0029 | orient\_error: 0.0087

Ep: 1270 | done | Collision: 0 | ep\_r: 94.3 | step: 174 | pose\_error: 0.0029 | orient\_error: 0.0100

Ep: 1271 | done | Collision: 1 | ep\_r: 141.8 | step: 181 | pose\_error: 0.0035 | orient\_error: 0.0080

Ep: 1272 | done | Collision: 0 | ep\_r: 89.2 | step: 191 | pose\_error: 0.0066 | orient\_error: 0.0126

Ep: 1273 | done | Collision: 0 | ep\_r: 127.1 | step: 184 | pose\_error: 0.0045 | orient\_error: 0.0042

Ep: 1274 | done | Collision: 1 | ep\_r: 75.0 | step: 139 | pose\_error: 0.0083 | orient\_error: 0.0091

Ep: 1275 | done | Collision: 0 | ep\_r: 85.0 | step: 140 | pose\_error: 0.0036 | orient\_error: 0.0072

Ep: 1276 | done | Collision: 0 | ep\_r: 98.4 | step: 201 | pose\_error: 0.0039 | orient\_error: 0.0051

Ep: 1277 | done | Collision: 1 | ep\_r: 83.4 | step: 152 | pose\_error: 0.0027 | orient\_error: 0.0055

Ep: 1278 | done | Collision: 1 | ep\_r: 73.2 | step: 143 | pose\_error: 0.0027 | orient\_error: 0.0099

Ep: 1279 | done | Collision: 1 | ep\_r: 60.2 | step: 208 | pose\_error: 0.0061 | orient\_error: 0.0053

Ep: 1280 | done | Collision: 0 | ep\_r: 87.3 | step: 146 | pose\_error: 0.0043 | orient\_error: 0.0074

Ep: 1281 | done | Collision: 1 | ep\_r: 101.2 | step: 188 | pose\_error: 0.0049 | orient\_error: 0.0160

Ep: 1282 | done | Collision: 1 | ep\_r: 69.8 | step: 139 | pose\_error: 0.0036 | orient\_error: 0.0050

Ep: 1283 | done | Collision: 0 | ep\_r: 75.9 | step: 132 | pose\_error: 0.0066 | orient\_error: 0.0108

Ep: 1284 | done | Collision: 1 | ep\_r: 171.2 | step: 228 | pose\_error: 0.0053 | orient\_error: 0.0072

Ep: 1285 | done | Collision: 1 | ep\_r: 74.4 | step: 143 | pose\_error: 0.0038 | orient\_error: 0.0057

Ep: 1286 | done | Collision: 0 | ep\_r: 82.0 | step: 150 | pose\_error: 0.0035 | orient\_error: 0.0064

Ep: 1287 | --- | Collision: 0 | ep\_r: 203.0 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0098

Ep: 1288 | done | Collision: 0 | ep\_r: 201.3 | step: 243 | pose\_error: 0.0069 | orient\_error: 0.0118

Ep: 1289 | done | Collision: 1 | ep\_r: 129.7 | step: 199 | pose\_error: 0.0075 | orient\_error: 0.0152

Ep: 1290 | done | Collision: 0 | ep\_r: 80.6 | step: 133 | pose\_error: 0.0049 | orient\_error: 0.0053

Ep: 1291 | done | Collision: 1 | ep\_r: 91.9 | step: 169 | pose\_error: 0.0061 | orient\_error: 0.0096

Ep: 1292 | done | Collision: 1 | ep\_r: 71.8 | step: 128 | pose\_error: 0.0036 | orient\_error: 0.0133

Ep: 1293 | done | Collision: 1 | ep\_r: 77.4 | step: 159 | pose\_error: 0.0061 | orient\_error: 0.0117

Ep: 1294 | done | Collision: 1 | ep\_r: 139.6 | step: 190 | pose\_error: 0.0073 | orient\_error: 0.0111

Ep: 1295 | done | Collision: 1 | ep\_r: 81.4 | step: 151 | pose\_error: 0.0021 | orient\_error: 0.0082

Ep: 1296 | done | Collision: 1 | ep\_r: 75.5 | step: 157 | pose\_error: 0.0039 | orient\_error: 0.0063

Ep: 1297 | --- | Collision: 1 | ep\_r: 214.9 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0170

Ep: 1298 | --- | Collision: 1 | ep\_r: 194.7 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0178

Ep: 1299 | done | Collision: 1 | ep\_r: 122.0 | step: 192 | pose\_error: 0.0073 | orient\_error: 0.0110

Ep: 1300 | done | Collision: 1 | ep\_r: 76.7 | step: 160 | pose\_error: 0.0056 | orient\_error: 0.0028

Ep: 1301 | done | Collision: 0 | ep\_r: 88.3 | step: 134 | pose\_error: 0.0021 | orient\_error: 0.0100

Ep: 1302 | done | Collision: 0 | ep\_r: 83.7 | step: 153 | pose\_error: 0.0040 | orient\_error: 0.0140

Ep: 1303 | done | Collision: 0 | ep\_r: 92.9 | step: 157 | pose\_error: 0.0023 | orient\_error: 0.0138

Ep: 1304 | done | Collision: 0 | ep\_r: 89.3 | step: 189 | pose\_error: 0.0071 | orient\_error: 0.0093

Ep: 1305 | done | Collision: 0 | ep\_r: 77.8 | step: 132 | pose\_error: 0.0042 | orient\_error: 0.0144

Ep: 1306 | done | Collision: 0 | ep\_r: 87.4 | step: 157 | pose\_error: 0.0029 | orient\_error: 0.0121

Ep: 1307 | --- | Collision: 1 | ep\_r: 233.4 | step: 300 | pose\_error: 0.0035 | orient\_error: 0.0073

Ep: 1308 | --- | Collision: 1 | ep\_r: 144.9 | step: 300 | pose\_error: 0.0370 | orient\_error: 0.0746

Ep: 1309 | done | Collision: 1 | ep\_r: 73.1 | step: 119 | pose\_error: 0.0026 | orient\_error: 0.0096

Ep: 1310 | --- | Collision: 1 | ep\_r: 194.1 | step: 300 | pose\_error: 0.0040 | orient\_error: 0.0063

Ep: 1311 | done | Collision: 0 | ep\_r: 76.6 | step: 144 | pose\_error: 0.0044 | orient\_error: 0.0039

Ep: 1312 | done | Collision: 1 | ep\_r: 82.3 | step: 237 | pose\_error: 0.0029 | orient\_error: 0.0119

Ep: 1313 | done | Collision: 1 | ep\_r: 61.3 | step: 158 | pose\_error: 0.0036 | orient\_error: 0.0057

Ep: 1314 | --- | Collision: 0 | ep\_r: 213.7 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0075

Ep: 1315 | done | Collision: 0 | ep\_r: 136.6 | step: 257 | pose\_error: 0.0044 | orient\_error: 0.0114

Ep: 1316 | done | Collision: 0 | ep\_r: 79.3 | step: 206 | pose\_error: 0.0056 | orient\_error: 0.0172

Ep: 1317 | done | Collision: 0 | ep\_r: 117.0 | step: 196 | pose\_error: 0.0068 | orient\_error: 0.0147

Ep: 1318 | done | Collision: 1 | ep\_r: 78.6 | step: 186 | pose\_error: 0.0026 | orient\_error: 0.0136

Ep: 1319 | done | Collision: 0 | ep\_r: 81.7 | step: 149 | pose\_error: 0.0040 | orient\_error: 0.0124

Ep: 1320 | done | Collision: 0 | ep\_r: 96.9 | step: 191 | pose\_error: 0.0067 | orient\_error: 0.0139

Ep: 1321 | done | Collision: 1 | ep\_r: 83.9 | step: 233 | pose\_error: 0.0064 | orient\_error: 0.0195

Ep: 1322 | done | Collision: 0 | ep\_r: 147.9 | step: 203 | pose\_error: 0.0063 | orient\_error: 0.0121

Ep: 1323 | done | Collision: 1 | ep\_r: 84.1 | step: 159 | pose\_error: 0.0032 | orient\_error: 0.0133

Ep: 1324 | done | Collision: 1 | ep\_r: 70.8 | step: 175 | pose\_error: 0.0024 | orient\_error: 0.0087

Ep: 1325 | done | Collision: 0 | ep\_r: 147.8 | step: 222 | pose\_error: 0.0078 | orient\_error: 0.0154

Ep: 1326 | done | Collision: 0 | ep\_r: 67.6 | step: 155 | pose\_error: 0.0056 | orient\_error: 0.0134

Ep: 1327 | done | Collision: 0 | ep\_r: 121.5 | step: 229 | pose\_error: 0.0068 | orient\_error: 0.0044

Ep: 1328 | done | Collision: 1 | ep\_r: 111.6 | step: 242 | pose\_error: 0.0055 | orient\_error: 0.0050

Ep: 1329 | --- | Collision: 1 | ep\_r: 206.6 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0142

Ep: 1330 | --- | Collision: 0 | ep\_r: 201.5 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0147

Ep: 1331 | done | Collision: 0 | ep\_r: 91.8 | step: 181 | pose\_error: 0.0027 | orient\_error: 0.0117

Ep: 1332 | done | Collision: 0 | ep\_r: 275.7 | step: 292 | pose\_error: 0.0011 | orient\_error: 0.0136

Ep: 1333 | done | Collision: 1 | ep\_r: 80.3 | step: 137 | pose\_error: 0.0071 | orient\_error: 0.0058

Ep: 1334 | done | Collision: 0 | ep\_r: 124.8 | step: 187 | pose\_error: 0.0055 | orient\_error: 0.0076

Ep: 1335 | done | Collision: 0 | ep\_r: 78.6 | step: 135 | pose\_error: 0.0046 | orient\_error: 0.0120

Ep: 1336 | --- | Collision: 1 | ep\_r: 184.7 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0281

Ep: 1337 | done | Collision: 0 | ep\_r: 138.0 | step: 231 | pose\_error: 0.0047 | orient\_error: 0.0163

Ep: 1338 | done | Collision: 0 | ep\_r: 91.2 | step: 187 | pose\_error: 0.0041 | orient\_error: 0.0118

Ep: 1339 | done | Collision: 0 | ep\_r: 86.4 | step: 152 | pose\_error: 0.0034 | orient\_error: 0.0063

Ep: 1340 | done | Collision: 1 | ep\_r: 205.0 | step: 297 | pose\_error: 0.0046 | orient\_error: 0.0202

Ep: 1341 | done | Collision: 0 | ep\_r: 101.1 | step: 167 | pose\_error: 0.0056 | orient\_error: 0.0191

Ep: 1342 | done | Collision: 1 | ep\_r: 80.6 | step: 166 | pose\_error: 0.0025 | orient\_error: 0.0064

Ep: 1343 | done | Collision: 0 | ep\_r: 106.1 | step: 190 | pose\_error: 0.0071 | orient\_error: 0.0145

Ep: 1344 | done | Collision: 0 | ep\_r: 83.3 | step: 146 | pose\_error: 0.0068 | orient\_error: 0.0039

Ep: 1345 | done | Collision: 0 | ep\_r: 219.2 | step: 243 | pose\_error: 0.0045 | orient\_error: 0.0063

Ep: 1346 | done | Collision: 0 | ep\_r: 168.7 | step: 231 | pose\_error: 0.0036 | orient\_error: 0.0059

Ep: 1347 | done | Collision: 0 | ep\_r: 169.8 | step: 230 | pose\_error: 0.0077 | orient\_error: 0.0067

Ep: 1348 | done | Collision: 0 | ep\_r: 84.5 | step: 151 | pose\_error: 0.0055 | orient\_error: 0.0147

Ep: 1349 | --- | Collision: 1 | ep\_r: 140.5 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0122

Ep: 1350 | done | Collision: 0 | ep\_r: 139.1 | step: 208 | pose\_error: 0.0058 | orient\_error: 0.0125

Ep: 1351 | --- | Collision: 1 | ep\_r: 162.7 | step: 300 | pose\_error: 0.0060 | orient\_error: 0.0210

Ep: 1352 | done | Collision: 0 | ep\_r: 141.9 | step: 270 | pose\_error: 0.0078 | orient\_error: 0.0160

Ep: 1353 | done | Collision: 1 | ep\_r: 94.0 | step: 187 | pose\_error: 0.0042 | orient\_error: 0.0080

Ep: 1354 | done | Collision: 0 | ep\_r: 144.9 | step: 228 | pose\_error: 0.0041 | orient\_error: 0.0062

Ep: 1355 | done | Collision: 0 | ep\_r: 111.2 | step: 171 | pose\_error: 0.0062 | orient\_error: 0.0130

Ep: 1356 | done | Collision: 0 | ep\_r: 135.0 | step: 200 | pose\_error: 0.0018 | orient\_error: 0.0096

Ep: 1357 | --- | Collision: 0 | ep\_r: 214.3 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0162

Ep: 1358 | done | Collision: 0 | ep\_r: 134.2 | step: 210 | pose\_error: 0.0085 | orient\_error: 0.0127

Ep: 1359 | done | Collision: 1 | ep\_r: 130.0 | step: 224 | pose\_error: 0.0047 | orient\_error: 0.0196

Ep: 1360 | done | Collision: 0 | ep\_r: 72.7 | step: 197 | pose\_error: 0.0044 | orient\_error: 0.0109

Ep: 1361 | done | Collision: 0 | ep\_r: 84.2 | step: 189 | pose\_error: 0.0067 | orient\_error: 0.0071

Ep: 1362 | done | Collision: 0 | ep\_r: 134.7 | step: 214 | pose\_error: 0.0060 | orient\_error: 0.0123

Ep: 1363 | done | Collision: 0 | ep\_r: 100.2 | step: 178 | pose\_error: 0.0025 | orient\_error: 0.0108

Ep: 1364 | done | Collision: 0 | ep\_r: 84.0 | step: 154 | pose\_error: 0.0063 | orient\_error: 0.0107

Ep: 1365 | done | Collision: 0 | ep\_r: 89.0 | step: 162 | pose\_error: 0.0032 | orient\_error: 0.0077

Ep: 1366 | done | Collision: 1 | ep\_r: 192.9 | step: 261 | pose\_error: 0.0033 | orient\_error: 0.0114

Ep: 1367 | done | Collision: 0 | ep\_r: 88.8 | step: 162 | pose\_error: 0.0052 | orient\_error: 0.0134

Ep: 1368 | done | Collision: 0 | ep\_r: 196.7 | step: 229 | pose\_error: 0.0063 | orient\_error: 0.0079

Ep: 1369 | done | Collision: 0 | ep\_r: 162.7 | step: 265 | pose\_error: 0.0041 | orient\_error: 0.0155

Ep: 1370 | done | Collision: 1 | ep\_r: 85.1 | step: 168 | pose\_error: 0.0042 | orient\_error: 0.0143

Ep: 1371 | done | Collision: 0 | ep\_r: 115.1 | step: 219 | pose\_error: 0.0034 | orient\_error: 0.0129

Ep: 1372 | done | Collision: 0 | ep\_r: 82.2 | step: 139 | pose\_error: 0.0031 | orient\_error: 0.0081

Ep: 1373 | done | Collision: 0 | ep\_r: 95.6 | step: 176 | pose\_error: 0.0055 | orient\_error: 0.0023

Ep: 1374 | done | Collision: 0 | ep\_r: 206.2 | step: 296 | pose\_error: 0.0022 | orient\_error: 0.0164

Ep: 1375 | done | Collision: 0 | ep\_r: 87.1 | step: 158 | pose\_error: 0.0028 | orient\_error: 0.0096

Ep: 1376 | done | Collision: 0 | ep\_r: 86.1 | step: 152 | pose\_error: 0.0054 | orient\_error: 0.0146

Ep: 1377 | done | Collision: 1 | ep\_r: 84.7 | step: 194 | pose\_error: 0.0019 | orient\_error: 0.0059

Ep: 1378 | done | Collision: 0 | ep\_r: 136.8 | step: 223 | pose\_error: 0.0071 | orient\_error: 0.0141

Ep: 1379 | done | Collision: 0 | ep\_r: 95.7 | step: 180 | pose\_error: 0.0068 | orient\_error: 0.0087

Ep: 1380 | done | Collision: 0 | ep\_r: 125.9 | step: 203 | pose\_error: 0.0036 | orient\_error: 0.0114

Ep: 1381 | done | Collision: 0 | ep\_r: 78.4 | step: 136 | pose\_error: 0.0066 | orient\_error: 0.0151

Ep: 1382 | done | Collision: 0 | ep\_r: 121.1 | step: 194 | pose\_error: 0.0057 | orient\_error: 0.0072

Ep: 1383 | done | Collision: 0 | ep\_r: 118.9 | step: 197 | pose\_error: 0.0023 | orient\_error: 0.0181

Ep: 1384 | done | Collision: 1 | ep\_r: 184.2 | step: 292 | pose\_error: 0.0022 | orient\_error: 0.0127

Ep: 1385 | --- | Collision: 0 | ep\_r: 216.0 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.0126

Ep: 1386 | done | Collision: 0 | ep\_r: 78.8 | step: 152 | pose\_error: 0.0011 | orient\_error: 0.0052

Ep: 1387 | --- | Collision: 0 | ep\_r: 194.2 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0059

Ep: 1388 | done | Collision: 0 | ep\_r: 134.4 | step: 199 | pose\_error: 0.0063 | orient\_error: 0.0072

Ep: 1389 | done | Collision: 0 | ep\_r: 113.5 | step: 197 | pose\_error: 0.0079 | orient\_error: 0.0126

Ep: 1390 | done | Collision: 0 | ep\_r: 176.3 | step: 234 | pose\_error: 0.0072 | orient\_error: 0.0179

Ep: 1391 | done | Collision: 0 | ep\_r: 156.8 | step: 246 | pose\_error: 0.0061 | orient\_error: 0.0086

Ep: 1392 | done | Collision: 0 | ep\_r: 102.1 | step: 226 | pose\_error: 0.0055 | orient\_error: 0.0105

Ep: 1393 | --- | Collision: 0 | ep\_r: 50.4 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.0054

Ep: 1394 | done | Collision: 0 | ep\_r: 128.8 | step: 193 | pose\_error: 0.0058 | orient\_error: 0.0113

Ep: 1395 | --- | Collision: 0 | ep\_r: 243.5 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0110

Ep: 1396 | done | Collision: 0 | ep\_r: 89.9 | step: 138 | pose\_error: 0.0059 | orient\_error: 0.0063

Ep: 1397 | done | Collision: 0 | ep\_r: 118.6 | step: 196 | pose\_error: 0.0055 | orient\_error: 0.0089

Ep: 1398 | done | Collision: 0 | ep\_r: 213.4 | step: 255 | pose\_error: 0.0057 | orient\_error: 0.0045

Ep: 1399 | done | Collision: 0 | ep\_r: 90.3 | step: 168 | pose\_error: 0.0061 | orient\_error: 0.0131

Ep: 1400 | done | Collision: 0 | ep\_r: 95.0 | step: 195 | pose\_error: 0.0051 | orient\_error: 0.0152

Ep: 1401 | done | Collision: 0 | ep\_r: 110.3 | step: 200 | pose\_error: 0.0048 | orient\_error: 0.0044

Ep: 1402 | done | Collision: 0 | ep\_r: 110.0 | step: 201 | pose\_error: 0.0030 | orient\_error: 0.0073

Ep: 1403 | done | Collision: 0 | ep\_r: 148.4 | step: 188 | pose\_error: 0.0072 | orient\_error: 0.0120

Ep: 1404 | done | Collision: 0 | ep\_r: 145.8 | step: 265 | pose\_error: 0.0046 | orient\_error: 0.0085

Ep: 1405 | done | Collision: 1 | ep\_r: 81.0 | step: 151 | pose\_error: 0.0054 | orient\_error: 0.0103

Ep: 1406 | done | Collision: 0 | ep\_r: 90.4 | step: 164 | pose\_error: 0.0046 | orient\_error: 0.0115

Ep: 1407 | done | Collision: 1 | ep\_r: 77.0 | step: 132 | pose\_error: 0.0034 | orient\_error: 0.0080

Ep: 1408 | done | Collision: 0 | ep\_r: 229.7 | step: 275 | pose\_error: 0.0027 | orient\_error: 0.0115

Ep: 1409 | done | Collision: 1 | ep\_r: 260.8 | step: 269 | pose\_error: 0.0065 | orient\_error: 0.0109

Ep: 1410 | done | Collision: 0 | ep\_r: 87.6 | step: 153 | pose\_error: 0.0069 | orient\_error: 0.0106

Ep: 1411 | --- | Collision: 0 | ep\_r: 173.6 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0098

Ep: 1412 | done | Collision: 0 | ep\_r: 84.7 | step: 150 | pose\_error: 0.0015 | orient\_error: 0.0109

Ep: 1413 | --- | Collision: 1 | ep\_r: 230.5 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0062

Ep: 1414 | done | Collision: 0 | ep\_r: 87.4 | step: 173 | pose\_error: 0.0046 | orient\_error: 0.0118

Ep: 1415 | done | Collision: 0 | ep\_r: 89.8 | step: 180 | pose\_error: 0.0038 | orient\_error: 0.0090

Ep: 1416 | done | Collision: 0 | ep\_r: 79.7 | step: 137 | pose\_error: 0.0039 | orient\_error: 0.0063

Ep: 1417 | done | Collision: 1 | ep\_r: 73.1 | step: 171 | pose\_error: 0.0069 | orient\_error: 0.0105

Ep: 1418 | done | Collision: 0 | ep\_r: 87.7 | step: 144 | pose\_error: 0.0048 | orient\_error: 0.0077

Ep: 1419 | done | Collision: 0 | ep\_r: 94.2 | step: 163 | pose\_error: 0.0065 | orient\_error: 0.0204

Ep: 1420 | done | Collision: 0 | ep\_r: 77.6 | step: 179 | pose\_error: 0.0050 | orient\_error: 0.0057

Ep: 1421 | done | Collision: 0 | ep\_r: 190.9 | step: 226 | pose\_error: 0.0045 | orient\_error: 0.0134

Ep: 1422 | done | Collision: 1 | ep\_r: 235.1 | step: 263 | pose\_error: 0.0052 | orient\_error: 0.0161

Ep: 1423 | done | Collision: 0 | ep\_r: 76.5 | step: 134 | pose\_error: 0.0040 | orient\_error: 0.0267

Ep: 1424 | done | Collision: 1 | ep\_r: 68.4 | step: 169 | pose\_error: 0.0032 | orient\_error: 0.0135

Ep: 1425 | done | Collision: 0 | ep\_r: 86.9 | step: 156 | pose\_error: 0.0019 | orient\_error: 0.0130

Ep: 1426 | done | Collision: 0 | ep\_r: 88.5 | step: 146 | pose\_error: 0.0023 | orient\_error: 0.0076

Ep: 1427 | done | Collision: 0 | ep\_r: 106.8 | step: 200 | pose\_error: 0.0041 | orient\_error: 0.0069

Ep: 1428 | --- | Collision: 0 | ep\_r: 229.0 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0120

Ep: 1429 | --- | Collision: 0 | ep\_r: 194.7 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0185

Ep: 1430 | done | Collision: 0 | ep\_r: 210.4 | step: 232 | pose\_error: 0.0037 | orient\_error: 0.0070

Ep: 1431 | --- | Collision: 0 | ep\_r: 249.6 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0068

Ep: 1432 | done | Collision: 0 | ep\_r: 85.7 | step: 135 | pose\_error: 0.0064 | orient\_error: 0.0131

Ep: 1433 | done | Collision: 1 | ep\_r: 83.2 | step: 174 | pose\_error: 0.0037 | orient\_error: 0.0134

Ep: 1434 | done | Collision: 0 | ep\_r: 106.8 | step: 198 | pose\_error: 0.0068 | orient\_error: 0.0211

Ep: 1435 | done | Collision: 1 | ep\_r: 78.0 | step: 147 | pose\_error: 0.0061 | orient\_error: 0.0133

Ep: 1436 | done | Collision: 1 | ep\_r: 90.7 | step: 178 | pose\_error: 0.0066 | orient\_error: 0.0099

Ep: 1437 | done | Collision: 0 | ep\_r: 80.0 | step: 149 | pose\_error: 0.0036 | orient\_error: 0.0034

Ep: 1438 | done | Collision: 0 | ep\_r: 87.7 | step: 129 | pose\_error: 0.0048 | orient\_error: 0.0167

Ep: 1439 | done | Collision: 0 | ep\_r: 118.1 | step: 182 | pose\_error: 0.0061 | orient\_error: 0.0031

Ep: 1440 | done | Collision: 0 | ep\_r: 135.6 | step: 200 | pose\_error: 0.0074 | orient\_error: 0.0106

Ep: 1441 | --- | Collision: 0 | ep\_r: 269.6 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0086

Ep: 1442 | done | Collision: 0 | ep\_r: 81.7 | step: 163 | pose\_error: 0.0072 | orient\_error: 0.0175

Ep: 1443 | done | Collision: 0 | ep\_r: 83.5 | step: 154 | pose\_error: 0.0031 | orient\_error: 0.0050

Ep: 1444 | done | Collision: 0 | ep\_r: 135.3 | step: 166 | pose\_error: 0.0050 | orient\_error: 0.0088

Ep: 1445 | done | Collision: 0 | ep\_r: 111.4 | step: 174 | pose\_error: 0.0055 | orient\_error: 0.0109

Ep: 1446 | done | Collision: 0 | ep\_r: 87.4 | step: 148 | pose\_error: 0.0053 | orient\_error: 0.0158

Ep: 1447 | --- | Collision: 0 | ep\_r: 242.2 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0249

Ep: 1448 | done | Collision: 0 | ep\_r: 86.0 | step: 157 | pose\_error: 0.0065 | orient\_error: 0.0086

Ep: 1449 | done | Collision: 0 | ep\_r: 84.9 | step: 153 | pose\_error: 0.0054 | orient\_error: 0.0077

Ep: 1450 | --- | Collision: 0 | ep\_r: 251.9 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0088

Ep: 1451 | done | Collision: 0 | ep\_r: 80.6 | step: 147 | pose\_error: 0.0044 | orient\_error: 0.0119

Ep: 1452 | done | Collision: 0 | ep\_r: 135.9 | step: 180 | pose\_error: 0.0072 | orient\_error: 0.0065

Ep: 1453 | done | Collision: 0 | ep\_r: 148.8 | step: 192 | pose\_error: 0.0061 | orient\_error: 0.0206

Ep: 1454 | done | Collision: 0 | ep\_r: 132.9 | step: 171 | pose\_error: 0.0044 | orient\_error: 0.0143

Ep: 1455 | done | Collision: 0 | ep\_r: 80.8 | step: 201 | pose\_error: 0.0030 | orient\_error: 0.0076

Ep: 1456 | --- | Collision: 0 | ep\_r: 221.1 | step: 300 | pose\_error: 0.0066 | orient\_error: 0.0085

Ep: 1457 | --- | Collision: 0 | ep\_r: 222.2 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0032

Ep: 1458 | done | Collision: 0 | ep\_r: 99.9 | step: 195 | pose\_error: 0.0065 | orient\_error: 0.0170

Ep: 1459 | done | Collision: 0 | ep\_r: 248.1 | step: 282 | pose\_error: 0.0035 | orient\_error: 0.0181

Ep: 1460 | done | Collision: 0 | ep\_r: 86.7 | step: 139 | pose\_error: 0.0075 | orient\_error: 0.0110

Ep: 1461 | done | Collision: 0 | ep\_r: 84.4 | step: 146 | pose\_error: 0.0063 | orient\_error: 0.0096

Ep: 1462 | done | Collision: 0 | ep\_r: 79.2 | step: 138 | pose\_error: 0.0026 | orient\_error: 0.0179

Ep: 1463 | done | Collision: 0 | ep\_r: 83.0 | step: 150 | pose\_error: 0.0051 | orient\_error: 0.0100

Ep: 1464 | --- | Collision: 0 | ep\_r: 267.4 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0103

Ep: 1465 | done | Collision: 0 | ep\_r: 150.6 | step: 178 | pose\_error: 0.0047 | orient\_error: 0.0149

Ep: 1466 | done | Collision: 0 | ep\_r: 255.9 | step: 270 | pose\_error: 0.0038 | orient\_error: 0.0114

Ep: 1467 | done | Collision: 0 | ep\_r: 88.1 | step: 145 | pose\_error: 0.0061 | orient\_error: 0.0029

Ep: 1468 | done | Collision: 0 | ep\_r: 96.4 | step: 169 | pose\_error: 0.0040 | orient\_error: 0.0026

Ep: 1469 | --- | Collision: 0 | ep\_r: 276.0 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0038

Ep: 1470 | done | Collision: 0 | ep\_r: 212.9 | step: 273 | pose\_error: 0.0042 | orient\_error: 0.0072

Ep: 1471 | done | Collision: 0 | ep\_r: 92.1 | step: 179 | pose\_error: 0.0021 | orient\_error: 0.0101

Ep: 1472 | done | Collision: 0 | ep\_r: 88.5 | step: 144 | pose\_error: 0.0076 | orient\_error: 0.0135

Ep: 1473 | done | Collision: 0 | ep\_r: 157.9 | step: 205 | pose\_error: 0.0061 | orient\_error: 0.0176

Ep: 1474 | --- | Collision: 0 | ep\_r: 244.2 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0020

Ep: 1475 | done | Collision: 0 | ep\_r: 83.6 | step: 144 | pose\_error: 0.0071 | orient\_error: 0.0143

Ep: 1476 | --- | Collision: 0 | ep\_r: 239.0 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0072

Ep: 1477 | done | Collision: 0 | ep\_r: 123.7 | step: 205 | pose\_error: 0.0077 | orient\_error: 0.0230

Ep: 1478 | done | Collision: 0 | ep\_r: 122.0 | step: 174 | pose\_error: 0.0076 | orient\_error: 0.0123

Ep: 1479 | done | Collision: 0 | ep\_r: 88.4 | step: 154 | pose\_error: 0.0054 | orient\_error: 0.0096

Ep: 1480 | done | Collision: 0 | ep\_r: 96.0 | step: 182 | pose\_error: 0.0043 | orient\_error: 0.0068

Ep: 1481 | --- | Collision: 0 | ep\_r: 228.0 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0123

Ep: 1482 | done | Collision: 0 | ep\_r: 123.9 | step: 193 | pose\_error: 0.0046 | orient\_error: 0.0093

Ep: 1483 | done | Collision: 0 | ep\_r: 89.6 | step: 162 | pose\_error: 0.0042 | orient\_error: 0.0126

Ep: 1484 | --- | Collision: 0 | ep\_r: 233.6 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0157

Ep: 1485 | done | Collision: 0 | ep\_r: 151.6 | step: 216 | pose\_error: 0.0061 | orient\_error: 0.0081

Ep: 1486 | done | Collision: 0 | ep\_r: 84.5 | step: 165 | pose\_error: 0.0038 | orient\_error: 0.0114

Ep: 1487 | done | Collision: 0 | ep\_r: 86.3 | step: 142 | pose\_error: 0.0062 | orient\_error: 0.0077

Ep: 1488 | done | Collision: 0 | ep\_r: 164.5 | step: 226 | pose\_error: 0.0087 | orient\_error: 0.0040

Ep: 1489 | done | Collision: 0 | ep\_r: 86.7 | step: 151 | pose\_error: 0.0052 | orient\_error: 0.0088

Ep: 1490 | done | Collision: 0 | ep\_r: 86.3 | step: 155 | pose\_error: 0.0068 | orient\_error: 0.0204

Ep: 1491 | done | Collision: 0 | ep\_r: 205.3 | step: 266 | pose\_error: 0.0034 | orient\_error: 0.0096

Ep: 1492 | done | Collision: 1 | ep\_r: 101.9 | step: 184 | pose\_error: 0.0056 | orient\_error: 0.0159

Ep: 1493 | done | Collision: 0 | ep\_r: 96.4 | step: 176 | pose\_error: 0.0071 | orient\_error: 0.0093

Ep: 1494 | done | Collision: 0 | ep\_r: 92.2 | step: 163 | pose\_error: 0.0052 | orient\_error: 0.0086

Ep: 1495 | done | Collision: 0 | ep\_r: 144.9 | step: 203 | pose\_error: 0.0060 | orient\_error: 0.0121

Ep: 1496 | done | Collision: 0 | ep\_r: 220.8 | step: 286 | pose\_error: 0.0025 | orient\_error: 0.0136

Ep: 1497 | done | Collision: 0 | ep\_r: 83.3 | step: 155 | pose\_error: 0.0050 | orient\_error: 0.0066

Ep: 1498 | done | Collision: 0 | ep\_r: 167.3 | step: 220 | pose\_error: 0.0056 | orient\_error: 0.0070

Ep: 1499 | done | Collision: 0 | ep\_r: 107.1 | step: 196 | pose\_error: 0.0029 | orient\_error: 0.0143

Ep: 1500 | done | Collision: 0 | ep\_r: 90.4 | step: 157 | pose\_error: 0.0036 | orient\_error: 0.0195