Ep: 1 | --- | Collision: 1 | ep\_r: -225.4 | step: 300 | pose\_error: 0.2299 | orient\_error: 0.6068

Ep: 2 | --- | Collision: 0 | ep\_r: -199.4 | step: 300 | pose\_error: 0.3956 | orient\_error: 0.6333

Ep: 3 | --- | Collision: 0 | ep\_r: -196.2 | step: 300 | pose\_error: 0.4046 | orient\_error: 0.2669

Ep: 4 | --- | Collision: 1 | ep\_r: -128.6 | step: 300 | pose\_error: 0.1299 | orient\_error: 0.3604

Ep: 5 | --- | Collision: 0 | ep\_r: -122.6 | step: 300 | pose\_error: 0.1888 | orient\_error: 0.2548

Ep: 6 | --- | Collision: 1 | ep\_r: -163.4 | step: 300 | pose\_error: 0.2384 | orient\_error: 0.4148

Ep: 7 | --- | Collision: 1 | ep\_r: -107.7 | step: 300 | pose\_error: 0.1481 | orient\_error: 0.6190

Ep: 8 | --- | Collision: 0 | ep\_r: -149.9 | step: 300 | pose\_error: 0.3733 | orient\_error: 0.2855

Ep: 9 | --- | Collision: 0 | ep\_r: -113.4 | step: 300 | pose\_error: 0.2954 | orient\_error: 0.1873

Ep: 10 | --- | Collision: 1 | ep\_r: -158.0 | step: 300 | pose\_error: 0.1202 | orient\_error: 0.4544

Ep: 11 | --- | Collision: 1 | ep\_r: -193.9 | step: 300 | pose\_error: 0.1121 | orient\_error: 0.6057

Ep: 12 | --- | Collision: 0 | ep\_r: -133.9 | step: 300 | pose\_error: 0.3454 | orient\_error: 0.5150

Ep: 13 | --- | Collision: 1 | ep\_r: -153.2 | step: 300 | pose\_error: 0.2135 | orient\_error: 0.2172

Ep: 14 | --- | Collision: 1 | ep\_r: -185.3 | step: 300 | pose\_error: 0.2601 | orient\_error: 0.6430

Ep: 15 | --- | Collision: 1 | ep\_r: -158.6 | step: 300 | pose\_error: 0.1842 | orient\_error: 0.2073

Ep: 16 | --- | Collision: 1 | ep\_r: -102.9 | step: 300 | pose\_error: 0.1815 | orient\_error: 0.2374

Ep: 17 | --- | Collision: 1 | ep\_r: -73.9 | step: 300 | pose\_error: 0.1655 | orient\_error: 0.2298

Ep: 18 | --- | Collision: 1 | ep\_r: -180.5 | step: 300 | pose\_error: 0.2197 | orient\_error: 0.4460

Ep: 19 | --- | Collision: 0 | ep\_r: -100.9 | step: 300 | pose\_error: 0.3537 | orient\_error: 0.4525

Ep: 20 | --- | Collision: 0 | ep\_r: -114.3 | step: 300 | pose\_error: 0.3261 | orient\_error: 0.2599

Ep: 21 | --- | Collision: 0 | ep\_r: -114.6 | step: 300 | pose\_error: 0.2075 | orient\_error: 0.4327

Ep: 22 | --- | Collision: 0 | ep\_r: -122.1 | step: 300 | pose\_error: 0.2402 | orient\_error: 0.1940

Ep: 23 | --- | Collision: 0 | ep\_r: -105.9 | step: 300 | pose\_error: 0.3974 | orient\_error: 0.3682

Ep: 24 | --- | Collision: 0 | ep\_r: -88.9 | step: 300 | pose\_error: 0.3589 | orient\_error: 0.1391

Ep: 25 | --- | Collision: 0 | ep\_r: -70.7 | step: 300 | pose\_error: 0.2832 | orient\_error: 0.2465

Ep: 26 | --- | Collision: 1 | ep\_r: -131.5 | step: 300 | pose\_error: 0.1347 | orient\_error: 0.2409

Ep: 27 | --- | Collision: 1 | ep\_r: -147.9 | step: 300 | pose\_error: 0.1604 | orient\_error: 0.6301

Ep: 28 | --- | Collision: 0 | ep\_r: -114.0 | step: 300 | pose\_error: 0.2623 | orient\_error: 0.3895

Ep: 29 | --- | Collision: 1 | ep\_r: -136.5 | step: 300 | pose\_error: 0.2582 | orient\_error: 0.1529

Ep: 30 | --- | Collision: 0 | ep\_r: -90.9 | step: 300 | pose\_error: 0.2554 | orient\_error: 0.3475

Ep: 31 | --- | Collision: 1 | ep\_r: -216.9 | step: 300 | pose\_error: 0.1153 | orient\_error: 0.4815

Ep: 32 | --- | Collision: 0 | ep\_r: -60.7 | step: 300 | pose\_error: 0.1868 | orient\_error: 0.3143

Ep: 33 | --- | Collision: 0 | ep\_r: -101.3 | step: 300 | pose\_error: 0.2397 | orient\_error: 0.2105

Ep: 34 | --- | Collision: 0 | ep\_r: -97.2 | step: 300 | pose\_error: 0.2224 | orient\_error: 0.1694

Ep: 35 | --- | Collision: 1 | ep\_r: -77.2 | step: 300 | pose\_error: 0.1883 | orient\_error: 0.2476

Ep: 36 | --- | Collision: 0 | ep\_r: -115.3 | step: 300 | pose\_error: 0.2487 | orient\_error: 0.1763

Ep: 37 | --- | Collision: 0 | ep\_r: -102.3 | step: 300 | pose\_error: 0.2434 | orient\_error: 0.2142

Ep: 38 | --- | Collision: 0 | ep\_r: -133.0 | step: 300 | pose\_error: 0.2526 | orient\_error: 0.2512

Ep: 39 | --- | Collision: 0 | ep\_r: -90.5 | step: 300 | pose\_error: 0.2117 | orient\_error: 0.4542

Ep: 40 | --- | Collision: 1 | ep\_r: -119.1 | step: 300 | pose\_error: 0.1933 | orient\_error: 0.5892

Ep: 41 | --- | Collision: 0 | ep\_r: -120.5 | step: 300 | pose\_error: 0.2131 | orient\_error: 0.6040

Ep: 42 | --- | Collision: 1 | ep\_r: -99.0 | step: 300 | pose\_error: 0.2221 | orient\_error: 0.4753

Ep: 43 | --- | Collision: 0 | ep\_r: -78.9 | step: 300 | pose\_error: 0.2315 | orient\_error: 0.1552

Ep: 44 | --- | Collision: 0 | ep\_r: -110.2 | step: 300 | pose\_error: 0.3345 | orient\_error: 0.2401

Ep: 45 | --- | Collision: 1 | ep\_r: -107.5 | step: 300 | pose\_error: 0.2097 | orient\_error: 0.4295

Ep: 46 | --- | Collision: 1 | ep\_r: -88.5 | step: 300 | pose\_error: 0.2012 | orient\_error: 0.0941

Ep: 47 | --- | Collision: 0 | ep\_r: -52.9 | step: 300 | pose\_error: 0.2314 | orient\_error: 0.1054

Ep: 48 | --- | Collision: 0 | ep\_r: -58.2 | step: 300 | pose\_error: 0.2851 | orient\_error: 0.2416

Ep: 49 | --- | Collision: 1 | ep\_r: -127.9 | step: 300 | pose\_error: 0.1687 | orient\_error: 0.3484

Ep: 50 | --- | Collision: 0 | ep\_r: -41.1 | step: 300 | pose\_error: 0.2131 | orient\_error: 0.1139

Ep: 51 | --- | Collision: 0 | ep\_r: -39.7 | step: 300 | pose\_error: 0.1904 | orient\_error: 0.1191

Ep: 52 | --- | Collision: 0 | ep\_r: -21.6 | step: 300 | pose\_error: 0.1858 | orient\_error: 0.0989

Ep: 53 | --- | Collision: 0 | ep\_r: -27.3 | step: 300 | pose\_error: 0.2241 | orient\_error: 0.1703

Ep: 54 | --- | Collision: 0 | ep\_r: -38.8 | step: 300 | pose\_error: 0.1728 | orient\_error: 0.0815

Ep: 55 | --- | Collision: 0 | ep\_r: -40.1 | step: 300 | pose\_error: 0.2516 | orient\_error: 0.0461

Ep: 56 | --- | Collision: 0 | ep\_r: -21.0 | step: 300 | pose\_error: 0.2071 | orient\_error: 0.1184

Ep: 57 | --- | Collision: 0 | ep\_r: -29.5 | step: 300 | pose\_error: 0.1829 | orient\_error: 0.0150

Ep: 58 | --- | Collision: 1 | ep\_r: -56.5 | step: 300 | pose\_error: 0.2289 | orient\_error: 0.1228

Ep: 59 | --- | Collision: 0 | ep\_r: -60.0 | step: 300 | pose\_error: 0.1147 | orient\_error: 0.1143

Ep: 60 | --- | Collision: 0 | ep\_r: -40.3 | step: 300 | pose\_error: 0.1480 | orient\_error: 0.1620

Ep: 61 | --- | Collision: 1 | ep\_r: -163.3 | step: 300 | pose\_error: 0.3600 | orient\_error: 0.2070

Ep: 62 | --- | Collision: 1 | ep\_r: -150.3 | step: 300 | pose\_error: 0.3189 | orient\_error: 0.2305

Ep: 63 | --- | Collision: 0 | ep\_r: -108.5 | step: 300 | pose\_error: 0.2857 | orient\_error: 0.4568

Ep: 64 | --- | Collision: 0 | ep\_r: -47.5 | step: 300 | pose\_error: 0.2572 | orient\_error: 0.0857

Ep: 65 | --- | Collision: 0 | ep\_r: -42.0 | step: 300 | pose\_error: 0.2442 | orient\_error: 0.0399

Ep: 66 | --- | Collision: 0 | ep\_r: -37.8 | step: 300 | pose\_error: 0.2544 | orient\_error: 0.0378

Ep: 67 | --- | Collision: 0 | ep\_r: -31.2 | step: 300 | pose\_error: 0.1988 | orient\_error: 0.0473

Ep: 68 | --- | Collision: 1 | ep\_r: -110.6 | step: 300 | pose\_error: 0.2988 | orient\_error: 0.1411

Ep: 69 | --- | Collision: 1 | ep\_r: -89.0 | step: 300 | pose\_error: 0.2715 | orient\_error: 0.2899

Ep: 70 | --- | Collision: 1 | ep\_r: -160.7 | step: 300 | pose\_error: 0.2875 | orient\_error: 0.4395

Ep: 71 | --- | Collision: 0 | ep\_r: -34.6 | step: 300 | pose\_error: 0.1489 | orient\_error: 0.0604

Ep: 72 | --- | Collision: 0 | ep\_r: -27.9 | step: 300 | pose\_error: 0.1758 | orient\_error: 0.0487

Ep: 73 | --- | Collision: 0 | ep\_r: -28.7 | step: 300 | pose\_error: 0.1425 | orient\_error: 0.1136

Ep: 74 | --- | Collision: 0 | ep\_r: -30.6 | step: 300 | pose\_error: 0.1317 | orient\_error: 0.0509

Ep: 75 | --- | Collision: 0 | ep\_r: -24.4 | step: 300 | pose\_error: 0.1810 | orient\_error: 0.1070

Ep: 76 | --- | Collision: 0 | ep\_r: -106.1 | step: 300 | pose\_error: 0.3080 | orient\_error: 0.0714

Ep: 77 | --- | Collision: 0 | ep\_r: -63.8 | step: 300 | pose\_error: 0.3114 | orient\_error: 0.3169

Ep: 78 | --- | Collision: 1 | ep\_r: -66.0 | step: 300 | pose\_error: 0.1174 | orient\_error: 0.2139

Ep: 79 | --- | Collision: 0 | ep\_r: -24.2 | step: 300 | pose\_error: 0.1209 | orient\_error: 0.1274

Ep: 80 | --- | Collision: 0 | ep\_r: -22.2 | step: 300 | pose\_error: 0.1579 | orient\_error: 0.1005

Ep: 81 | --- | Collision: 0 | ep\_r: -45.7 | step: 300 | pose\_error: 0.1450 | orient\_error: 0.1862

Ep: 82 | --- | Collision: 0 | ep\_r: -33.4 | step: 300 | pose\_error: 0.1894 | orient\_error: 0.0694

Ep: 83 | --- | Collision: 0 | ep\_r: -25.4 | step: 300 | pose\_error: 0.1824 | orient\_error: 0.0783

Ep: 84 | --- | Collision: 0 | ep\_r: -24.6 | step: 300 | pose\_error: 0.1113 | orient\_error: 0.1327

Ep: 85 | --- | Collision: 0 | ep\_r: -26.2 | step: 300 | pose\_error: 0.2234 | orient\_error: 0.0809

Ep: 86 | --- | Collision: 1 | ep\_r: -56.2 | step: 300 | pose\_error: 0.1481 | orient\_error: 0.0594

Ep: 87 | --- | Collision: 1 | ep\_r: -96.3 | step: 300 | pose\_error: 0.2064 | orient\_error: 0.1679

Ep: 88 | --- | Collision: 0 | ep\_r: -32.9 | step: 300 | pose\_error: 0.1460 | orient\_error: 0.1865

Ep: 89 | --- | Collision: 1 | ep\_r: -107.7 | step: 300 | pose\_error: 0.2278 | orient\_error: 0.3329

Ep: 90 | --- | Collision: 0 | ep\_r: -40.5 | step: 300 | pose\_error: 0.1800 | orient\_error: 0.1293

Ep: 91 | --- | Collision: 0 | ep\_r: -42.7 | step: 300 | pose\_error: 0.1210 | orient\_error: 0.1941

Ep: 92 | --- | Collision: 0 | ep\_r: -57.8 | step: 300 | pose\_error: 0.2797 | orient\_error: 0.0531

Ep: 93 | --- | Collision: 0 | ep\_r: -33.8 | step: 300 | pose\_error: 0.1922 | orient\_error: 0.0432

Ep: 94 | --- | Collision: 0 | ep\_r: -79.0 | step: 300 | pose\_error: 0.2654 | orient\_error: 0.1400

Ep: 95 | --- | Collision: 0 | ep\_r: -87.5 | step: 300 | pose\_error: 0.2316 | orient\_error: 0.1776

Ep: 96 | --- | Collision: 0 | ep\_r: -31.8 | step: 300 | pose\_error: 0.1884 | orient\_error: 0.0702

Ep: 97 | --- | Collision: 0 | ep\_r: -36.2 | step: 300 | pose\_error: 0.2146 | orient\_error: 0.0736

Ep: 98 | --- | Collision: 0 | ep\_r: -53.7 | step: 300 | pose\_error: 0.1897 | orient\_error: 0.1831

Ep: 99 | --- | Collision: 0 | ep\_r: -43.4 | step: 300 | pose\_error: 0.2198 | orient\_error: 0.1672

Ep: 100 | --- | Collision: 0 | ep\_r: -39.8 | step: 300 | pose\_error: 0.2545 | orient\_error: 0.0657

Ep: 101 | --- | Collision: 0 | ep\_r: -31.9 | step: 300 | pose\_error: 0.1972 | orient\_error: 0.0801

Ep: 102 | --- | Collision: 1 | ep\_r: -116.8 | step: 300 | pose\_error: 0.2002 | orient\_error: 0.2789

Ep: 103 | --- | Collision: 1 | ep\_r: -79.8 | step: 300 | pose\_error: 0.0663 | orient\_error: 0.1385

Ep: 104 | --- | Collision: 1 | ep\_r: -142.5 | step: 300 | pose\_error: 0.1676 | orient\_error: 0.2732

Ep: 105 | --- | Collision: 1 | ep\_r: -110.0 | step: 300 | pose\_error: 0.0630 | orient\_error: 0.1876

Ep: 106 | --- | Collision: 1 | ep\_r: -14.4 | step: 300 | pose\_error: 0.1148 | orient\_error: 0.0700

Ep: 107 | --- | Collision: 0 | ep\_r: -53.4 | step: 300 | pose\_error: 0.1931 | orient\_error: 0.1998

Ep: 108 | --- | Collision: 0 | ep\_r: -90.1 | step: 300 | pose\_error: 0.2412 | orient\_error: 0.2285

Ep: 109 | --- | Collision: 0 | ep\_r: -30.2 | step: 300 | pose\_error: 0.2700 | orient\_error: 0.0562

Ep: 110 | --- | Collision: 0 | ep\_r: -36.2 | step: 300 | pose\_error: 0.2545 | orient\_error: 0.0493

Ep: 111 | --- | Collision: 0 | ep\_r: -73.0 | step: 300 | pose\_error: 0.2941 | orient\_error: 0.6535

Ep: 112 | --- | Collision: 0 | ep\_r: -110.4 | step: 300 | pose\_error: 0.3207 | orient\_error: 0.6289

Ep: 113 | --- | Collision: 0 | ep\_r: -60.1 | step: 300 | pose\_error: 0.1829 | orient\_error: 0.2032

Ep: 114 | --- | Collision: 0 | ep\_r: -35.5 | step: 300 | pose\_error: 0.2375 | orient\_error: 0.1908

Ep: 115 | --- | Collision: 0 | ep\_r: -35.3 | step: 300 | pose\_error: 0.1847 | orient\_error: 0.0331

Ep: 116 | --- | Collision: 0 | ep\_r: -21.4 | step: 300 | pose\_error: 0.1830 | orient\_error: 0.0504

Ep: 117 | --- | Collision: 0 | ep\_r: -50.3 | step: 300 | pose\_error: 0.1914 | orient\_error: 0.1388

Ep: 118 | --- | Collision: 0 | ep\_r: -28.8 | step: 300 | pose\_error: 0.1819 | orient\_error: 0.0350

Ep: 119 | --- | Collision: 0 | ep\_r: -13.6 | step: 300 | pose\_error: 0.1118 | orient\_error: 0.0457

Ep: 120 | --- | Collision: 0 | ep\_r: -1.1 | step: 300 | pose\_error: 0.1248 | orient\_error: 0.0316

Ep: 121 | --- | Collision: 0 | ep\_r: -0.7 | step: 300 | pose\_error: 0.1536 | orient\_error: 0.0667

Ep: 122 | --- | Collision: 0 | ep\_r: -27.3 | step: 300 | pose\_error: 0.1616 | orient\_error: 0.1005

Ep: 123 | --- | Collision: 0 | ep\_r: -49.0 | step: 300 | pose\_error: 0.1844 | orient\_error: 0.1676

Ep: 124 | --- | Collision: 0 | ep\_r: -6.6 | step: 300 | pose\_error: 0.1268 | orient\_error: 0.0239

Ep: 125 | --- | Collision: 0 | ep\_r: 6.9 | step: 300 | pose\_error: 0.1151 | orient\_error: 0.0447

Ep: 126 | --- | Collision: 0 | ep\_r: -12.5 | step: 300 | pose\_error: 0.1190 | orient\_error: 0.0601

Ep: 127 | --- | Collision: 0 | ep\_r: -23.8 | step: 300 | pose\_error: 0.1669 | orient\_error: 0.0336

Ep: 128 | --- | Collision: 1 | ep\_r: -53.7 | step: 300 | pose\_error: 0.1263 | orient\_error: 0.0355

Ep: 129 | --- | Collision: 0 | ep\_r: -4.3 | step: 300 | pose\_error: 0.1232 | orient\_error: 0.0519

Ep: 130 | --- | Collision: 0 | ep\_r: -12.8 | step: 300 | pose\_error: 0.1513 | orient\_error: 0.1133

Ep: 131 | --- | Collision: 0 | ep\_r: -10.7 | step: 300 | pose\_error: 0.1434 | orient\_error: 0.0544

Ep: 132 | --- | Collision: 0 | ep\_r: -16.5 | step: 300 | pose\_error: 0.1196 | orient\_error: 0.0700

Ep: 133 | --- | Collision: 0 | ep\_r: 3.8 | step: 300 | pose\_error: 0.1229 | orient\_error: 0.0377

Ep: 134 | --- | Collision: 1 | ep\_r: -108.1 | step: 300 | pose\_error: 0.1259 | orient\_error: 0.0717

Ep: 135 | --- | Collision: 1 | ep\_r: -14.1 | step: 300 | pose\_error: 0.1241 | orient\_error: 0.1155

Ep: 136 | --- | Collision: 0 | ep\_r: -25.8 | step: 300 | pose\_error: 0.1216 | orient\_error: 0.1318

Ep: 137 | --- | Collision: 0 | ep\_r: -12.8 | step: 300 | pose\_error: 0.1200 | orient\_error: 0.1469

Ep: 138 | --- | Collision: 0 | ep\_r: -21.7 | step: 300 | pose\_error: 0.1181 | orient\_error: 0.0598

Ep: 139 | --- | Collision: 0 | ep\_r: -2.1 | step: 300 | pose\_error: 0.1480 | orient\_error: 0.0952

Ep: 140 | --- | Collision: 0 | ep\_r: 5.2 | step: 300 | pose\_error: 0.1069 | orient\_error: 0.0521

Ep: 141 | --- | Collision: 0 | ep\_r: -5.3 | step: 300 | pose\_error: 0.1168 | orient\_error: 0.0979

Ep: 142 | --- | Collision: 0 | ep\_r: -8.1 | step: 300 | pose\_error: 0.0930 | orient\_error: 0.0423

Ep: 143 | --- | Collision: 0 | ep\_r: 1.5 | step: 300 | pose\_error: 0.1275 | orient\_error: 0.0770

Ep: 144 | --- | Collision: 0 | ep\_r: -14.0 | step: 300 | pose\_error: 0.2004 | orient\_error: 0.0705

Ep: 145 | --- | Collision: 1 | ep\_r: -18.7 | step: 300 | pose\_error: 0.1884 | orient\_error: 0.0709

Ep: 146 | --- | Collision: 0 | ep\_r: -26.9 | step: 300 | pose\_error: 0.2665 | orient\_error: 0.3434

Ep: 147 | --- | Collision: 0 | ep\_r: -92.4 | step: 300 | pose\_error: 0.3137 | orient\_error: 0.6332

Ep: 148 | --- | Collision: 0 | ep\_r: -31.0 | step: 300 | pose\_error: 0.2232 | orient\_error: 0.1922

Ep: 149 | --- | Collision: 0 | ep\_r: -68.8 | step: 300 | pose\_error: 0.3285 | orient\_error: 0.6272

Ep: 150 | --- | Collision: 0 | ep\_r: -35.1 | step: 300 | pose\_error: 0.1846 | orient\_error: 0.1135

Ep: 151 | --- | Collision: 1 | ep\_r: -81.7 | step: 300 | pose\_error: 0.2110 | orient\_error: 0.1373

Ep: 152 | --- | Collision: 0 | ep\_r: -24.7 | step: 300 | pose\_error: 0.2542 | orient\_error: 0.1608

Ep: 153 | --- | Collision: 0 | ep\_r: -42.1 | step: 300 | pose\_error: 0.2519 | orient\_error: 0.2369

Ep: 154 | --- | Collision: 0 | ep\_r: -24.5 | step: 300 | pose\_error: 0.2305 | orient\_error: 0.1721

Ep: 155 | --- | Collision: 0 | ep\_r: -42.5 | step: 300 | pose\_error: 0.2877 | orient\_error: 0.1832

Ep: 156 | --- | Collision: 0 | ep\_r: -17.1 | step: 300 | pose\_error: 0.2153 | orient\_error: 0.0818

Ep: 157 | --- | Collision: 0 | ep\_r: -18.0 | step: 300 | pose\_error: 0.2414 | orient\_error: 0.2023

Ep: 158 | --- | Collision: 0 | ep\_r: -9.2 | step: 300 | pose\_error: 0.2063 | orient\_error: 0.2321

Ep: 159 | --- | Collision: 0 | ep\_r: -17.3 | step: 300 | pose\_error: 0.1435 | orient\_error: 0.1893

Ep: 160 | --- | Collision: 0 | ep\_r: 13.9 | step: 300 | pose\_error: 0.0874 | orient\_error: 0.0770

Ep: 161 | --- | Collision: 1 | ep\_r: -5.9 | step: 300 | pose\_error: 0.1023 | orient\_error: 0.0661

Ep: 162 | --- | Collision: 1 | ep\_r: -41.3 | step: 300 | pose\_error: 0.1017 | orient\_error: 0.0747

Ep: 163 | --- | Collision: 1 | ep\_r: -23.5 | step: 300 | pose\_error: 0.1302 | orient\_error: 0.0988

Ep: 164 | --- | Collision: 1 | ep\_r: -33.5 | step: 300 | pose\_error: 0.0904 | orient\_error: 0.0755

Ep: 165 | --- | Collision: 1 | ep\_r: -24.4 | step: 300 | pose\_error: 0.2474 | orient\_error: 0.1267

Ep: 166 | --- | Collision: 1 | ep\_r: 4.5 | step: 300 | pose\_error: 0.0872 | orient\_error: 0.1118

Ep: 167 | --- | Collision: 1 | ep\_r: -60.4 | step: 300 | pose\_error: 0.2293 | orient\_error: 0.0355

Ep: 168 | --- | Collision: 1 | ep\_r: -17.8 | step: 300 | pose\_error: 0.0737 | orient\_error: 0.0659

Ep: 169 | --- | Collision: 0 | ep\_r: 4.5 | step: 300 | pose\_error: 0.1264 | orient\_error: 0.0760

Ep: 170 | --- | Collision: 0 | ep\_r: -14.6 | step: 300 | pose\_error: 0.1468 | orient\_error: 0.0996

Ep: 171 | --- | Collision: 1 | ep\_r: -52.8 | step: 300 | pose\_error: 0.2274 | orient\_error: 0.1114

Ep: 172 | --- | Collision: 0 | ep\_r: -12.4 | step: 300 | pose\_error: 0.0462 | orient\_error: 0.1132

Ep: 173 | --- | Collision: 0 | ep\_r: 24.3 | step: 300 | pose\_error: 0.0779 | orient\_error: 0.1382

Ep: 174 | --- | Collision: 0 | ep\_r: 11.6 | step: 300 | pose\_error: 0.0322 | orient\_error: 0.1276

Ep: 175 | --- | Collision: 0 | ep\_r: 17.2 | step: 300 | pose\_error: 0.0563 | orient\_error: 0.1501

Ep: 176 | --- | Collision: 0 | ep\_r: 23.5 | step: 300 | pose\_error: 0.0426 | orient\_error: 0.1314

Ep: 177 | --- | Collision: 0 | ep\_r: 30.0 | step: 300 | pose\_error: 0.0536 | orient\_error: 0.1088

Ep: 178 | --- | Collision: 1 | ep\_r: 11.7 | step: 300 | pose\_error: 0.0222 | orient\_error: 0.0803

Ep: 179 | --- | Collision: 0 | ep\_r: 25.9 | step: 300 | pose\_error: 0.0368 | orient\_error: 0.0925

Ep: 180 | --- | Collision: 1 | ep\_r: -57.4 | step: 300 | pose\_error: 0.1902 | orient\_error: 0.1880

Ep: 181 | --- | Collision: 1 | ep\_r: -80.4 | step: 300 | pose\_error: 0.2149 | orient\_error: 0.0962

Ep: 182 | --- | Collision: 1 | ep\_r: -7.7 | step: 300 | pose\_error: 0.0951 | orient\_error: 0.1336

Ep: 183 | --- | Collision: 1 | ep\_r: -61.3 | step: 300 | pose\_error: 0.1418 | orient\_error: 0.1446

Ep: 184 | --- | Collision: 0 | ep\_r: 11.4 | step: 300 | pose\_error: 0.1719 | orient\_error: 0.2042

Ep: 185 | --- | Collision: 0 | ep\_r: 18.5 | step: 300 | pose\_error: 0.1094 | orient\_error: 0.0711

Ep: 186 | --- | Collision: 1 | ep\_r: -32.7 | step: 300 | pose\_error: 0.1117 | orient\_error: 0.0359

Ep: 187 | --- | Collision: 1 | ep\_r: -117.3 | step: 300 | pose\_error: 0.1220 | orient\_error: 0.0936

Ep: 188 | --- | Collision: 0 | ep\_r: 4.6 | step: 300 | pose\_error: 0.0483 | orient\_error: 0.0879

Ep: 189 | --- | Collision: 0 | ep\_r: -2.8 | step: 300 | pose\_error: 0.0960 | orient\_error: 0.0774

Ep: 190 | --- | Collision: 0 | ep\_r: 1.9 | step: 300 | pose\_error: 0.0648 | orient\_error: 0.0859

Ep: 191 | --- | Collision: 0 | ep\_r: 6.7 | step: 300 | pose\_error: 0.0701 | orient\_error: 0.0893

Ep: 192 | --- | Collision: 1 | ep\_r: -4.9 | step: 300 | pose\_error: 0.0503 | orient\_error: 0.1553

Ep: 193 | --- | Collision: 0 | ep\_r: -0.0 | step: 300 | pose\_error: 0.0744 | orient\_error: 0.0807

Ep: 194 | --- | Collision: 0 | ep\_r: 19.9 | step: 300 | pose\_error: 0.0786 | orient\_error: 0.0442

Ep: 195 | --- | Collision: 1 | ep\_r: -26.4 | step: 300 | pose\_error: 0.0360 | orient\_error: 0.0642

Ep: 196 | --- | Collision: 0 | ep\_r: -8.1 | step: 300 | pose\_error: 0.1381 | orient\_error: 0.2496

Ep: 197 | --- | Collision: 1 | ep\_r: -25.8 | step: 300 | pose\_error: 0.1305 | orient\_error: 0.1310

Ep: 198 | --- | Collision: 1 | ep\_r: 15.4 | step: 300 | pose\_error: 0.0646 | orient\_error: 0.1316

Ep: 199 | --- | Collision: 1 | ep\_r: -37.6 | step: 300 | pose\_error: 0.1144 | orient\_error: 0.2068

Ep: 200 | --- | Collision: 0 | ep\_r: 11.0 | step: 300 | pose\_error: 0.0897 | orient\_error: 0.1346

Ep: 201 | --- | Collision: 1 | ep\_r: 23.8 | step: 300 | pose\_error: 0.0487 | orient\_error: 0.0790

Ep: 202 | --- | Collision: 0 | ep\_r: -19.6 | step: 300 | pose\_error: 0.0607 | orient\_error: 0.0996

Ep: 203 | --- | Collision: 1 | ep\_r: -31.1 | step: 300 | pose\_error: 0.2011 | orient\_error: 0.1884

Ep: 204 | --- | Collision: 1 | ep\_r: -21.2 | step: 300 | pose\_error: 0.0900 | orient\_error: 0.1444

Ep: 205 | --- | Collision: 1 | ep\_r: 12.2 | step: 300 | pose\_error: 0.0539 | orient\_error: 0.1404

Ep: 206 | --- | Collision: 0 | ep\_r: 35.9 | step: 300 | pose\_error: 0.0513 | orient\_error: 0.0902

Ep: 207 | --- | Collision: 0 | ep\_r: 27.3 | step: 300 | pose\_error: 0.0490 | orient\_error: 0.1339

Ep: 208 | --- | Collision: 1 | ep\_r: -66.1 | step: 300 | pose\_error: 0.1563 | orient\_error: 0.2477

Ep: 209 | --- | Collision: 1 | ep\_r: -29.8 | step: 300 | pose\_error: 0.1291 | orient\_error: 0.1251

Ep: 210 | --- | Collision: 1 | ep\_r: -35.9 | step: 300 | pose\_error: 0.0973 | orient\_error: 0.4109

Ep: 211 | --- | Collision: 1 | ep\_r: -98.3 | step: 300 | pose\_error: 0.3202 | orient\_error: 0.7626

Ep: 212 | --- | Collision: 1 | ep\_r: -133.4 | step: 300 | pose\_error: 0.2946 | orient\_error: 0.3400

Ep: 213 | --- | Collision: 0 | ep\_r: -3.4 | step: 300 | pose\_error: 0.1193 | orient\_error: 0.1945

Ep: 214 | --- | Collision: 1 | ep\_r: 17.1 | step: 300 | pose\_error: 0.0373 | orient\_error: 0.1678

Ep: 215 | --- | Collision: 1 | ep\_r: -104.6 | step: 300 | pose\_error: 0.1286 | orient\_error: 0.2816

Ep: 216 | --- | Collision: 0 | ep\_r: 16.3 | step: 300 | pose\_error: 0.0687 | orient\_error: 0.1396

Ep: 217 | --- | Collision: 0 | ep\_r: 29.7 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.1463

Ep: 218 | --- | Collision: 1 | ep\_r: 17.0 | step: 300 | pose\_error: 0.0775 | orient\_error: 0.0478

Ep: 219 | --- | Collision: 0 | ep\_r: 30.7 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.1274

Ep: 220 | --- | Collision: 1 | ep\_r: 0.7 | step: 300 | pose\_error: 0.0505 | orient\_error: 0.1089

Ep: 221 | --- | Collision: 0 | ep\_r: 11.8 | step: 300 | pose\_error: 0.0260 | orient\_error: 0.1766

Ep: 222 | --- | Collision: 0 | ep\_r: 4.7 | step: 300 | pose\_error: 0.0698 | orient\_error: 0.1418

Ep: 223 | --- | Collision: 1 | ep\_r: -55.7 | step: 300 | pose\_error: 0.1604 | orient\_error: 0.1261

Ep: 224 | --- | Collision: 0 | ep\_r: -12.3 | step: 300 | pose\_error: 0.0616 | orient\_error: 0.2601

Ep: 225 | --- | Collision: 1 | ep\_r: -6.0 | step: 300 | pose\_error: 0.1095 | orient\_error: 0.1572

Ep: 226 | --- | Collision: 0 | ep\_r: 0.5 | step: 300 | pose\_error: 0.0671 | orient\_error: 0.2181

Ep: 227 | --- | Collision: 1 | ep\_r: -40.7 | step: 300 | pose\_error: 0.1102 | orient\_error: 0.3498

Ep: 228 | --- | Collision: 1 | ep\_r: -17.2 | step: 300 | pose\_error: 0.0708 | orient\_error: 0.2282

Ep: 229 | --- | Collision: 1 | ep\_r: -54.4 | step: 300 | pose\_error: 0.1324 | orient\_error: 0.1527

Ep: 230 | --- | Collision: 0 | ep\_r: -27.5 | step: 300 | pose\_error: 0.0726 | orient\_error: 0.0766

Ep: 231 | --- | Collision: 0 | ep\_r: -50.6 | step: 300 | pose\_error: 0.1274 | orient\_error: 0.2927

Ep: 232 | --- | Collision: 1 | ep\_r: 1.1 | step: 300 | pose\_error: 0.0575 | orient\_error: 0.1700

Ep: 233 | --- | Collision: 0 | ep\_r: 15.1 | step: 300 | pose\_error: 0.0502 | orient\_error: 0.2475

Ep: 234 | --- | Collision: 0 | ep\_r: -125.9 | step: 300 | pose\_error: 0.1207 | orient\_error: 0.2679

Ep: 235 | --- | Collision: 0 | ep\_r: -106.9 | step: 300 | pose\_error: 0.1549 | orient\_error: 0.3231

Ep: 236 | --- | Collision: 1 | ep\_r: -156.1 | step: 300 | pose\_error: 0.0584 | orient\_error: 0.1880

Ep: 237 | --- | Collision: 1 | ep\_r: -76.0 | step: 300 | pose\_error: 0.0909 | orient\_error: 0.1043

Ep: 238 | --- | Collision: 0 | ep\_r: 6.9 | step: 300 | pose\_error: 0.0466 | orient\_error: 0.2240

Ep: 239 | --- | Collision: 0 | ep\_r: 2.7 | step: 300 | pose\_error: 0.0413 | orient\_error: 0.2224

Ep: 240 | --- | Collision: 0 | ep\_r: -20.3 | step: 300 | pose\_error: 0.1076 | orient\_error: 0.2951

Ep: 241 | --- | Collision: 0 | ep\_r: 8.8 | step: 300 | pose\_error: 0.0843 | orient\_error: 0.2122

Ep: 242 | --- | Collision: 0 | ep\_r: 12.4 | step: 300 | pose\_error: 0.0301 | orient\_error: 0.1618

Ep: 243 | --- | Collision: 0 | ep\_r: 14.5 | step: 300 | pose\_error: 0.0481 | orient\_error: 0.1379

Ep: 244 | --- | Collision: 0 | ep\_r: 36.2 | step: 300 | pose\_error: 0.0587 | orient\_error: 0.1487

Ep: 245 | --- | Collision: 0 | ep\_r: 19.5 | step: 300 | pose\_error: 0.0288 | orient\_error: 0.0848

Ep: 246 | --- | Collision: 1 | ep\_r: -133.7 | step: 300 | pose\_error: 0.3226 | orient\_error: 0.4821

Ep: 247 | --- | Collision: 1 | ep\_r: 28.8 | step: 300 | pose\_error: 0.0747 | orient\_error: 0.1169

Ep: 248 | --- | Collision: 0 | ep\_r: 34.1 | step: 300 | pose\_error: 0.0738 | orient\_error: 0.1306

Ep: 249 | --- | Collision: 0 | ep\_r: 43.3 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.1316

Ep: 250 | --- | Collision: 1 | ep\_r: 5.7 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.1246

Ep: 251 | --- | Collision: 1 | ep\_r: -122.8 | step: 300 | pose\_error: 0.1063 | orient\_error: 0.1363

Ep: 252 | --- | Collision: 1 | ep\_r: -34.0 | step: 300 | pose\_error: 0.0679 | orient\_error: 0.1399

Ep: 253 | --- | Collision: 1 | ep\_r: -59.2 | step: 300 | pose\_error: 0.1191 | orient\_error: 0.0358

Ep: 254 | --- | Collision: 1 | ep\_r: -2.2 | step: 300 | pose\_error: 0.0351 | orient\_error: 0.1103

Ep: 255 | --- | Collision: 0 | ep\_r: 22.3 | step: 300 | pose\_error: 0.0804 | orient\_error: 0.0917

Ep: 256 | --- | Collision: 0 | ep\_r: 35.1 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.1789

Ep: 257 | --- | Collision: 0 | ep\_r: 21.0 | step: 300 | pose\_error: 0.0577 | orient\_error: 0.1517

Ep: 258 | --- | Collision: 0 | ep\_r: 14.5 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.1074

Ep: 259 | --- | Collision: 0 | ep\_r: -0.5 | step: 300 | pose\_error: 0.0776 | orient\_error: 0.2455

Ep: 260 | --- | Collision: 0 | ep\_r: -164.4 | step: 300 | pose\_error: 0.2626 | orient\_error: 0.5085

Ep: 261 | --- | Collision: 0 | ep\_r: 47.3 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.0973

Ep: 262 | --- | Collision: 0 | ep\_r: -84.7 | step: 300 | pose\_error: 0.1149 | orient\_error: 0.0751

Ep: 263 | --- | Collision: 0 | ep\_r: 26.3 | step: 300 | pose\_error: 0.0436 | orient\_error: 0.1022

Ep: 264 | --- | Collision: 1 | ep\_r: -61.1 | step: 300 | pose\_error: 0.2008 | orient\_error: 0.2699

Ep: 265 | --- | Collision: 0 | ep\_r: 54.4 | step: 300 | pose\_error: 0.0373 | orient\_error: 0.1023

Ep: 266 | --- | Collision: 0 | ep\_r: 20.8 | step: 300 | pose\_error: 0.0520 | orient\_error: 0.1071

Ep: 267 | --- | Collision: 0 | ep\_r: 27.0 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.0790

Ep: 268 | --- | Collision: 0 | ep\_r: 43.1 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.1055

Ep: 269 | --- | Collision: 0 | ep\_r: 36.2 | step: 300 | pose\_error: 0.0237 | orient\_error: 0.0696

Ep: 270 | --- | Collision: 0 | ep\_r: 41.3 | step: 300 | pose\_error: 0.0722 | orient\_error: 0.1542

Ep: 271 | --- | Collision: 1 | ep\_r: 31.6 | step: 300 | pose\_error: 0.0346 | orient\_error: 0.1079

Ep: 272 | --- | Collision: 0 | ep\_r: -8.3 | step: 300 | pose\_error: 0.0608 | orient\_error: 0.0921

Ep: 273 | --- | Collision: 0 | ep\_r: -3.6 | step: 300 | pose\_error: 0.0428 | orient\_error: 0.0492

Ep: 274 | --- | Collision: 1 | ep\_r: -10.6 | step: 300 | pose\_error: 0.0410 | orient\_error: 0.2082

Ep: 275 | --- | Collision: 1 | ep\_r: -40.1 | step: 300 | pose\_error: 0.0412 | orient\_error: 0.0663

Ep: 276 | --- | Collision: 0 | ep\_r: 36.7 | step: 300 | pose\_error: 0.0467 | orient\_error: 0.0576

Ep: 277 | --- | Collision: 0 | ep\_r: 23.8 | step: 300 | pose\_error: 0.0395 | orient\_error: 0.1107

Ep: 278 | --- | Collision: 0 | ep\_r: 11.0 | step: 300 | pose\_error: 0.0681 | orient\_error: 0.1151

Ep: 279 | --- | Collision: 0 | ep\_r: 15.9 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.1296

Ep: 280 | --- | Collision: 1 | ep\_r: 15.8 | step: 300 | pose\_error: 0.0296 | orient\_error: 0.1429

Ep: 281 | --- | Collision: 0 | ep\_r: 40.6 | step: 300 | pose\_error: 0.0318 | orient\_error: 0.1606

Ep: 282 | --- | Collision: 0 | ep\_r: -7.9 | step: 300 | pose\_error: 0.0941 | orient\_error: 0.4059

Ep: 283 | --- | Collision: 0 | ep\_r: 20.0 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.0892

Ep: 284 | --- | Collision: 0 | ep\_r: 18.9 | step: 300 | pose\_error: 0.0398 | orient\_error: 0.1386

Ep: 285 | --- | Collision: 0 | ep\_r: -3.3 | step: 300 | pose\_error: 0.0225 | orient\_error: 0.1203

Ep: 286 | --- | Collision: 0 | ep\_r: 26.4 | step: 300 | pose\_error: 0.0253 | orient\_error: 0.1096

Ep: 287 | --- | Collision: 1 | ep\_r: 23.8 | step: 300 | pose\_error: 0.0443 | orient\_error: 0.0693

Ep: 288 | --- | Collision: 0 | ep\_r: 20.8 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.1466

Ep: 289 | --- | Collision: 0 | ep\_r: 29.4 | step: 300 | pose\_error: 0.0212 | orient\_error: 0.1044

Ep: 290 | --- | Collision: 0 | ep\_r: 42.9 | step: 300 | pose\_error: 0.1282 | orient\_error: 0.0929

Ep: 291 | --- | Collision: 1 | ep\_r: -52.0 | step: 300 | pose\_error: 0.1955 | orient\_error: 0.7166

Ep: 292 | --- | Collision: 1 | ep\_r: -89.5 | step: 300 | pose\_error: 0.1978 | orient\_error: 0.4467

Ep: 293 | --- | Collision: 0 | ep\_r: -32.3 | step: 300 | pose\_error: 0.1901 | orient\_error: 0.3039

Ep: 294 | --- | Collision: 0 | ep\_r: 36.8 | step: 300 | pose\_error: 0.0382 | orient\_error: 0.1082

Ep: 295 | --- | Collision: 0 | ep\_r: 19.6 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.1778

Ep: 296 | --- | Collision: 1 | ep\_r: -61.0 | step: 300 | pose\_error: 0.0648 | orient\_error: 0.3733

Ep: 297 | --- | Collision: 0 | ep\_r: -80.7 | step: 300 | pose\_error: 0.2122 | orient\_error: 0.3600

Ep: 298 | --- | Collision: 0 | ep\_r: 10.2 | step: 300 | pose\_error: 0.0267 | orient\_error: 0.0931

Ep: 299 | --- | Collision: 0 | ep\_r: 59.5 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0925

Ep: 300 | --- | Collision: 0 | ep\_r: -140.7 | step: 300 | pose\_error: 0.0941 | orient\_error: 0.2381

Ep: 301 | --- | Collision: 0 | ep\_r: 51.8 | step: 300 | pose\_error: 0.0493 | orient\_error: 0.1341

Ep: 302 | --- | Collision: 0 | ep\_r: 46.4 | step: 300 | pose\_error: 0.0558 | orient\_error: 0.1149

Ep: 303 | --- | Collision: 0 | ep\_r: 55.9 | step: 300 | pose\_error: 0.0359 | orient\_error: 0.0690

Ep: 304 | --- | Collision: 0 | ep\_r: 52.7 | step: 300 | pose\_error: 0.0596 | orient\_error: 0.1041

Ep: 305 | --- | Collision: 0 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0225 | orient\_error: 0.1143

Ep: 306 | --- | Collision: 0 | ep\_r: 33.4 | step: 300 | pose\_error: 0.0550 | orient\_error: 0.1122

Ep: 307 | --- | Collision: 0 | ep\_r: 44.9 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.1098

Ep: 308 | --- | Collision: 0 | ep\_r: 41.2 | step: 300 | pose\_error: 0.0431 | orient\_error: 0.1403

Ep: 309 | --- | Collision: 1 | ep\_r: 16.9 | step: 300 | pose\_error: 0.0338 | orient\_error: 0.1101

Ep: 310 | --- | Collision: 0 | ep\_r: 50.0 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.1082

Ep: 311 | --- | Collision: 0 | ep\_r: 55.9 | step: 300 | pose\_error: 0.0509 | orient\_error: 0.0851

Ep: 312 | --- | Collision: 0 | ep\_r: 44.7 | step: 300 | pose\_error: 0.0383 | orient\_error: 0.1027

Ep: 313 | --- | Collision: 0 | ep\_r: 40.0 | step: 300 | pose\_error: 0.0295 | orient\_error: 0.0955

Ep: 314 | --- | Collision: 0 | ep\_r: 52.9 | step: 300 | pose\_error: 0.0513 | orient\_error: 0.1364

Ep: 315 | --- | Collision: 0 | ep\_r: -2.2 | step: 300 | pose\_error: 0.1196 | orient\_error: 0.1798

Ep: 316 | --- | Collision: 0 | ep\_r: 33.4 | step: 300 | pose\_error: 0.0528 | orient\_error: 0.1533

Ep: 317 | --- | Collision: 0 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.1116

Ep: 318 | --- | Collision: 1 | ep\_r: 28.7 | step: 300 | pose\_error: 0.0603 | orient\_error: 0.1410

Ep: 319 | --- | Collision: 0 | ep\_r: 48.2 | step: 300 | pose\_error: 0.0192 | orient\_error: 0.0539

Ep: 320 | --- | Collision: 1 | ep\_r: -33.9 | step: 300 | pose\_error: 0.0964 | orient\_error: 0.2078

Ep: 321 | --- | Collision: 0 | ep\_r: 50.4 | step: 300 | pose\_error: 0.0142 | orient\_error: 0.0947

Ep: 322 | --- | Collision: 0 | ep\_r: 4.7 | step: 300 | pose\_error: 0.1183 | orient\_error: 0.2737

Ep: 323 | --- | Collision: 1 | ep\_r: 34.8 | step: 300 | pose\_error: 0.0412 | orient\_error: 0.0394

Ep: 324 | --- | Collision: 0 | ep\_r: 52.6 | step: 300 | pose\_error: 0.0413 | orient\_error: 0.0653

Ep: 325 | --- | Collision: 0 | ep\_r: 56.9 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0523

Ep: 326 | --- | Collision: 0 | ep\_r: 20.1 | step: 300 | pose\_error: 0.0681 | orient\_error: 0.1356

Ep: 327 | --- | Collision: 0 | ep\_r: 30.3 | step: 300 | pose\_error: 0.0722 | orient\_error: 0.1469

Ep: 328 | --- | Collision: 0 | ep\_r: 10.4 | step: 300 | pose\_error: 0.0758 | orient\_error: 0.1480

Ep: 329 | --- | Collision: 1 | ep\_r: -61.9 | step: 300 | pose\_error: 0.1437 | orient\_error: 0.5050

Ep: 330 | --- | Collision: 0 | ep\_r: 6.1 | step: 300 | pose\_error: 0.0295 | orient\_error: 0.2190

Ep: 331 | --- | Collision: 1 | ep\_r: -137.9 | step: 300 | pose\_error: 0.2137 | orient\_error: 0.5289

Ep: 332 | --- | Collision: 0 | ep\_r: 43.0 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.1230

Ep: 333 | --- | Collision: 0 | ep\_r: 22.8 | step: 300 | pose\_error: 0.0751 | orient\_error: 0.0565

Ep: 334 | --- | Collision: 0 | ep\_r: -5.3 | step: 300 | pose\_error: 0.0725 | orient\_error: 0.1118

Ep: 335 | --- | Collision: 0 | ep\_r: 25.5 | step: 300 | pose\_error: 0.0566 | orient\_error: 0.1521

Ep: 336 | --- | Collision: 0 | ep\_r: 5.7 | step: 300 | pose\_error: 0.0405 | orient\_error: 0.1809

Ep: 337 | --- | Collision: 0 | ep\_r: 37.5 | step: 300 | pose\_error: 0.0339 | orient\_error: 0.0980

Ep: 338 | --- | Collision: 0 | ep\_r: -122.2 | step: 300 | pose\_error: 0.0824 | orient\_error: 0.0881

Ep: 339 | --- | Collision: 0 | ep\_r: 23.1 | step: 300 | pose\_error: 0.0393 | orient\_error: 0.1944

Ep: 340 | --- | Collision: 0 | ep\_r: 32.2 | step: 300 | pose\_error: 0.0835 | orient\_error: 0.0982

Ep: 341 | --- | Collision: 0 | ep\_r: 32.0 | step: 300 | pose\_error: 0.0233 | orient\_error: 0.1230

Ep: 342 | --- | Collision: 0 | ep\_r: 27.8 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.1760

Ep: 343 | --- | Collision: 1 | ep\_r: -22.5 | step: 300 | pose\_error: 0.0704 | orient\_error: 0.1910

Ep: 344 | --- | Collision: 1 | ep\_r: -66.2 | step: 300 | pose\_error: 0.1604 | orient\_error: 0.5038

Ep: 345 | --- | Collision: 0 | ep\_r: 53.2 | step: 300 | pose\_error: 0.0347 | orient\_error: 0.1316

Ep: 346 | --- | Collision: 0 | ep\_r: 49.3 | step: 300 | pose\_error: 0.0802 | orient\_error: 0.1460

Ep: 347 | --- | Collision: 1 | ep\_r: -40.6 | step: 300 | pose\_error: 0.1802 | orient\_error: 0.4046

Ep: 348 | --- | Collision: 0 | ep\_r: 33.4 | step: 300 | pose\_error: 0.0770 | orient\_error: 0.1131

Ep: 349 | --- | Collision: 0 | ep\_r: 21.7 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.1540

Ep: 350 | --- | Collision: 0 | ep\_r: 27.1 | step: 300 | pose\_error: 0.0429 | orient\_error: 0.1855

Ep: 351 | --- | Collision: 0 | ep\_r: 33.7 | step: 300 | pose\_error: 0.0562 | orient\_error: 0.1502

Ep: 352 | --- | Collision: 0 | ep\_r: 19.4 | step: 300 | pose\_error: 0.0651 | orient\_error: 0.2480

Ep: 353 | --- | Collision: 1 | ep\_r: 11.0 | step: 300 | pose\_error: 0.0860 | orient\_error: 0.2507

Ep: 354 | --- | Collision: 0 | ep\_r: 17.9 | step: 300 | pose\_error: 0.1223 | orient\_error: 0.2884

Ep: 355 | --- | Collision: 1 | ep\_r: -35.1 | step: 300 | pose\_error: 0.1156 | orient\_error: 0.2690

Ep: 356 | --- | Collision: 0 | ep\_r: 9.8 | step: 300 | pose\_error: 0.0993 | orient\_error: 0.2314

Ep: 357 | --- | Collision: 1 | ep\_r: 7.7 | step: 300 | pose\_error: 0.1203 | orient\_error: 0.1966

Ep: 358 | --- | Collision: 1 | ep\_r: -74.8 | step: 300 | pose\_error: 0.3144 | orient\_error: 0.0787

Ep: 359 | --- | Collision: 1 | ep\_r: -91.4 | step: 300 | pose\_error: 0.2020 | orient\_error: 0.5618

Ep: 360 | --- | Collision: 0 | ep\_r: 35.1 | step: 300 | pose\_error: 0.0595 | orient\_error: 0.0919

Ep: 361 | --- | Collision: 0 | ep\_r: 38.6 | step: 300 | pose\_error: 0.0401 | orient\_error: 0.1779

Ep: 362 | --- | Collision: 1 | ep\_r: -126.2 | step: 300 | pose\_error: 0.0447 | orient\_error: 0.1631

Ep: 363 | --- | Collision: 0 | ep\_r: 14.6 | step: 300 | pose\_error: 0.1150 | orient\_error: 0.2504

Ep: 364 | --- | Collision: 0 | ep\_r: 47.9 | step: 300 | pose\_error: 0.0226 | orient\_error: 0.1312

Ep: 365 | --- | Collision: 0 | ep\_r: 34.2 | step: 300 | pose\_error: 0.0916 | orient\_error: 0.1468

Ep: 366 | --- | Collision: 1 | ep\_r: 14.9 | step: 300 | pose\_error: 0.0601 | orient\_error: 0.2239

Ep: 367 | --- | Collision: 1 | ep\_r: 2.0 | step: 300 | pose\_error: 0.1159 | orient\_error: 0.1948

Ep: 368 | --- | Collision: 0 | ep\_r: 39.5 | step: 300 | pose\_error: 0.0536 | orient\_error: 0.0955

Ep: 369 | --- | Collision: 0 | ep\_r: 42.0 | step: 300 | pose\_error: 0.0344 | orient\_error: 0.1982

Ep: 370 | --- | Collision: 0 | ep\_r: 44.1 | step: 300 | pose\_error: 0.0305 | orient\_error: 0.1853

Ep: 371 | --- | Collision: 0 | ep\_r: 34.1 | step: 300 | pose\_error: 0.0395 | orient\_error: 0.1967

Ep: 372 | --- | Collision: 0 | ep\_r: 37.7 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.1567

Ep: 373 | --- | Collision: 1 | ep\_r: 38.5 | step: 300 | pose\_error: 0.0675 | orient\_error: 0.0474

Ep: 374 | --- | Collision: 0 | ep\_r: 38.6 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.1067

Ep: 375 | --- | Collision: 0 | ep\_r: 61.8 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0812

Ep: 376 | --- | Collision: 0 | ep\_r: 47.2 | step: 300 | pose\_error: 0.0475 | orient\_error: 0.1469

Ep: 377 | --- | Collision: 1 | ep\_r: 36.3 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.1191

Ep: 378 | --- | Collision: 0 | ep\_r: 37.3 | step: 300 | pose\_error: 0.0297 | orient\_error: 0.0893

Ep: 379 | --- | Collision: 1 | ep\_r: -104.6 | step: 300 | pose\_error: 0.1662 | orient\_error: 0.1990

Ep: 380 | --- | Collision: 0 | ep\_r: -152.9 | step: 300 | pose\_error: 0.1312 | orient\_error: 0.0797

Ep: 381 | --- | Collision: 1 | ep\_r: -131.2 | step: 300 | pose\_error: 0.0863 | orient\_error: 0.1765

Ep: 382 | --- | Collision: 0 | ep\_r: -93.1 | step: 300 | pose\_error: 0.2175 | orient\_error: 0.0582

Ep: 383 | --- | Collision: 0 | ep\_r: 53.3 | step: 300 | pose\_error: 0.0212 | orient\_error: 0.1634

Ep: 384 | --- | Collision: 0 | ep\_r: 36.1 | step: 300 | pose\_error: 0.0194 | orient\_error: 0.1027

Ep: 385 | --- | Collision: 0 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0280 | orient\_error: 0.1030

Ep: 386 | --- | Collision: 0 | ep\_r: 31.7 | step: 300 | pose\_error: 0.0293 | orient\_error: 0.0874

Ep: 387 | --- | Collision: 0 | ep\_r: 44.0 | step: 300 | pose\_error: 0.0345 | orient\_error: 0.1006

Ep: 388 | --- | Collision: 0 | ep\_r: 32.0 | step: 300 | pose\_error: 0.0214 | orient\_error: 0.1209

Ep: 389 | --- | Collision: 1 | ep\_r: -115.8 | step: 300 | pose\_error: 0.1233 | orient\_error: 0.3423

Ep: 390 | --- | Collision: 0 | ep\_r: 55.7 | step: 300 | pose\_error: 0.0479 | orient\_error: 0.0747

Ep: 391 | --- | Collision: 0 | ep\_r: 52.5 | step: 300 | pose\_error: 0.0435 | orient\_error: 0.0608

Ep: 392 | --- | Collision: 0 | ep\_r: 45.3 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0299

Ep: 393 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0188 | orient\_error: 0.0761

Ep: 394 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0194 | orient\_error: 0.1197

Ep: 395 | --- | Collision: 0 | ep\_r: 38.7 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.1160

Ep: 396 | --- | Collision: 0 | ep\_r: 36.8 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.1709

Ep: 397 | --- | Collision: 0 | ep\_r: 49.5 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.0826

Ep: 398 | --- | Collision: 0 | ep\_r: 56.2 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0425

Ep: 399 | --- | Collision: 0 | ep\_r: 49.0 | step: 300 | pose\_error: 0.0494 | orient\_error: 0.1517

Ep: 400 | --- | Collision: 0 | ep\_r: 54.7 | step: 300 | pose\_error: 0.0390 | orient\_error: 0.1141

Ep: 401 | --- | Collision: 0 | ep\_r: 58.8 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.0722

Ep: 402 | --- | Collision: 0 | ep\_r: 44.8 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0689

Ep: 403 | --- | Collision: 0 | ep\_r: 34.5 | step: 300 | pose\_error: 0.0384 | orient\_error: 0.1089

Ep: 404 | --- | Collision: 0 | ep\_r: 43.0 | step: 300 | pose\_error: 0.0563 | orient\_error: 0.1866

Ep: 405 | --- | Collision: 0 | ep\_r: 11.9 | step: 300 | pose\_error: 0.0696 | orient\_error: 0.1368

Ep: 406 | --- | Collision: 0 | ep\_r: 37.5 | step: 300 | pose\_error: 0.0522 | orient\_error: 0.1020

Ep: 407 | --- | Collision: 0 | ep\_r: 55.1 | step: 300 | pose\_error: 0.0635 | orient\_error: 0.1124

Ep: 408 | --- | Collision: 0 | ep\_r: 68.5 | step: 300 | pose\_error: 0.0734 | orient\_error: 0.1879

Ep: 409 | --- | Collision: 1 | ep\_r: 40.1 | step: 300 | pose\_error: 0.0196 | orient\_error: 0.0697

Ep: 410 | --- | Collision: 1 | ep\_r: 37.2 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.0701

Ep: 411 | --- | Collision: 0 | ep\_r: 19.7 | step: 300 | pose\_error: 0.0211 | orient\_error: 0.1356

Ep: 412 | --- | Collision: 1 | ep\_r: 2.0 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.0901

Ep: 413 | --- | Collision: 0 | ep\_r: 56.7 | step: 300 | pose\_error: 0.0306 | orient\_error: 0.0652

Ep: 414 | --- | Collision: 1 | ep\_r: 41.4 | step: 300 | pose\_error: 0.0638 | orient\_error: 0.0885

Ep: 415 | --- | Collision: 0 | ep\_r: 43.4 | step: 300 | pose\_error: 0.0324 | orient\_error: 0.0836

Ep: 416 | --- | Collision: 1 | ep\_r: 22.6 | step: 300 | pose\_error: 0.0871 | orient\_error: 0.1860

Ep: 417 | --- | Collision: 0 | ep\_r: 31.4 | step: 300 | pose\_error: 0.0757 | orient\_error: 0.1593

Ep: 418 | --- | Collision: 0 | ep\_r: 36.5 | step: 300 | pose\_error: 0.0539 | orient\_error: 0.1620

Ep: 419 | --- | Collision: 0 | ep\_r: 14.4 | step: 300 | pose\_error: 0.0545 | orient\_error: 0.2034

Ep: 420 | --- | Collision: 0 | ep\_r: 60.1 | step: 300 | pose\_error: 0.0523 | orient\_error: 0.1883

Ep: 421 | --- | Collision: 1 | ep\_r: 26.9 | step: 300 | pose\_error: 0.0881 | orient\_error: 0.1818

Ep: 422 | --- | Collision: 0 | ep\_r: 29.2 | step: 300 | pose\_error: 0.0484 | orient\_error: 0.1546

Ep: 423 | --- | Collision: 0 | ep\_r: 31.4 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.1353

Ep: 424 | --- | Collision: 0 | ep\_r: 47.7 | step: 300 | pose\_error: 0.0217 | orient\_error: 0.0859

Ep: 425 | --- | Collision: 1 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.1493

Ep: 426 | --- | Collision: 0 | ep\_r: 64.5 | step: 300 | pose\_error: 0.0313 | orient\_error: 0.0424

Ep: 427 | --- | Collision: 0 | ep\_r: 39.7 | step: 300 | pose\_error: 0.0222 | orient\_error: 0.0199

Ep: 428 | --- | Collision: 1 | ep\_r: -155.8 | step: 300 | pose\_error: 0.1972 | orient\_error: 0.3231

Ep: 429 | --- | Collision: 0 | ep\_r: 11.3 | step: 300 | pose\_error: 0.0537 | orient\_error: 0.1071

Ep: 430 | --- | Collision: 0 | ep\_r: 46.7 | step: 300 | pose\_error: 0.0464 | orient\_error: 0.0619

Ep: 431 | --- | Collision: 1 | ep\_r: -79.6 | step: 300 | pose\_error: 0.1467 | orient\_error: 0.3894

Ep: 432 | --- | Collision: 1 | ep\_r: -79.4 | step: 300 | pose\_error: 0.1340 | orient\_error: 0.5629

Ep: 433 | --- | Collision: 1 | ep\_r: -147.9 | step: 300 | pose\_error: 0.1140 | orient\_error: 0.7363

Ep: 434 | --- | Collision: 1 | ep\_r: -188.5 | step: 300 | pose\_error: 0.3193 | orient\_error: 0.7539

Ep: 435 | --- | Collision: 1 | ep\_r: -107.8 | step: 300 | pose\_error: 0.1986 | orient\_error: 0.0580

Ep: 436 | --- | Collision: 0 | ep\_r: 32.0 | step: 300 | pose\_error: 0.0851 | orient\_error: 0.0761

Ep: 437 | --- | Collision: 1 | ep\_r: -231.1 | step: 300 | pose\_error: 0.2183 | orient\_error: 0.6242

Ep: 438 | --- | Collision: 1 | ep\_r: -8.6 | step: 300 | pose\_error: 0.0636 | orient\_error: 0.1615

Ep: 439 | --- | Collision: 1 | ep\_r: -93.2 | step: 300 | pose\_error: 0.0733 | orient\_error: 0.5750

Ep: 440 | --- | Collision: 0 | ep\_r: 25.7 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.0698

Ep: 441 | --- | Collision: 1 | ep\_r: 3.6 | step: 300 | pose\_error: 0.0883 | orient\_error: 0.4558

Ep: 442 | --- | Collision: 0 | ep\_r: 33.4 | step: 300 | pose\_error: 0.0365 | orient\_error: 0.2356

Ep: 443 | --- | Collision: 0 | ep\_r: -3.2 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.1363

Ep: 444 | --- | Collision: 0 | ep\_r: 70.6 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.0541

Ep: 445 | --- | Collision: 1 | ep\_r: -12.5 | step: 300 | pose\_error: 0.0433 | orient\_error: 0.3680

Ep: 446 | --- | Collision: 1 | ep\_r: 19.6 | step: 300 | pose\_error: 0.1038 | orient\_error: 0.0649

Ep: 447 | --- | Collision: 1 | ep\_r: 4.5 | step: 300 | pose\_error: 0.0488 | orient\_error: 0.1258

Ep: 448 | --- | Collision: 0 | ep\_r: 26.1 | step: 300 | pose\_error: 0.0499 | orient\_error: 0.2296

Ep: 449 | --- | Collision: 0 | ep\_r: 63.1 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.1442

Ep: 450 | --- | Collision: 0 | ep\_r: 48.1 | step: 300 | pose\_error: 0.0608 | orient\_error: 0.0817

Ep: 451 | --- | Collision: 1 | ep\_r: 23.7 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.1192

Ep: 452 | --- | Collision: 0 | ep\_r: 43.4 | step: 300 | pose\_error: 0.0486 | orient\_error: 0.1742

Ep: 453 | --- | Collision: 0 | ep\_r: 49.2 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0980

Ep: 454 | --- | Collision: 0 | ep\_r: 48.1 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0808

Ep: 455 | --- | Collision: 0 | ep\_r: 51.0 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.0529

Ep: 456 | --- | Collision: 0 | ep\_r: 73.8 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.0246

Ep: 457 | --- | Collision: 0 | ep\_r: 57.0 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0629

Ep: 458 | --- | Collision: 0 | ep\_r: 77.0 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0579

Ep: 459 | --- | Collision: 0 | ep\_r: 81.0 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0637

Ep: 460 | --- | Collision: 1 | ep\_r: 30.8 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.0686

Ep: 461 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0421

Ep: 462 | --- | Collision: 1 | ep\_r: 56.6 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.0398

Ep: 463 | --- | Collision: 0 | ep\_r: 55.8 | step: 300 | pose\_error: 0.0142 | orient\_error: 0.0234

Ep: 464 | --- | Collision: 0 | ep\_r: 59.4 | step: 300 | pose\_error: 0.0434 | orient\_error: 0.0638

Ep: 465 | --- | Collision: 0 | ep\_r: 61.7 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0453

Ep: 466 | --- | Collision: 0 | ep\_r: 65.6 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.0771

Ep: 467 | --- | Collision: 0 | ep\_r: 63.3 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.1194

Ep: 468 | --- | Collision: 0 | ep\_r: 73.6 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0676

Ep: 469 | --- | Collision: 0 | ep\_r: 66.1 | step: 300 | pose\_error: 0.0460 | orient\_error: 0.1286

Ep: 470 | --- | Collision: 0 | ep\_r: 67.2 | step: 300 | pose\_error: 0.0228 | orient\_error: 0.1343

Ep: 471 | --- | Collision: 0 | ep\_r: 44.2 | step: 300 | pose\_error: 0.0524 | orient\_error: 0.1250

Ep: 472 | --- | Collision: 0 | ep\_r: 59.6 | step: 300 | pose\_error: 0.0257 | orient\_error: 0.0501

Ep: 473 | --- | Collision: 0 | ep\_r: 59.4 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.1036

Ep: 474 | --- | Collision: 0 | ep\_r: -1.6 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.0954

Ep: 475 | --- | Collision: 0 | ep\_r: 7.4 | step: 300 | pose\_error: 0.0776 | orient\_error: 0.2466

Ep: 476 | --- | Collision: 0 | ep\_r: 74.1 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0422

Ep: 477 | --- | Collision: 1 | ep\_r: -46.9 | step: 300 | pose\_error: 0.0660 | orient\_error: 0.7810

Ep: 478 | --- | Collision: 0 | ep\_r: 55.2 | step: 300 | pose\_error: 0.0327 | orient\_error: 0.0601

Ep: 479 | --- | Collision: 0 | ep\_r: 43.3 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.0524

Ep: 480 | --- | Collision: 0 | ep\_r: 67.0 | step: 300 | pose\_error: 0.0232 | orient\_error: 0.0235

Ep: 481 | --- | Collision: 1 | ep\_r: 15.9 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.0304

Ep: 482 | --- | Collision: 0 | ep\_r: 71.0 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.0546

Ep: 483 | --- | Collision: 0 | ep\_r: 46.5 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.1539

Ep: 484 | --- | Collision: 0 | ep\_r: 45.0 | step: 300 | pose\_error: 0.0249 | orient\_error: 0.1130

Ep: 485 | --- | Collision: 0 | ep\_r: 33.1 | step: 300 | pose\_error: 0.0227 | orient\_error: 0.0489

Ep: 486 | --- | Collision: 0 | ep\_r: 67.0 | step: 300 | pose\_error: 0.0370 | orient\_error: 0.0534

Ep: 487 | --- | Collision: 1 | ep\_r: 55.7 | step: 300 | pose\_error: 0.0219 | orient\_error: 0.0389

Ep: 488 | --- | Collision: 1 | ep\_r: 55.6 | step: 300 | pose\_error: 0.0437 | orient\_error: 0.0813

Ep: 489 | --- | Collision: 0 | ep\_r: 50.1 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0797

Ep: 490 | --- | Collision: 0 | ep\_r: 54.8 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0531

Ep: 491 | --- | Collision: 1 | ep\_r: 58.4 | step: 300 | pose\_error: 0.0238 | orient\_error: 0.0494

Ep: 492 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0250

Ep: 493 | --- | Collision: 1 | ep\_r: 14.5 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0305

Ep: 494 | --- | Collision: 0 | ep\_r: 70.7 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0502

Ep: 495 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0692

Ep: 496 | --- | Collision: 1 | ep\_r: -99.8 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.0923

Ep: 497 | --- | Collision: 1 | ep\_r: -136.2 | step: 300 | pose\_error: 0.2202 | orient\_error: 0.4602

Ep: 498 | --- | Collision: 0 | ep\_r: 33.3 | step: 300 | pose\_error: 0.0122 | orient\_error: 0.0159

Ep: 499 | --- | Collision: 1 | ep\_r: -45.3 | step: 300 | pose\_error: 0.0051 | orient\_error: 0.0178

Ep: 500 | --- | Collision: 0 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.0510

Ep: 501 | --- | Collision: 1 | ep\_r: 23.8 | step: 300 | pose\_error: 0.0192 | orient\_error: 0.0492

Ep: 502 | --- | Collision: 0 | ep\_r: 19.6 | step: 300 | pose\_error: 0.0666 | orient\_error: 0.0854

Ep: 503 | --- | Collision: 0 | ep\_r: 35.0 | step: 300 | pose\_error: 0.0442 | orient\_error: 0.0554

Ep: 504 | --- | Collision: 0 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0257 | orient\_error: 0.0239

Ep: 505 | --- | Collision: 1 | ep\_r: -8.6 | step: 300 | pose\_error: 0.0327 | orient\_error: 0.0713

Ep: 506 | --- | Collision: 1 | ep\_r: -137.5 | step: 300 | pose\_error: 0.1267 | orient\_error: 0.1678

Ep: 507 | --- | Collision: 1 | ep\_r: -92.5 | step: 300 | pose\_error: 0.0807 | orient\_error: 0.1299

Ep: 508 | --- | Collision: 1 | ep\_r: -97.1 | step: 300 | pose\_error: 0.3180 | orient\_error: 0.3043

Ep: 509 | --- | Collision: 1 | ep\_r: -46.1 | step: 300 | pose\_error: 0.1103 | orient\_error: 0.1199

Ep: 510 | --- | Collision: 1 | ep\_r: -97.7 | step: 300 | pose\_error: 0.1431 | orient\_error: 0.5003

Ep: 511 | --- | Collision: 0 | ep\_r: 47.9 | step: 300 | pose\_error: 0.0643 | orient\_error: 0.1309

Ep: 512 | --- | Collision: 1 | ep\_r: -77.6 | step: 300 | pose\_error: 0.2811 | orient\_error: 0.3540

Ep: 513 | --- | Collision: 1 | ep\_r: -103.7 | step: 300 | pose\_error: 0.2961 | orient\_error: 0.2259

Ep: 514 | --- | Collision: 0 | ep\_r: 22.4 | step: 300 | pose\_error: 0.0499 | orient\_error: 0.1039

Ep: 515 | --- | Collision: 1 | ep\_r: 36.0 | step: 300 | pose\_error: 0.0505 | orient\_error: 0.1090

Ep: 516 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0595 | orient\_error: 0.0558

Ep: 517 | --- | Collision: 1 | ep\_r: 40.0 | step: 300 | pose\_error: 0.0469 | orient\_error: 0.0466

Ep: 518 | --- | Collision: 1 | ep\_r: 57.8 | step: 300 | pose\_error: 0.0242 | orient\_error: 0.0330

Ep: 519 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0430 | orient\_error: 0.0168

Ep: 520 | --- | Collision: 0 | ep\_r: 62.4 | step: 300 | pose\_error: 0.0404 | orient\_error: 0.0382

Ep: 521 | --- | Collision: 0 | ep\_r: 53.7 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0217

Ep: 522 | --- | Collision: 0 | ep\_r: 62.2 | step: 300 | pose\_error: 0.0617 | orient\_error: 0.0920

Ep: 523 | --- | Collision: 0 | ep\_r: 66.7 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.0516

Ep: 524 | --- | Collision: 0 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0173 | orient\_error: 0.0708

Ep: 525 | --- | Collision: 0 | ep\_r: 59.5 | step: 300 | pose\_error: 0.0654 | orient\_error: 0.0355

Ep: 526 | --- | Collision: 0 | ep\_r: 60.4 | step: 300 | pose\_error: 0.0593 | orient\_error: 0.0816

Ep: 527 | --- | Collision: 0 | ep\_r: 87.2 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0198

Ep: 528 | --- | Collision: 0 | ep\_r: 68.5 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0322

Ep: 529 | --- | Collision: 0 | ep\_r: 69.3 | step: 300 | pose\_error: 0.0217 | orient\_error: 0.0398

Ep: 530 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0649

Ep: 531 | --- | Collision: 0 | ep\_r: 62.9 | step: 300 | pose\_error: 0.0323 | orient\_error: 0.0203

Ep: 532 | --- | Collision: 0 | ep\_r: 79.1 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.0310

Ep: 533 | --- | Collision: 0 | ep\_r: 71.3 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.0248

Ep: 534 | --- | Collision: 0 | ep\_r: 76.7 | step: 300 | pose\_error: 0.0318 | orient\_error: 0.0433

Ep: 535 | --- | Collision: 0 | ep\_r: 63.2 | step: 300 | pose\_error: 0.0330 | orient\_error: 0.0755

Ep: 536 | --- | Collision: 0 | ep\_r: 72.3 | step: 300 | pose\_error: 0.0216 | orient\_error: 0.0212

Ep: 537 | --- | Collision: 0 | ep\_r: 85.8 | step: 300 | pose\_error: 0.0286 | orient\_error: 0.0153

Ep: 538 | --- | Collision: 0 | ep\_r: 73.9 | step: 300 | pose\_error: 0.0277 | orient\_error: 0.0179

Ep: 539 | --- | Collision: 0 | ep\_r: 68.8 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0425

Ep: 540 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0389

Ep: 541 | --- | Collision: 0 | ep\_r: 80.2 | step: 300 | pose\_error: 0.0369 | orient\_error: 0.0649

Ep: 542 | --- | Collision: 0 | ep\_r: 49.5 | step: 300 | pose\_error: 0.0454 | orient\_error: 0.0535

Ep: 543 | --- | Collision: 0 | ep\_r: 73.3 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.0279

Ep: 544 | --- | Collision: 0 | ep\_r: 72.4 | step: 300 | pose\_error: 0.0291 | orient\_error: 0.0215

Ep: 545 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0311

Ep: 546 | --- | Collision: 0 | ep\_r: 78.6 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0219

Ep: 547 | --- | Collision: 0 | ep\_r: -95.4 | step: 300 | pose\_error: 0.1849 | orient\_error: 0.5544

Ep: 548 | --- | Collision: 0 | ep\_r: 77.3 | step: 300 | pose\_error: 0.0376 | orient\_error: 0.0379

Ep: 549 | --- | Collision: 0 | ep\_r: 80.1 | step: 300 | pose\_error: 0.0204 | orient\_error: 0.0345

Ep: 550 | --- | Collision: 1 | ep\_r: -135.1 | step: 300 | pose\_error: 0.2651 | orient\_error: 0.2894

Ep: 551 | --- | Collision: 0 | ep\_r: 65.9 | step: 300 | pose\_error: 0.0449 | orient\_error: 0.0596

Ep: 552 | --- | Collision: 1 | ep\_r: -153.1 | step: 300 | pose\_error: 0.2902 | orient\_error: 0.6506

Ep: 553 | --- | Collision: 1 | ep\_r: -198.8 | step: 300 | pose\_error: 0.2765 | orient\_error: 0.3947

Ep: 554 | --- | Collision: 0 | ep\_r: 94.2 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0208

Ep: 555 | --- | Collision: 0 | ep\_r: 84.8 | step: 300 | pose\_error: 0.0248 | orient\_error: 0.0306

Ep: 556 | --- | Collision: 0 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0716

Ep: 557 | --- | Collision: 0 | ep\_r: 63.1 | step: 300 | pose\_error: 0.0370 | orient\_error: 0.0224

Ep: 558 | --- | Collision: 0 | ep\_r: 64.0 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.0525

Ep: 559 | --- | Collision: 0 | ep\_r: 86.7 | step: 300 | pose\_error: 0.0245 | orient\_error: 0.0379

Ep: 560 | --- | Collision: 0 | ep\_r: 61.6 | step: 300 | pose\_error: 0.0317 | orient\_error: 0.0359

Ep: 561 | --- | Collision: 1 | ep\_r: -41.5 | step: 300 | pose\_error: 0.3895 | orient\_error: 0.6169

Ep: 562 | --- | Collision: 0 | ep\_r: 59.6 | step: 300 | pose\_error: 0.0401 | orient\_error: 0.0634

Ep: 563 | --- | Collision: 0 | ep\_r: 63.8 | step: 300 | pose\_error: 0.0300 | orient\_error: 0.0395

Ep: 564 | --- | Collision: 0 | ep\_r: 56.7 | step: 300 | pose\_error: 0.0412 | orient\_error: 0.0470

Ep: 565 | --- | Collision: 0 | ep\_r: 51.2 | step: 300 | pose\_error: 0.0587 | orient\_error: 0.0884

Ep: 566 | --- | Collision: 1 | ep\_r: 49.0 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.0670

Ep: 567 | --- | Collision: 0 | ep\_r: 58.6 | step: 300 | pose\_error: 0.0500 | orient\_error: 0.0226

Ep: 568 | --- | Collision: 1 | ep\_r: 29.2 | step: 300 | pose\_error: 0.0502 | orient\_error: 0.0169

Ep: 569 | --- | Collision: 0 | ep\_r: 60.1 | step: 300 | pose\_error: 0.0316 | orient\_error: 0.0391

Ep: 570 | --- | Collision: 1 | ep\_r: 45.8 | step: 300 | pose\_error: 0.0302 | orient\_error: 0.1219

Ep: 571 | --- | Collision: 0 | ep\_r: 76.6 | step: 300 | pose\_error: 0.0226 | orient\_error: 0.0550

Ep: 572 | --- | Collision: 0 | ep\_r: 71.2 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0668

Ep: 573 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0955

Ep: 574 | --- | Collision: 0 | ep\_r: -0.9 | step: 300 | pose\_error: 0.0529 | orient\_error: 0.1289

Ep: 575 | --- | Collision: 1 | ep\_r: 40.6 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0977

Ep: 576 | --- | Collision: 0 | ep\_r: 49.8 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.0537

Ep: 577 | --- | Collision: 0 | ep\_r: 66.6 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0489

Ep: 578 | --- | Collision: 0 | ep\_r: 81.9 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0555

Ep: 579 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0813

Ep: 580 | --- | Collision: 0 | ep\_r: 64.3 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0849

Ep: 581 | --- | Collision: 0 | ep\_r: 79.8 | step: 300 | pose\_error: 0.0365 | orient\_error: 0.0694

Ep: 582 | --- | Collision: 1 | ep\_r: 54.7 | step: 300 | pose\_error: 0.0235 | orient\_error: 0.0577

Ep: 583 | --- | Collision: 0 | ep\_r: 73.1 | step: 300 | pose\_error: 0.0481 | orient\_error: 0.0335

Ep: 584 | --- | Collision: 0 | ep\_r: 81.1 | step: 300 | pose\_error: 0.0342 | orient\_error: 0.0251

Ep: 585 | --- | Collision: 0 | ep\_r: 68.3 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0443

Ep: 586 | --- | Collision: 0 | ep\_r: 82.8 | step: 300 | pose\_error: 0.0170 | orient\_error: 0.0168

Ep: 587 | --- | Collision: 0 | ep\_r: 98.9 | step: 300 | pose\_error: 0.0060 | orient\_error: 0.0279

Ep: 588 | --- | Collision: 1 | ep\_r: 26.5 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0110

Ep: 589 | --- | Collision: 0 | ep\_r: 84.8 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0166

Ep: 590 | --- | Collision: 0 | ep\_r: 93.9 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.0282

Ep: 591 | --- | Collision: 1 | ep\_r: -6.5 | step: 300 | pose\_error: 0.0578 | orient\_error: 0.1754

Ep: 592 | --- | Collision: 0 | ep\_r: 34.7 | step: 300 | pose\_error: 0.0534 | orient\_error: 0.1646

Ep: 593 | --- | Collision: 0 | ep\_r: -3.5 | step: 300 | pose\_error: 0.0396 | orient\_error: 0.0873

Ep: 594 | --- | Collision: 0 | ep\_r: 93.0 | step: 300 | pose\_error: 0.0209 | orient\_error: 0.0180

Ep: 595 | --- | Collision: 0 | ep\_r: 72.5 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.0332

Ep: 596 | --- | Collision: 0 | ep\_r: 14.7 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0577

Ep: 597 | --- | Collision: 0 | ep\_r: 75.2 | step: 300 | pose\_error: 0.0209 | orient\_error: 0.0358

Ep: 598 | --- | Collision: 0 | ep\_r: 41.6 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0625

Ep: 599 | --- | Collision: 0 | ep\_r: 51.8 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0329

Ep: 600 | --- | Collision: 0 | ep\_r: 78.7 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0305

Ep: 601 | --- | Collision: 1 | ep\_r: -73.9 | step: 300 | pose\_error: 0.1285 | orient\_error: 0.2381

Ep: 602 | --- | Collision: 0 | ep\_r: -8.3 | step: 300 | pose\_error: 0.0281 | orient\_error: 0.2223

Ep: 603 | --- | Collision: 0 | ep\_r: 0.7 | step: 300 | pose\_error: 0.0548 | orient\_error: 0.1993

Ep: 604 | --- | Collision: 1 | ep\_r: -63.9 | step: 300 | pose\_error: 0.0736 | orient\_error: 0.1828

Ep: 605 | --- | Collision: 0 | ep\_r: 64.8 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0219

Ep: 606 | --- | Collision: 0 | ep\_r: 45.2 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0221

Ep: 607 | --- | Collision: 0 | ep\_r: -1.4 | step: 300 | pose\_error: 0.0594 | orient\_error: 0.2678

Ep: 608 | --- | Collision: 0 | ep\_r: -28.1 | step: 300 | pose\_error: 0.0666 | orient\_error: 0.1753

Ep: 609 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0192

Ep: 610 | --- | Collision: 1 | ep\_r: -114.2 | step: 300 | pose\_error: 0.0964 | orient\_error: 0.2069

Ep: 611 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.0259

Ep: 612 | --- | Collision: 0 | ep\_r: -60.5 | step: 300 | pose\_error: 0.1881 | orient\_error: 0.3268

Ep: 613 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0270

Ep: 614 | --- | Collision: 0 | ep\_r: 73.6 | step: 300 | pose\_error: 0.0410 | orient\_error: 0.0360

Ep: 615 | --- | Collision: 0 | ep\_r: 74.5 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.0126

Ep: 616 | --- | Collision: 0 | ep\_r: 65.0 | step: 300 | pose\_error: 0.0341 | orient\_error: 0.0336

Ep: 617 | --- | Collision: 0 | ep\_r: 70.2 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0342

Ep: 618 | --- | Collision: 1 | ep\_r: -74.4 | step: 300 | pose\_error: 0.1106 | orient\_error: 0.1136

Ep: 619 | --- | Collision: 0 | ep\_r: 55.3 | step: 300 | pose\_error: 0.0245 | orient\_error: 0.0187

Ep: 620 | --- | Collision: 0 | ep\_r: 54.2 | step: 300 | pose\_error: 0.0532 | orient\_error: 0.0619

Ep: 621 | --- | Collision: 1 | ep\_r: 6.9 | step: 300 | pose\_error: 0.0704 | orient\_error: 0.0724

Ep: 622 | --- | Collision: 0 | ep\_r: 60.9 | step: 300 | pose\_error: 0.0457 | orient\_error: 0.0380

Ep: 623 | --- | Collision: 0 | ep\_r: 46.9 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.2015

Ep: 624 | --- | Collision: 0 | ep\_r: -1.5 | step: 300 | pose\_error: 0.0886 | orient\_error: 0.2712

Ep: 625 | --- | Collision: 1 | ep\_r: -79.1 | step: 300 | pose\_error: 0.0855 | orient\_error: 0.3275

Ep: 626 | --- | Collision: 1 | ep\_r: -57.5 | step: 300 | pose\_error: 0.1803 | orient\_error: 0.5345

Ep: 627 | --- | Collision: 1 | ep\_r: 4.9 | step: 300 | pose\_error: 0.1575 | orient\_error: 0.2856

Ep: 628 | --- | Collision: 1 | ep\_r: -74.6 | step: 300 | pose\_error: 0.0932 | orient\_error: 0.2074

Ep: 629 | --- | Collision: 1 | ep\_r: -116.0 | step: 300 | pose\_error: 0.1407 | orient\_error: 0.1946

Ep: 630 | --- | Collision: 1 | ep\_r: -33.5 | step: 300 | pose\_error: 0.0866 | orient\_error: 0.1229

Ep: 631 | --- | Collision: 0 | ep\_r: 1.4 | step: 300 | pose\_error: 0.0941 | orient\_error: 0.1385

Ep: 632 | --- | Collision: 1 | ep\_r: -13.6 | step: 300 | pose\_error: 0.0420 | orient\_error: 0.1142

Ep: 633 | --- | Collision: 0 | ep\_r: 59.0 | step: 300 | pose\_error: 0.0417 | orient\_error: 0.0691

Ep: 634 | --- | Collision: 1 | ep\_r: 56.2 | step: 300 | pose\_error: 0.0362 | orient\_error: 0.0591

Ep: 635 | --- | Collision: 0 | ep\_r: 67.6 | step: 300 | pose\_error: 0.0216 | orient\_error: 0.0588

Ep: 636 | --- | Collision: 0 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0153 | orient\_error: 0.0617

Ep: 637 | --- | Collision: 0 | ep\_r: 66.0 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0871

Ep: 638 | --- | Collision: 0 | ep\_r: 71.4 | step: 300 | pose\_error: 0.0337 | orient\_error: 0.0713

Ep: 639 | --- | Collision: 0 | ep\_r: 67.6 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.0382

Ep: 640 | --- | Collision: 0 | ep\_r: 71.0 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.0282

Ep: 641 | --- | Collision: 1 | ep\_r: 9.4 | step: 300 | pose\_error: 0.0829 | orient\_error: 0.3639

Ep: 642 | --- | Collision: 1 | ep\_r: -16.5 | step: 300 | pose\_error: 0.1069 | orient\_error: 0.1166

Ep: 643 | --- | Collision: 0 | ep\_r: 66.6 | step: 300 | pose\_error: 0.0679 | orient\_error: 0.0975

Ep: 644 | --- | Collision: 0 | ep\_r: 39.2 | step: 300 | pose\_error: 0.0492 | orient\_error: 0.0784

Ep: 645 | --- | Collision: 0 | ep\_r: 72.1 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.0233

Ep: 646 | --- | Collision: 0 | ep\_r: 58.1 | step: 300 | pose\_error: 0.0406 | orient\_error: 0.0566

Ep: 647 | --- | Collision: 1 | ep\_r: 47.9 | step: 300 | pose\_error: 0.0297 | orient\_error: 0.0569

Ep: 648 | --- | Collision: 1 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0280 | orient\_error: 0.0726

Ep: 649 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0209 | orient\_error: 0.0457

Ep: 650 | --- | Collision: 0 | ep\_r: 87.6 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.0342

Ep: 651 | --- | Collision: 0 | ep\_r: 80.5 | step: 300 | pose\_error: 0.0173 | orient\_error: 0.0546

Ep: 652 | --- | Collision: 0 | ep\_r: 51.4 | step: 300 | pose\_error: 0.0537 | orient\_error: 0.0795

Ep: 653 | --- | Collision: 0 | ep\_r: 77.9 | step: 300 | pose\_error: 0.0333 | orient\_error: 0.0758

Ep: 654 | --- | Collision: 0 | ep\_r: 79.6 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0518

Ep: 655 | --- | Collision: 0 | ep\_r: 75.5 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0335

Ep: 656 | --- | Collision: 0 | ep\_r: 63.0 | step: 300 | pose\_error: 0.0188 | orient\_error: 0.0780

Ep: 657 | --- | Collision: 0 | ep\_r: 73.0 | step: 300 | pose\_error: 0.0187 | orient\_error: 0.0679

Ep: 658 | --- | Collision: 0 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0170 | orient\_error: 0.0413

Ep: 659 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0669

Ep: 660 | --- | Collision: 1 | ep\_r: 8.2 | step: 300 | pose\_error: 0.0467 | orient\_error: 0.0682

Ep: 661 | --- | Collision: 0 | ep\_r: 74.7 | step: 300 | pose\_error: 0.0410 | orient\_error: 0.0659

Ep: 662 | --- | Collision: 0 | ep\_r: 72.5 | step: 300 | pose\_error: 0.0287 | orient\_error: 0.0865

Ep: 663 | --- | Collision: 0 | ep\_r: 52.6 | step: 300 | pose\_error: 0.0456 | orient\_error: 0.0789

Ep: 664 | --- | Collision: 0 | ep\_r: 63.8 | step: 300 | pose\_error: 0.0223 | orient\_error: 0.0773

Ep: 665 | --- | Collision: 0 | ep\_r: 75.6 | step: 300 | pose\_error: 0.0348 | orient\_error: 0.0812

Ep: 666 | --- | Collision: 1 | ep\_r: 2.9 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.0661

Ep: 667 | --- | Collision: 0 | ep\_r: 8.2 | step: 300 | pose\_error: 0.1629 | orient\_error: 0.6733

Ep: 668 | --- | Collision: 1 | ep\_r: -154.0 | step: 300 | pose\_error: 0.1327 | orient\_error: 0.4683

Ep: 669 | --- | Collision: 0 | ep\_r: 2.5 | step: 300 | pose\_error: 0.0888 | orient\_error: 0.1214

Ep: 670 | --- | Collision: 1 | ep\_r: -3.5 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.1885

Ep: 671 | --- | Collision: 1 | ep\_r: -35.6 | step: 300 | pose\_error: 0.0594 | orient\_error: 0.6644

Ep: 672 | --- | Collision: 1 | ep\_r: -111.8 | step: 300 | pose\_error: 0.0538 | orient\_error: 0.2982

Ep: 673 | --- | Collision: 1 | ep\_r: -105.7 | step: 300 | pose\_error: 0.2987 | orient\_error: 0.6353

Ep: 674 | --- | Collision: 0 | ep\_r: 11.3 | step: 300 | pose\_error: 0.0409 | orient\_error: 0.2428

Ep: 675 | --- | Collision: 1 | ep\_r: -39.7 | step: 300 | pose\_error: 0.0576 | orient\_error: 0.2923

Ep: 676 | --- | Collision: 1 | ep\_r: -13.2 | step: 300 | pose\_error: 0.0534 | orient\_error: 0.1486

Ep: 677 | --- | Collision: 1 | ep\_r: -0.6 | step: 300 | pose\_error: 0.0823 | orient\_error: 0.2161

Ep: 678 | --- | Collision: 1 | ep\_r: -150.1 | step: 300 | pose\_error: 0.1958 | orient\_error: 0.6365

Ep: 679 | --- | Collision: 0 | ep\_r: -14.5 | step: 300 | pose\_error: 0.1151 | orient\_error: 0.2982

Ep: 680 | --- | Collision: 0 | ep\_r: -14.0 | step: 300 | pose\_error: 0.0452 | orient\_error: 0.2877

Ep: 681 | --- | Collision: 0 | ep\_r: -1.8 | step: 300 | pose\_error: 0.0912 | orient\_error: 0.2164

Ep: 682 | --- | Collision: 0 | ep\_r: -2.7 | step: 300 | pose\_error: 0.0754 | orient\_error: 0.3042

Ep: 683 | --- | Collision: 0 | ep\_r: 4.4 | step: 300 | pose\_error: 0.0939 | orient\_error: 0.2605

Ep: 684 | --- | Collision: 0 | ep\_r: -12.5 | step: 300 | pose\_error: 0.0766 | orient\_error: 0.3098

Ep: 685 | --- | Collision: 0 | ep\_r: 14.6 | step: 300 | pose\_error: 0.0523 | orient\_error: 0.2078

Ep: 686 | --- | Collision: 0 | ep\_r: 16.4 | step: 300 | pose\_error: 0.0724 | orient\_error: 0.2148

Ep: 687 | --- | Collision: 0 | ep\_r: 9.0 | step: 300 | pose\_error: 0.0685 | orient\_error: 0.2188

Ep: 688 | --- | Collision: 0 | ep\_r: 22.9 | step: 300 | pose\_error: 0.0573 | orient\_error: 0.2047

Ep: 689 | --- | Collision: 1 | ep\_r: 33.1 | step: 300 | pose\_error: 0.0491 | orient\_error: 0.1655

Ep: 690 | --- | Collision: 0 | ep\_r: 41.8 | step: 300 | pose\_error: 0.0553 | orient\_error: 0.1286

Ep: 691 | --- | Collision: 0 | ep\_r: 43.1 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.1571

Ep: 692 | --- | Collision: 1 | ep\_r: 39.5 | step: 300 | pose\_error: 0.0387 | orient\_error: 0.1509

Ep: 693 | --- | Collision: 0 | ep\_r: 52.0 | step: 300 | pose\_error: 0.0358 | orient\_error: 0.0204

Ep: 694 | --- | Collision: 1 | ep\_r: 34.4 | step: 300 | pose\_error: 0.0339 | orient\_error: 0.0340

Ep: 695 | --- | Collision: 0 | ep\_r: 64.4 | step: 300 | pose\_error: 0.0456 | orient\_error: 0.0418

Ep: 696 | --- | Collision: 0 | ep\_r: 57.1 | step: 300 | pose\_error: 0.0367 | orient\_error: 0.0189

Ep: 697 | --- | Collision: 0 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0142

Ep: 698 | --- | Collision: 0 | ep\_r: 64.0 | step: 300 | pose\_error: 0.0372 | orient\_error: 0.0509

Ep: 699 | --- | Collision: 0 | ep\_r: 43.8 | step: 300 | pose\_error: 0.0552 | orient\_error: 0.1421

Ep: 700 | --- | Collision: 0 | ep\_r: 34.4 | step: 300 | pose\_error: 0.0658 | orient\_error: 0.1280

Ep: 701 | --- | Collision: 0 | ep\_r: 33.5 | step: 300 | pose\_error: 0.0747 | orient\_error: 0.1472

Ep: 702 | --- | Collision: 0 | ep\_r: 75.3 | step: 300 | pose\_error: 0.0311 | orient\_error: 0.0482

Ep: 703 | --- | Collision: 0 | ep\_r: 63.3 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0381

Ep: 704 | --- | Collision: 1 | ep\_r: 11.7 | step: 300 | pose\_error: 0.0434 | orient\_error: 0.1510

Ep: 705 | --- | Collision: 1 | ep\_r: -28.9 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0269

Ep: 706 | --- | Collision: 1 | ep\_r: -11.1 | step: 300 | pose\_error: 0.0706 | orient\_error: 0.1793

Ep: 707 | --- | Collision: 1 | ep\_r: -7.2 | step: 300 | pose\_error: 0.0353 | orient\_error: 0.0292

Ep: 708 | --- | Collision: 0 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0867 | orient\_error: 0.0388

Ep: 709 | --- | Collision: 1 | ep\_r: -36.3 | step: 300 | pose\_error: 0.1128 | orient\_error: 0.2065

Ep: 710 | --- | Collision: 0 | ep\_r: 28.9 | step: 300 | pose\_error: 0.0571 | orient\_error: 0.1539

Ep: 711 | --- | Collision: 0 | ep\_r: 25.6 | step: 300 | pose\_error: 0.0620 | orient\_error: 0.1209

Ep: 712 | --- | Collision: 0 | ep\_r: 44.3 | step: 300 | pose\_error: 0.0759 | orient\_error: 0.0467

Ep: 713 | --- | Collision: 0 | ep\_r: 62.7 | step: 300 | pose\_error: 0.0464 | orient\_error: 0.0531

Ep: 714 | --- | Collision: 0 | ep\_r: 71.4 | step: 300 | pose\_error: 0.0499 | orient\_error: 0.0225

Ep: 715 | --- | Collision: 0 | ep\_r: 64.0 | step: 300 | pose\_error: 0.0476 | orient\_error: 0.0223

Ep: 716 | --- | Collision: 0 | ep\_r: 73.3 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.0318

Ep: 717 | --- | Collision: 1 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0407 | orient\_error: 0.0760

Ep: 718 | --- | Collision: 0 | ep\_r: 41.7 | step: 300 | pose\_error: 0.0040 | orient\_error: 0.0425

Ep: 719 | --- | Collision: 0 | ep\_r: 74.7 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0330

Ep: 720 | --- | Collision: 0 | ep\_r: 61.4 | step: 300 | pose\_error: 0.0210 | orient\_error: 0.0519

Ep: 721 | --- | Collision: 0 | ep\_r: 69.7 | step: 300 | pose\_error: 0.0277 | orient\_error: 0.0652

Ep: 722 | --- | Collision: 0 | ep\_r: 44.0 | step: 300 | pose\_error: 0.0425 | orient\_error: 0.0884

Ep: 723 | --- | Collision: 0 | ep\_r: 43.5 | step: 300 | pose\_error: 0.0535 | orient\_error: 0.0872

Ep: 724 | --- | Collision: 1 | ep\_r: -42.0 | step: 300 | pose\_error: 0.0767 | orient\_error: 0.1876

Ep: 725 | --- | Collision: 0 | ep\_r: 43.7 | step: 300 | pose\_error: 0.0511 | orient\_error: 0.0545

Ep: 726 | --- | Collision: 0 | ep\_r: 0.9 | step: 300 | pose\_error: 0.0720 | orient\_error: 0.2469

Ep: 727 | --- | Collision: 0 | ep\_r: 34.6 | step: 300 | pose\_error: 0.0601 | orient\_error: 0.1737

Ep: 728 | --- | Collision: 0 | ep\_r: 35.3 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0903

Ep: 729 | --- | Collision: 0 | ep\_r: 44.0 | step: 300 | pose\_error: 0.0255 | orient\_error: 0.0420

Ep: 730 | --- | Collision: 0 | ep\_r: 30.6 | step: 300 | pose\_error: 0.0681 | orient\_error: 0.1118

Ep: 731 | --- | Collision: 0 | ep\_r: 51.2 | step: 300 | pose\_error: 0.0394 | orient\_error: 0.0471

Ep: 732 | --- | Collision: 1 | ep\_r: -46.1 | step: 300 | pose\_error: 0.2274 | orient\_error: 0.3351

Ep: 733 | --- | Collision: 1 | ep\_r: -35.9 | step: 300 | pose\_error: 0.2073 | orient\_error: 0.3701

Ep: 734 | --- | Collision: 0 | ep\_r: 66.6 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.1000

Ep: 735 | --- | Collision: 1 | ep\_r: 46.9 | step: 300 | pose\_error: 0.0561 | orient\_error: 0.0460

Ep: 736 | --- | Collision: 0 | ep\_r: 65.8 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0539

Ep: 737 | --- | Collision: 0 | ep\_r: 69.5 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0509

Ep: 738 | --- | Collision: 0 | ep\_r: 51.6 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.0622

Ep: 739 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0414

Ep: 740 | --- | Collision: 1 | ep\_r: 49.3 | step: 300 | pose\_error: 0.0456 | orient\_error: 0.0505

Ep: 741 | --- | Collision: 0 | ep\_r: 71.9 | step: 300 | pose\_error: 0.0317 | orient\_error: 0.0494

Ep: 742 | --- | Collision: 1 | ep\_r: 11.5 | step: 300 | pose\_error: 0.0459 | orient\_error: 0.0291

Ep: 743 | --- | Collision: 0 | ep\_r: 61.3 | step: 300 | pose\_error: 0.0524 | orient\_error: 0.0560

Ep: 744 | --- | Collision: 0 | ep\_r: 57.2 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.0514

Ep: 745 | --- | Collision: 0 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0833

Ep: 746 | --- | Collision: 0 | ep\_r: 60.0 | step: 300 | pose\_error: 0.0238 | orient\_error: 0.0719

Ep: 747 | --- | Collision: 0 | ep\_r: 67.5 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.1007

Ep: 748 | --- | Collision: 1 | ep\_r: 39.5 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.1089

Ep: 749 | --- | Collision: 1 | ep\_r: -142.2 | step: 300 | pose\_error: 0.2736 | orient\_error: 0.4703

Ep: 750 | --- | Collision: 1 | ep\_r: 58.2 | step: 300 | pose\_error: 0.0210 | orient\_error: 0.0844

Ep: 751 | --- | Collision: 0 | ep\_r: 38.7 | step: 300 | pose\_error: 0.0354 | orient\_error: 0.1009

Ep: 752 | --- | Collision: 0 | ep\_r: 48.6 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.1550

Ep: 753 | --- | Collision: 0 | ep\_r: 46.3 | step: 300 | pose\_error: 0.0416 | orient\_error: 0.1966

Ep: 754 | --- | Collision: 1 | ep\_r: -42.5 | step: 300 | pose\_error: 0.0184 | orient\_error: 0.0815

Ep: 755 | --- | Collision: 0 | ep\_r: 57.9 | step: 300 | pose\_error: 0.0433 | orient\_error: 0.0460

Ep: 756 | --- | Collision: 0 | ep\_r: 39.6 | step: 300 | pose\_error: 0.0156 | orient\_error: 0.1397

Ep: 757 | --- | Collision: 1 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.0399

Ep: 758 | --- | Collision: 1 | ep\_r: -28.6 | step: 300 | pose\_error: 0.0322 | orient\_error: 0.1596

Ep: 759 | --- | Collision: 0 | ep\_r: 25.6 | step: 300 | pose\_error: 0.0270 | orient\_error: 0.0932

Ep: 760 | --- | Collision: 0 | ep\_r: 34.1 | step: 300 | pose\_error: 0.0371 | orient\_error: 0.1400

Ep: 761 | --- | Collision: 0 | ep\_r: 71.1 | step: 300 | pose\_error: 0.0241 | orient\_error: 0.0688

Ep: 762 | --- | Collision: 0 | ep\_r: 67.4 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0270

Ep: 763 | --- | Collision: 1 | ep\_r: -96.4 | step: 300 | pose\_error: 0.2916 | orient\_error: 0.5941

Ep: 764 | --- | Collision: 0 | ep\_r: 66.1 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0213

Ep: 765 | --- | Collision: 0 | ep\_r: 81.5 | step: 300 | pose\_error: 0.0286 | orient\_error: 0.0201

Ep: 766 | --- | Collision: 0 | ep\_r: 85.0 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0091

Ep: 767 | --- | Collision: 0 | ep\_r: 54.2 | step: 300 | pose\_error: 0.0204 | orient\_error: 0.0285

Ep: 768 | --- | Collision: 0 | ep\_r: -112.3 | step: 300 | pose\_error: 0.3656 | orient\_error: 0.5636

Ep: 769 | --- | Collision: 1 | ep\_r: 44.1 | step: 300 | pose\_error: 0.0243 | orient\_error: 0.0289

Ep: 770 | --- | Collision: 0 | ep\_r: 59.9 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0201

Ep: 771 | --- | Collision: 1 | ep\_r: -123.4 | step: 300 | pose\_error: 0.3077 | orient\_error: 0.3427

Ep: 772 | --- | Collision: 1 | ep\_r: -131.2 | step: 300 | pose\_error: 0.1822 | orient\_error: 0.3016

Ep: 773 | --- | Collision: 0 | ep\_r: 25.7 | step: 300 | pose\_error: 0.0576 | orient\_error: 0.0445

Ep: 774 | --- | Collision: 1 | ep\_r: -96.3 | step: 300 | pose\_error: 0.3333 | orient\_error: 0.5452

Ep: 775 | --- | Collision: 1 | ep\_r: -78.4 | step: 300 | pose\_error: 0.2181 | orient\_error: 0.2501

Ep: 776 | --- | Collision: 1 | ep\_r: 4.0 | step: 300 | pose\_error: 0.0605 | orient\_error: 0.3789

Ep: 777 | --- | Collision: 0 | ep\_r: 60.8 | step: 300 | pose\_error: 0.0318 | orient\_error: 0.0642

Ep: 778 | --- | Collision: 1 | ep\_r: -191.3 | step: 300 | pose\_error: 0.1106 | orient\_error: 0.1969

Ep: 779 | --- | Collision: 0 | ep\_r: 79.3 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0433

Ep: 780 | --- | Collision: 1 | ep\_r: -123.1 | step: 300 | pose\_error: 0.3590 | orient\_error: 0.3161

Ep: 781 | --- | Collision: 0 | ep\_r: 70.1 | step: 300 | pose\_error: 0.0365 | orient\_error: 0.0400

Ep: 782 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0326 | orient\_error: 0.0415

Ep: 783 | --- | Collision: 0 | ep\_r: 37.2 | step: 300 | pose\_error: 0.0562 | orient\_error: 0.0572

Ep: 784 | --- | Collision: 0 | ep\_r: -3.6 | step: 300 | pose\_error: 0.0558 | orient\_error: 0.2293

Ep: 785 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0667 | orient\_error: 0.0560

Ep: 786 | --- | Collision: 1 | ep\_r: 27.0 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.0877

Ep: 787 | --- | Collision: 1 | ep\_r: 51.2 | step: 300 | pose\_error: 0.0704 | orient\_error: 0.0543

Ep: 788 | --- | Collision: 0 | ep\_r: 52.9 | step: 300 | pose\_error: 0.0360 | orient\_error: 0.0233

Ep: 789 | --- | Collision: 0 | ep\_r: 23.3 | step: 300 | pose\_error: 0.0185 | orient\_error: 0.0473

Ep: 790 | --- | Collision: 1 | ep\_r: -14.1 | step: 300 | pose\_error: 0.0660 | orient\_error: 0.2743

Ep: 791 | --- | Collision: 0 | ep\_r: 9.6 | step: 300 | pose\_error: 0.0696 | orient\_error: 0.1450

Ep: 792 | --- | Collision: 1 | ep\_r: 42.1 | step: 300 | pose\_error: 0.0272 | orient\_error: 0.0239

Ep: 793 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0208

Ep: 794 | --- | Collision: 0 | ep\_r: 42.1 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.0491

Ep: 795 | --- | Collision: 0 | ep\_r: 64.1 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.0474

Ep: 796 | --- | Collision: 0 | ep\_r: 49.5 | step: 300 | pose\_error: 0.0547 | orient\_error: 0.0794

Ep: 797 | --- | Collision: 0 | ep\_r: 21.6 | step: 300 | pose\_error: 0.0439 | orient\_error: 0.1548

Ep: 798 | --- | Collision: 0 | ep\_r: 16.3 | step: 300 | pose\_error: 0.0457 | orient\_error: 0.1391

Ep: 799 | --- | Collision: 0 | ep\_r: 72.3 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0661

Ep: 800 | --- | Collision: 0 | ep\_r: 47.7 | step: 300 | pose\_error: 0.0396 | orient\_error: 0.0794

Ep: 801 | --- | Collision: 0 | ep\_r: 58.4 | step: 300 | pose\_error: 0.0350 | orient\_error: 0.0358

Ep: 802 | --- | Collision: 0 | ep\_r: 59.5 | step: 300 | pose\_error: 0.0220 | orient\_error: 0.0387

Ep: 803 | --- | Collision: 0 | ep\_r: 70.6 | step: 300 | pose\_error: 0.0223 | orient\_error: 0.0825

Ep: 804 | --- | Collision: 0 | ep\_r: 58.7 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0520

Ep: 805 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0170 | orient\_error: 0.0737

Ep: 806 | --- | Collision: 0 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.0602

Ep: 807 | --- | Collision: 1 | ep\_r: -9.9 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0722

Ep: 808 | --- | Collision: 0 | ep\_r: 56.1 | step: 300 | pose\_error: 0.0224 | orient\_error: 0.0614

Ep: 809 | --- | Collision: 0 | ep\_r: 46.0 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0695

Ep: 810 | --- | Collision: 1 | ep\_r: 41.7 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0550

Ep: 811 | --- | Collision: 0 | ep\_r: 69.9 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.0404

Ep: 812 | --- | Collision: 0 | ep\_r: 50.5 | step: 300 | pose\_error: 0.0296 | orient\_error: 0.0406

Ep: 813 | --- | Collision: 0 | ep\_r: 33.6 | step: 300 | pose\_error: 0.0842 | orient\_error: 0.1686

Ep: 814 | --- | Collision: 0 | ep\_r: 69.0 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0605

Ep: 815 | --- | Collision: 0 | ep\_r: 49.4 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0795

Ep: 816 | --- | Collision: 0 | ep\_r: 76.2 | step: 300 | pose\_error: 0.0182 | orient\_error: 0.0152

Ep: 817 | --- | Collision: 1 | ep\_r: 62.1 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0518

Ep: 818 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0169 | orient\_error: 0.0338

Ep: 819 | --- | Collision: 0 | ep\_r: 67.0 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0502

Ep: 820 | --- | Collision: 0 | ep\_r: 45.9 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.0530

Ep: 821 | --- | Collision: 0 | ep\_r: 68.8 | step: 300 | pose\_error: 0.0021 | orient\_error: 0.0557

Ep: 822 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0139 | orient\_error: 0.0047

Ep: 823 | --- | Collision: 0 | ep\_r: 69.4 | step: 300 | pose\_error: 0.0155 | orient\_error: 0.0215

Ep: 824 | --- | Collision: 0 | ep\_r: 76.8 | step: 300 | pose\_error: 0.0170 | orient\_error: 0.0221

Ep: 825 | --- | Collision: 0 | ep\_r: 50.2 | step: 300 | pose\_error: 0.0297 | orient\_error: 0.0572

Ep: 826 | --- | Collision: 1 | ep\_r: 59.6 | step: 300 | pose\_error: 0.0282 | orient\_error: 0.0614

Ep: 827 | --- | Collision: 0 | ep\_r: 70.4 | step: 300 | pose\_error: 0.0242 | orient\_error: 0.0366

Ep: 828 | --- | Collision: 0 | ep\_r: 74.7 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0685

Ep: 829 | --- | Collision: 0 | ep\_r: 69.9 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0326

Ep: 830 | --- | Collision: 0 | ep\_r: 76.0 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0129

Ep: 831 | --- | Collision: 0 | ep\_r: 60.7 | step: 300 | pose\_error: 0.0472 | orient\_error: 0.0732

Ep: 832 | --- | Collision: 1 | ep\_r: 62.8 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.0827

Ep: 833 | --- | Collision: 1 | ep\_r: 56.8 | step: 300 | pose\_error: 0.0310 | orient\_error: 0.1200

Ep: 834 | --- | Collision: 0 | ep\_r: 58.1 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0761

Ep: 835 | --- | Collision: 1 | ep\_r: 5.1 | step: 300 | pose\_error: 0.0220 | orient\_error: 0.0852

Ep: 836 | --- | Collision: 0 | ep\_r: 48.1 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.1429

Ep: 837 | --- | Collision: 1 | ep\_r: 21.2 | step: 300 | pose\_error: 0.0230 | orient\_error: 0.2464

Ep: 838 | --- | Collision: 0 | ep\_r: 34.5 | step: 300 | pose\_error: 0.0311 | orient\_error: 0.3975

Ep: 839 | --- | Collision: 1 | ep\_r: 7.5 | step: 300 | pose\_error: 0.0333 | orient\_error: 0.4335

Ep: 840 | --- | Collision: 0 | ep\_r: 27.6 | step: 300 | pose\_error: 0.0553 | orient\_error: 0.2711

Ep: 841 | --- | Collision: 0 | ep\_r: -3.5 | step: 300 | pose\_error: 0.0371 | orient\_error: 0.3061

Ep: 842 | --- | Collision: 1 | ep\_r: -108.3 | step: 300 | pose\_error: 0.1856 | orient\_error: 0.3481

Ep: 843 | --- | Collision: 1 | ep\_r: -128.1 | step: 300 | pose\_error: 0.1461 | orient\_error: 0.6276

Ep: 844 | --- | Collision: 0 | ep\_r: 18.6 | step: 300 | pose\_error: 0.0452 | orient\_error: 0.2263

Ep: 845 | --- | Collision: 1 | ep\_r: -60.3 | step: 300 | pose\_error: 0.2978 | orient\_error: 0.3803

Ep: 846 | --- | Collision: 0 | ep\_r: 9.6 | step: 300 | pose\_error: 0.0675 | orient\_error: 0.0915

Ep: 847 | --- | Collision: 0 | ep\_r: 38.0 | step: 300 | pose\_error: 0.0501 | orient\_error: 0.1168

Ep: 848 | --- | Collision: 0 | ep\_r: 19.2 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0273

Ep: 849 | --- | Collision: 0 | ep\_r: 69.0 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.1101

Ep: 850 | --- | Collision: 0 | ep\_r: 90.2 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.0174

Ep: 851 | --- | Collision: 0 | ep\_r: 51.4 | step: 300 | pose\_error: 0.0260 | orient\_error: 0.0851

Ep: 852 | --- | Collision: 0 | ep\_r: 75.3 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.0484

Ep: 853 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.0528

Ep: 854 | --- | Collision: 0 | ep\_r: 79.2 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0388

Ep: 855 | --- | Collision: 0 | ep\_r: 58.6 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0397

Ep: 856 | --- | Collision: 0 | ep\_r: 68.8 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0414

Ep: 857 | --- | Collision: 0 | ep\_r: 91.4 | step: 300 | pose\_error: 0.0154 | orient\_error: 0.0196

Ep: 858 | --- | Collision: 0 | ep\_r: 96.4 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0173

Ep: 859 | --- | Collision: 0 | ep\_r: 79.9 | step: 300 | pose\_error: 0.0177 | orient\_error: 0.0610

Ep: 860 | --- | Collision: 0 | ep\_r: 41.0 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.0283

Ep: 861 | --- | Collision: 0 | ep\_r: 78.2 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0631

Ep: 862 | --- | Collision: 0 | ep\_r: 65.8 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0527

Ep: 863 | --- | Collision: 1 | ep\_r: 64.7 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0571

Ep: 864 | --- | Collision: 1 | ep\_r: 57.2 | step: 300 | pose\_error: 0.0265 | orient\_error: 0.0623

Ep: 865 | --- | Collision: 1 | ep\_r: -28.5 | step: 300 | pose\_error: 0.1187 | orient\_error: 0.0783

Ep: 866 | --- | Collision: 0 | ep\_r: 64.4 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0803

Ep: 867 | --- | Collision: 0 | ep\_r: 76.1 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0736

Ep: 868 | --- | Collision: 1 | ep\_r: 74.8 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.0428

Ep: 869 | --- | Collision: 0 | ep\_r: 89.8 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.0573

Ep: 870 | --- | Collision: 0 | ep\_r: 80.5 | step: 300 | pose\_error: 0.0248 | orient\_error: 0.0560

Ep: 871 | --- | Collision: 0 | ep\_r: 59.9 | step: 300 | pose\_error: 0.0380 | orient\_error: 0.0767

Ep: 872 | --- | Collision: 0 | ep\_r: 64.4 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0800

Ep: 873 | --- | Collision: 0 | ep\_r: 64.3 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0591

Ep: 874 | --- | Collision: 1 | ep\_r: -18.3 | step: 300 | pose\_error: 0.0696 | orient\_error: 0.1216

Ep: 875 | --- | Collision: 0 | ep\_r: 64.7 | step: 300 | pose\_error: 0.0279 | orient\_error: 0.0427

Ep: 876 | --- | Collision: 1 | ep\_r: 53.3 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.0115

Ep: 877 | --- | Collision: 0 | ep\_r: 73.6 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0171

Ep: 878 | --- | Collision: 0 | ep\_r: 71.6 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0456

Ep: 879 | --- | Collision: 0 | ep\_r: 42.5 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.0284

Ep: 880 | --- | Collision: 0 | ep\_r: 83.3 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.0423

Ep: 881 | --- | Collision: 0 | ep\_r: 74.4 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.0342

Ep: 882 | --- | Collision: 0 | ep\_r: 68.3 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.0297

Ep: 883 | --- | Collision: 0 | ep\_r: 67.1 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0488

Ep: 884 | --- | Collision: 0 | ep\_r: 67.4 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0208

Ep: 885 | --- | Collision: 0 | ep\_r: 77.4 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0580

Ep: 886 | --- | Collision: 0 | ep\_r: 42.7 | step: 300 | pose\_error: 0.0586 | orient\_error: 0.1659

Ep: 887 | --- | Collision: 0 | ep\_r: -2.1 | step: 300 | pose\_error: 0.0397 | orient\_error: 0.1163

Ep: 888 | --- | Collision: 0 | ep\_r: 9.7 | step: 300 | pose\_error: 0.0472 | orient\_error: 0.2463

Ep: 889 | --- | Collision: 1 | ep\_r: -44.4 | step: 300 | pose\_error: 0.0775 | orient\_error: 0.2893

Ep: 890 | --- | Collision: 1 | ep\_r: -39.7 | step: 300 | pose\_error: 0.0396 | orient\_error: 0.2593

Ep: 891 | --- | Collision: 1 | ep\_r: -15.8 | step: 300 | pose\_error: 0.1309 | orient\_error: 0.2597

Ep: 892 | --- | Collision: 1 | ep\_r: -29.6 | step: 300 | pose\_error: 0.1085 | orient\_error: 0.1996

Ep: 893 | --- | Collision: 1 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.1046

Ep: 894 | --- | Collision: 1 | ep\_r: 47.4 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0554

Ep: 895 | --- | Collision: 1 | ep\_r: 54.4 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.0914

Ep: 896 | --- | Collision: 1 | ep\_r: 35.6 | step: 300 | pose\_error: 0.0637 | orient\_error: 0.1009

Ep: 897 | --- | Collision: 0 | ep\_r: 82.4 | step: 300 | pose\_error: 0.0092 | orient\_error: 0.0451

Ep: 898 | --- | Collision: 0 | ep\_r: 65.9 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0527

Ep: 899 | --- | Collision: 0 | ep\_r: 92.8 | step: 300 | pose\_error: 0.0207 | orient\_error: 0.0958

Ep: 900 | --- | Collision: 0 | ep\_r: 83.3 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0334

Ep: 901 | --- | Collision: 0 | ep\_r: 51.4 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.1067

Ep: 902 | --- | Collision: 0 | ep\_r: 59.8 | step: 300 | pose\_error: 0.0455 | orient\_error: 0.0757

Ep: 903 | --- | Collision: 0 | ep\_r: 65.5 | step: 300 | pose\_error: 0.0277 | orient\_error: 0.0803

Ep: 904 | --- | Collision: 0 | ep\_r: 61.4 | step: 300 | pose\_error: 0.0316 | orient\_error: 0.0648

Ep: 905 | --- | Collision: 0 | ep\_r: 65.6 | step: 300 | pose\_error: 0.0210 | orient\_error: 0.0999

Ep: 906 | --- | Collision: 0 | ep\_r: 63.8 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.0931

Ep: 907 | --- | Collision: 1 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0963

Ep: 908 | --- | Collision: 0 | ep\_r: 81.8 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.0563

Ep: 909 | --- | Collision: 1 | ep\_r: -143.7 | step: 300 | pose\_error: 0.1409 | orient\_error: 0.0974

Ep: 910 | --- | Collision: 1 | ep\_r: -113.2 | step: 300 | pose\_error: 0.1545 | orient\_error: 0.4822

Ep: 911 | --- | Collision: 1 | ep\_r: -161.9 | step: 300 | pose\_error: 0.2160 | orient\_error: 0.5625

Ep: 912 | --- | Collision: 1 | ep\_r: -168.0 | step: 300 | pose\_error: 0.1802 | orient\_error: 0.4177

Ep: 913 | --- | Collision: 1 | ep\_r: -171.1 | step: 300 | pose\_error: 0.1500 | orient\_error: 0.5481

Ep: 914 | --- | Collision: 1 | ep\_r: -56.1 | step: 300 | pose\_error: 0.0435 | orient\_error: 0.0668

Ep: 915 | --- | Collision: 0 | ep\_r: -155.4 | step: 300 | pose\_error: 0.2076 | orient\_error: 0.3378

Ep: 916 | --- | Collision: 0 | ep\_r: 55.5 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0303

Ep: 917 | --- | Collision: 0 | ep\_r: 66.2 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0500

Ep: 918 | --- | Collision: 1 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0372

Ep: 919 | --- | Collision: 0 | ep\_r: 37.2 | step: 300 | pose\_error: 0.0640 | orient\_error: 0.1032

Ep: 920 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0302 | orient\_error: 0.0673

Ep: 921 | --- | Collision: 1 | ep\_r: 47.3 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.0936

Ep: 922 | --- | Collision: 0 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0432

Ep: 923 | --- | Collision: 0 | ep\_r: 54.3 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0558

Ep: 924 | --- | Collision: 1 | ep\_r: 9.7 | step: 300 | pose\_error: 0.0652 | orient\_error: 0.3661

Ep: 925 | --- | Collision: 1 | ep\_r: -15.0 | step: 300 | pose\_error: 0.0497 | orient\_error: 0.2810

Ep: 926 | --- | Collision: 0 | ep\_r: 31.4 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.2504

Ep: 927 | --- | Collision: 0 | ep\_r: 3.6 | step: 300 | pose\_error: 0.0181 | orient\_error: 0.1971

Ep: 928 | --- | Collision: 0 | ep\_r: 29.1 | step: 300 | pose\_error: 0.0374 | orient\_error: 0.2195

Ep: 929 | --- | Collision: 0 | ep\_r: 42.1 | step: 300 | pose\_error: 0.0302 | orient\_error: 0.2644

Ep: 930 | --- | Collision: 1 | ep\_r: 43.9 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0893

Ep: 931 | --- | Collision: 1 | ep\_r: 25.6 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.1245

Ep: 932 | --- | Collision: 0 | ep\_r: 20.3 | step: 300 | pose\_error: 0.0393 | orient\_error: 0.0942

Ep: 933 | --- | Collision: 0 | ep\_r: 62.0 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.0199

Ep: 934 | --- | Collision: 0 | ep\_r: 73.4 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0363

Ep: 935 | --- | Collision: 0 | ep\_r: 76.8 | step: 300 | pose\_error: 0.0066 | orient\_error: 0.0662

Ep: 936 | --- | Collision: 1 | ep\_r: 7.2 | step: 300 | pose\_error: 0.0544 | orient\_error: 0.1288

Ep: 937 | --- | Collision: 0 | ep\_r: 17.4 | step: 300 | pose\_error: 0.0676 | orient\_error: 0.1519

Ep: 938 | --- | Collision: 0 | ep\_r: 70.2 | step: 300 | pose\_error: 0.1153 | orient\_error: 0.0887

Ep: 939 | --- | Collision: 0 | ep\_r: 44.8 | step: 300 | pose\_error: 0.0373 | orient\_error: 0.1497

Ep: 940 | --- | Collision: 0 | ep\_r: 43.0 | step: 300 | pose\_error: 0.0467 | orient\_error: 0.1136

Ep: 941 | --- | Collision: 1 | ep\_r: -111.0 | step: 300 | pose\_error: 0.0884 | orient\_error: 0.5906

Ep: 942 | --- | Collision: 0 | ep\_r: 56.5 | step: 300 | pose\_error: 0.0413 | orient\_error: 0.0906

Ep: 943 | --- | Collision: 0 | ep\_r: 57.2 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.0764

Ep: 944 | --- | Collision: 0 | ep\_r: 70.6 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.0425

Ep: 945 | --- | Collision: 0 | ep\_r: 79.6 | step: 300 | pose\_error: 0.0346 | orient\_error: 0.0251

Ep: 946 | --- | Collision: 1 | ep\_r: 52.1 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0230

Ep: 947 | --- | Collision: 0 | ep\_r: 78.8 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.0205

Ep: 948 | --- | Collision: 0 | ep\_r: 77.4 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0123

Ep: 949 | --- | Collision: 0 | ep\_r: 47.8 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0392

Ep: 950 | --- | Collision: 0 | ep\_r: 81.9 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0291

Ep: 951 | --- | Collision: 0 | ep\_r: 58.7 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0188

Ep: 952 | --- | Collision: 1 | ep\_r: 64.3 | step: 300 | pose\_error: 0.0187 | orient\_error: 0.0463

Ep: 953 | --- | Collision: 1 | ep\_r: 28.7 | step: 300 | pose\_error: 0.0408 | orient\_error: 0.0376

Ep: 954 | --- | Collision: 0 | ep\_r: 74.4 | step: 300 | pose\_error: 0.0184 | orient\_error: 0.0295

Ep: 955 | --- | Collision: 0 | ep\_r: 58.6 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0472

Ep: 956 | --- | Collision: 0 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0281 | orient\_error: 0.0214

Ep: 957 | --- | Collision: 0 | ep\_r: 62.4 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0046

Ep: 958 | --- | Collision: 0 | ep\_r: 38.4 | step: 300 | pose\_error: 0.0736 | orient\_error: 0.1854

Ep: 959 | --- | Collision: 0 | ep\_r: 60.0 | step: 300 | pose\_error: 0.0370 | orient\_error: 0.0783

Ep: 960 | --- | Collision: 0 | ep\_r: 49.3 | step: 300 | pose\_error: 0.0474 | orient\_error: 0.0306

Ep: 961 | --- | Collision: 0 | ep\_r: 55.8 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0727

Ep: 962 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0025 | orient\_error: 0.0526

Ep: 963 | --- | Collision: 1 | ep\_r: 79.7 | step: 300 | pose\_error: 0.0223 | orient\_error: 0.0270

Ep: 964 | --- | Collision: 0 | ep\_r: 66.0 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0268

Ep: 965 | --- | Collision: 0 | ep\_r: 52.1 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0088

Ep: 966 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0266 | orient\_error: 0.0100

Ep: 967 | --- | Collision: 0 | ep\_r: 91.4 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0227

Ep: 968 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0224 | orient\_error: 0.0321

Ep: 969 | --- | Collision: 0 | ep\_r: 59.6 | step: 300 | pose\_error: 0.0225 | orient\_error: 0.0782

Ep: 970 | --- | Collision: 1 | ep\_r: 80.7 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0169

Ep: 971 | --- | Collision: 0 | ep\_r: 72.9 | step: 300 | pose\_error: 0.0204 | orient\_error: 0.0247

Ep: 972 | --- | Collision: 0 | ep\_r: 85.7 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0269

Ep: 973 | --- | Collision: 0 | ep\_r: 43.6 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.0267

Ep: 974 | --- | Collision: 0 | ep\_r: 60.4 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0259

Ep: 975 | --- | Collision: 1 | ep\_r: 6.3 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.1162

Ep: 976 | --- | Collision: 0 | ep\_r: 37.9 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0715

Ep: 977 | --- | Collision: 1 | ep\_r: -33.8 | step: 300 | pose\_error: 0.0375 | orient\_error: 0.1137

Ep: 978 | --- | Collision: 0 | ep\_r: 36.2 | step: 300 | pose\_error: 0.0441 | orient\_error: 0.1284

Ep: 979 | --- | Collision: 0 | ep\_r: 51.8 | step: 300 | pose\_error: 0.0591 | orient\_error: 0.0957

Ep: 980 | --- | Collision: 0 | ep\_r: 59.9 | step: 300 | pose\_error: 0.0055 | orient\_error: 0.0531

Ep: 981 | --- | Collision: 1 | ep\_r: 38.3 | step: 300 | pose\_error: 0.0185 | orient\_error: 0.1008

Ep: 982 | --- | Collision: 1 | ep\_r: 55.0 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.0759

Ep: 983 | --- | Collision: 0 | ep\_r: 72.7 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.0652

Ep: 984 | --- | Collision: 0 | ep\_r: 65.5 | step: 300 | pose\_error: 0.0310 | orient\_error: 0.0558

Ep: 985 | --- | Collision: 0 | ep\_r: 62.1 | step: 300 | pose\_error: 0.0170 | orient\_error: 0.0600

Ep: 986 | --- | Collision: 0 | ep\_r: 61.2 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0658

Ep: 987 | --- | Collision: 0 | ep\_r: 72.7 | step: 300 | pose\_error: 0.0361 | orient\_error: 0.0526

Ep: 988 | --- | Collision: 0 | ep\_r: 81.5 | step: 300 | pose\_error: 0.0387 | orient\_error: 0.0593

Ep: 989 | --- | Collision: 0 | ep\_r: 43.3 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.0377

Ep: 990 | --- | Collision: 1 | ep\_r: 61.6 | step: 300 | pose\_error: 0.0451 | orient\_error: 0.0686

Ep: 991 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.0642

Ep: 992 | --- | Collision: 0 | ep\_r: 65.2 | step: 300 | pose\_error: 0.0262 | orient\_error: 0.0779

Ep: 993 | --- | Collision: 1 | ep\_r: 48.1 | step: 300 | pose\_error: 0.0501 | orient\_error: 0.0575

Ep: 994 | --- | Collision: 1 | ep\_r: 50.8 | step: 300 | pose\_error: 0.0235 | orient\_error: 0.0480

Ep: 995 | --- | Collision: 0 | ep\_r: 56.1 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.0524

Ep: 996 | --- | Collision: 0 | ep\_r: 81.8 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.0502

Ep: 997 | --- | Collision: 0 | ep\_r: 64.2 | step: 300 | pose\_error: 0.0215 | orient\_error: 0.0590

Ep: 998 | --- | Collision: 1 | ep\_r: 45.2 | step: 300 | pose\_error: 0.0442 | orient\_error: 0.0665

Ep: 999 | --- | Collision: 1 | ep\_r: 66.6 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0376

Ep: 1000 | --- | Collision: 0 | ep\_r: 47.5 | step: 300 | pose\_error: 0.0513 | orient\_error: 0.1013

Ep: 1001 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0216 | orient\_error: 0.0806

Ep: 1002 | --- | Collision: 0 | ep\_r: 40.4 | step: 300 | pose\_error: 0.0516 | orient\_error: 0.1325

Ep: 1003 | --- | Collision: 1 | ep\_r: 52.2 | step: 300 | pose\_error: 0.0150 | orient\_error: 0.0534

Ep: 1004 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0407

Ep: 1005 | --- | Collision: 1 | ep\_r: 71.2 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0768

Ep: 1006 | --- | Collision: 1 | ep\_r: 46.7 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0443

Ep: 1007 | --- | Collision: 0 | ep\_r: -60.1 | step: 300 | pose\_error: 0.1938 | orient\_error: 0.5227

Ep: 1008 | --- | Collision: 0 | ep\_r: 48.8 | step: 300 | pose\_error: 0.0426 | orient\_error: 0.0377

Ep: 1009 | --- | Collision: 1 | ep\_r: -60.2 | step: 300 | pose\_error: 0.1598 | orient\_error: 0.2440

Ep: 1010 | --- | Collision: 1 | ep\_r: -33.1 | step: 300 | pose\_error: 0.0388 | orient\_error: 0.1333

Ep: 1011 | --- | Collision: 0 | ep\_r: -18.6 | step: 300 | pose\_error: 0.1051 | orient\_error: 0.2000

Ep: 1012 | --- | Collision: 0 | ep\_r: -62.2 | step: 300 | pose\_error: 0.0817 | orient\_error: 0.2776

Ep: 1013 | --- | Collision: 0 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.0793

Ep: 1014 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0205 | orient\_error: 0.0756

Ep: 1015 | --- | Collision: 0 | ep\_r: 50.8 | step: 300 | pose\_error: 0.0045 | orient\_error: 0.0777

Ep: 1016 | --- | Collision: 0 | ep\_r: 45.7 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0582

Ep: 1017 | --- | Collision: 0 | ep\_r: 38.7 | step: 300 | pose\_error: 0.0243 | orient\_error: 0.0631

Ep: 1018 | --- | Collision: 0 | ep\_r: 38.6 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.1220

Ep: 1019 | --- | Collision: 0 | ep\_r: 36.5 | step: 300 | pose\_error: 0.0374 | orient\_error: 0.1365

Ep: 1020 | --- | Collision: 0 | ep\_r: 44.5 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.0768

Ep: 1021 | --- | Collision: 0 | ep\_r: 49.3 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.0463

Ep: 1022 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0310 | orient\_error: 0.0138

Ep: 1023 | --- | Collision: 0 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0502 | orient\_error: 0.0684

Ep: 1024 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0172

Ep: 1025 | --- | Collision: 1 | ep\_r: 44.5 | step: 300 | pose\_error: 0.0198 | orient\_error: 0.0661

Ep: 1026 | --- | Collision: 1 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0700

Ep: 1027 | --- | Collision: 1 | ep\_r: 84.8 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0479

Ep: 1028 | --- | Collision: 1 | ep\_r: 39.1 | step: 300 | pose\_error: 0.0373 | orient\_error: 0.0561

Ep: 1029 | --- | Collision: 1 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0382 | orient\_error: 0.0294

Ep: 1030 | --- | Collision: 0 | ep\_r: 61.4 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1212

Ep: 1031 | --- | Collision: 0 | ep\_r: 36.6 | step: 300 | pose\_error: 0.0249 | orient\_error: 0.1220

Ep: 1032 | --- | Collision: 0 | ep\_r: 43.5 | step: 300 | pose\_error: 0.0775 | orient\_error: 0.1095

Ep: 1033 | --- | Collision: 1 | ep\_r: 22.3 | step: 300 | pose\_error: 0.0667 | orient\_error: 0.1014

Ep: 1034 | --- | Collision: 1 | ep\_r: -9.0 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.2111

Ep: 1035 | --- | Collision: 1 | ep\_r: 32.7 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.1260

Ep: 1036 | --- | Collision: 1 | ep\_r: 39.1 | step: 300 | pose\_error: 0.0294 | orient\_error: 0.1070

Ep: 1037 | --- | Collision: 0 | ep\_r: 50.2 | step: 300 | pose\_error: 0.0746 | orient\_error: 0.2514

Ep: 1038 | --- | Collision: 0 | ep\_r: 76.1 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.0748

Ep: 1039 | --- | Collision: 0 | ep\_r: 83.7 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.0697

Ep: 1040 | --- | Collision: 0 | ep\_r: 80.3 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0286

Ep: 1041 | --- | Collision: 0 | ep\_r: 75.1 | step: 300 | pose\_error: 0.0233 | orient\_error: 0.0899

Ep: 1042 | --- | Collision: 1 | ep\_r: 64.3 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.0961

Ep: 1043 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0577

Ep: 1044 | --- | Collision: 1 | ep\_r: 57.4 | step: 300 | pose\_error: 0.0287 | orient\_error: 0.0899

Ep: 1045 | --- | Collision: 0 | ep\_r: 82.2 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.0308

Ep: 1046 | --- | Collision: 0 | ep\_r: 76.6 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0375

Ep: 1047 | --- | Collision: 0 | ep\_r: 92.5 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0691

Ep: 1048 | --- | Collision: 1 | ep\_r: 77.8 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.0389

Ep: 1049 | --- | Collision: 1 | ep\_r: 67.0 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0270

Ep: 1050 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0323 | orient\_error: 0.0395

Ep: 1051 | --- | Collision: 0 | ep\_r: 75.3 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.0346

Ep: 1052 | --- | Collision: 1 | ep\_r: 58.9 | step: 300 | pose\_error: 0.0308 | orient\_error: 0.0315

Ep: 1053 | --- | Collision: 0 | ep\_r: 76.7 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0108

Ep: 1054 | --- | Collision: 1 | ep\_r: 6.8 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0327

Ep: 1055 | --- | Collision: 0 | ep\_r: 69.1 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0362

Ep: 1056 | --- | Collision: 1 | ep\_r: 73.2 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0146

Ep: 1057 | --- | Collision: 0 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0144

Ep: 1058 | --- | Collision: 1 | ep\_r: 85.9 | step: 300 | pose\_error: 0.0012 | orient\_error: 0.0431

Ep: 1059 | --- | Collision: 0 | ep\_r: 76.3 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0390

Ep: 1060 | --- | Collision: 0 | ep\_r: 67.1 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.0255

Ep: 1061 | --- | Collision: 0 | ep\_r: 76.1 | step: 300 | pose\_error: 0.0184 | orient\_error: 0.0123

Ep: 1062 | --- | Collision: 0 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0171 | orient\_error: 0.0424

Ep: 1063 | --- | Collision: 0 | ep\_r: 48.7 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0218

Ep: 1064 | --- | Collision: 0 | ep\_r: 55.2 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0456

Ep: 1065 | --- | Collision: 0 | ep\_r: 73.2 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0350

Ep: 1066 | --- | Collision: 1 | ep\_r: 51.7 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0444

Ep: 1067 | --- | Collision: 0 | ep\_r: 70.5 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0824

Ep: 1068 | --- | Collision: 0 | ep\_r: 59.9 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0895

Ep: 1069 | --- | Collision: 0 | ep\_r: 70.9 | step: 300 | pose\_error: 0.0267 | orient\_error: 0.0262

Ep: 1070 | --- | Collision: 0 | ep\_r: 65.0 | step: 300 | pose\_error: 0.0129 | orient\_error: 0.0490

Ep: 1071 | --- | Collision: 0 | ep\_r: 51.3 | step: 300 | pose\_error: 0.0227 | orient\_error: 0.0183

Ep: 1072 | --- | Collision: 0 | ep\_r: 70.1 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0480

Ep: 1073 | --- | Collision: 1 | ep\_r: -42.3 | step: 300 | pose\_error: 0.0491 | orient\_error: 0.1407

Ep: 1074 | --- | Collision: 0 | ep\_r: 78.4 | step: 300 | pose\_error: 0.0240 | orient\_error: 0.0761

Ep: 1075 | --- | Collision: 0 | ep\_r: 76.9 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.0559

Ep: 1076 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0209 | orient\_error: 0.0367

Ep: 1077 | --- | Collision: 0 | ep\_r: 74.8 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0575

Ep: 1078 | --- | Collision: 0 | ep\_r: 85.9 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.0643

Ep: 1079 | --- | Collision: 0 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0279 | orient\_error: 0.0526

Ep: 1080 | --- | Collision: 0 | ep\_r: 82.6 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0486

Ep: 1081 | --- | Collision: 0 | ep\_r: 71.4 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.0239

Ep: 1082 | --- | Collision: 0 | ep\_r: 70.8 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0717

Ep: 1083 | --- | Collision: 0 | ep\_r: 70.4 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0852

Ep: 1084 | --- | Collision: 0 | ep\_r: 44.1 | step: 300 | pose\_error: 0.0386 | orient\_error: 0.0653

Ep: 1085 | --- | Collision: 0 | ep\_r: 68.7 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.0432

Ep: 1086 | --- | Collision: 1 | ep\_r: -18.7 | step: 300 | pose\_error: 0.0896 | orient\_error: 0.1606

Ep: 1087 | --- | Collision: 0 | ep\_r: -19.4 | step: 300 | pose\_error: 0.0867 | orient\_error: 0.3212

Ep: 1088 | --- | Collision: 0 | ep\_r: 65.7 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0438

Ep: 1089 | --- | Collision: 0 | ep\_r: -37.5 | step: 300 | pose\_error: 0.1358 | orient\_error: 0.2391

Ep: 1090 | --- | Collision: 0 | ep\_r: 2.8 | step: 300 | pose\_error: 0.0250 | orient\_error: 0.0592

Ep: 1091 | --- | Collision: 0 | ep\_r: -1.3 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.1244

Ep: 1092 | --- | Collision: 1 | ep\_r: -34.4 | step: 300 | pose\_error: 0.1059 | orient\_error: 0.1833

Ep: 1093 | --- | Collision: 0 | ep\_r: 78.8 | step: 300 | pose\_error: 0.0289 | orient\_error: 0.0649

Ep: 1094 | --- | Collision: 1 | ep\_r: 44.3 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0497

Ep: 1095 | --- | Collision: 1 | ep\_r: 50.6 | step: 300 | pose\_error: 0.0325 | orient\_error: 0.0674

Ep: 1096 | --- | Collision: 0 | ep\_r: 48.4 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.0546

Ep: 1097 | --- | Collision: 1 | ep\_r: 48.6 | step: 300 | pose\_error: 0.0428 | orient\_error: 0.0413

Ep: 1098 | --- | Collision: 0 | ep\_r: 48.2 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0954

Ep: 1099 | --- | Collision: 0 | ep\_r: 54.7 | step: 300 | pose\_error: 0.0473 | orient\_error: 0.1225

Ep: 1100 | --- | Collision: 0 | ep\_r: 25.7 | step: 300 | pose\_error: 0.0567 | orient\_error: 0.2626

Ep: 1101 | --- | Collision: 0 | ep\_r: 46.6 | step: 300 | pose\_error: 0.0350 | orient\_error: 0.1647

Ep: 1102 | --- | Collision: 1 | ep\_r: -120.7 | step: 300 | pose\_error: 0.1192 | orient\_error: 0.6752

Ep: 1103 | --- | Collision: 0 | ep\_r: 79.4 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0401

Ep: 1104 | --- | Collision: 0 | ep\_r: 70.4 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.1100

Ep: 1105 | --- | Collision: 1 | ep\_r: 38.4 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0968

Ep: 1106 | --- | Collision: 0 | ep\_r: 44.8 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.1384

Ep: 1107 | --- | Collision: 0 | ep\_r: 30.8 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0555

Ep: 1108 | --- | Collision: 0 | ep\_r: 66.9 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0943

Ep: 1109 | --- | Collision: 1 | ep\_r: 59.8 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.0786

Ep: 1110 | --- | Collision: 0 | ep\_r: 71.2 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.0888

Ep: 1111 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0993

Ep: 1112 | --- | Collision: 0 | ep\_r: 75.9 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0974

Ep: 1113 | --- | Collision: 0 | ep\_r: 62.6 | step: 300 | pose\_error: 0.0233 | orient\_error: 0.0567

Ep: 1114 | --- | Collision: 0 | ep\_r: 60.6 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0790

Ep: 1115 | --- | Collision: 0 | ep\_r: 62.9 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0637

Ep: 1116 | --- | Collision: 0 | ep\_r: 58.8 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.0638

Ep: 1117 | --- | Collision: 0 | ep\_r: 57.9 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0959

Ep: 1118 | --- | Collision: 1 | ep\_r: -109.3 | step: 300 | pose\_error: 0.3748 | orient\_error: 0.6169

Ep: 1119 | --- | Collision: 0 | ep\_r: 61.0 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.1125

Ep: 1120 | --- | Collision: 1 | ep\_r: 39.1 | step: 300 | pose\_error: 0.0300 | orient\_error: 0.0635

Ep: 1121 | --- | Collision: 0 | ep\_r: 52.9 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.1058

Ep: 1122 | --- | Collision: 1 | ep\_r: -61.4 | step: 300 | pose\_error: 0.2277 | orient\_error: 0.2409

Ep: 1123 | --- | Collision: 0 | ep\_r: 56.8 | step: 300 | pose\_error: 0.0539 | orient\_error: 0.0599

Ep: 1124 | --- | Collision: 1 | ep\_r: 32.0 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0717

Ep: 1125 | --- | Collision: 1 | ep\_r: -117.1 | step: 300 | pose\_error: 0.1541 | orient\_error: 0.7019

Ep: 1126 | --- | Collision: 1 | ep\_r: -8.8 | step: 300 | pose\_error: 0.0907 | orient\_error: 0.0909

Ep: 1127 | --- | Collision: 0 | ep\_r: 63.4 | step: 300 | pose\_error: 0.0286 | orient\_error: 0.0502

Ep: 1128 | --- | Collision: 0 | ep\_r: 23.0 | step: 300 | pose\_error: 0.0828 | orient\_error: 0.2193

Ep: 1129 | --- | Collision: 1 | ep\_r: -39.8 | step: 300 | pose\_error: 0.0414 | orient\_error: 0.0296

Ep: 1130 | --- | Collision: 0 | ep\_r: 1.6 | step: 300 | pose\_error: 0.1536 | orient\_error: 0.4949

Ep: 1131 | --- | Collision: 0 | ep\_r: 39.3 | step: 300 | pose\_error: 0.0350 | orient\_error: 0.1410

Ep: 1132 | --- | Collision: 1 | ep\_r: -80.9 | step: 300 | pose\_error: 0.1617 | orient\_error: 0.2494

Ep: 1133 | --- | Collision: 1 | ep\_r: -122.6 | step: 300 | pose\_error: 0.1385 | orient\_error: 0.2125

Ep: 1134 | --- | Collision: 0 | ep\_r: 53.4 | step: 300 | pose\_error: 0.0228 | orient\_error: 0.0878

Ep: 1135 | --- | Collision: 1 | ep\_r: -140.7 | step: 300 | pose\_error: 0.1084 | orient\_error: 0.1126

Ep: 1136 | --- | Collision: 0 | ep\_r: 64.5 | step: 300 | pose\_error: 0.0262 | orient\_error: 0.0676

Ep: 1137 | --- | Collision: 0 | ep\_r: 62.4 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0777

Ep: 1138 | --- | Collision: 0 | ep\_r: 69.8 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0468

Ep: 1139 | --- | Collision: 0 | ep\_r: 72.3 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0444

Ep: 1140 | --- | Collision: 1 | ep\_r: 65.3 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.0675

Ep: 1141 | --- | Collision: 1 | ep\_r: 46.8 | step: 300 | pose\_error: 0.0419 | orient\_error: 0.0370

Ep: 1142 | --- | Collision: 0 | ep\_r: 43.0 | step: 300 | pose\_error: 0.0512 | orient\_error: 0.0878

Ep: 1143 | --- | Collision: 0 | ep\_r: 78.7 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0726

Ep: 1144 | --- | Collision: 0 | ep\_r: 75.0 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0472

Ep: 1145 | --- | Collision: 0 | ep\_r: 87.8 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0538

Ep: 1146 | --- | Collision: 1 | ep\_r: 45.4 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0456

Ep: 1147 | --- | Collision: 1 | ep\_r: 60.2 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.0335

Ep: 1148 | --- | Collision: 0 | ep\_r: 74.6 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0495

Ep: 1149 | --- | Collision: 0 | ep\_r: 65.2 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.1136

Ep: 1150 | --- | Collision: 0 | ep\_r: 72.8 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0227

Ep: 1151 | --- | Collision: 0 | ep\_r: 84.8 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0447

Ep: 1152 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0250

Ep: 1153 | --- | Collision: 0 | ep\_r: 75.1 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0178

Ep: 1154 | --- | Collision: 0 | ep\_r: 74.1 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0467

Ep: 1155 | --- | Collision: 0 | ep\_r: 84.0 | step: 300 | pose\_error: 0.0216 | orient\_error: 0.0188

Ep: 1156 | --- | Collision: 0 | ep\_r: 79.2 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0253

Ep: 1157 | --- | Collision: 1 | ep\_r: 76.4 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.0178

Ep: 1158 | --- | Collision: 1 | ep\_r: 78.9 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0264

Ep: 1159 | --- | Collision: 0 | ep\_r: 70.2 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0192

Ep: 1160 | --- | Collision: 0 | ep\_r: 65.5 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0335

Ep: 1161 | --- | Collision: 0 | ep\_r: 76.2 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0186

Ep: 1162 | --- | Collision: 0 | ep\_r: 80.6 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0531

Ep: 1163 | --- | Collision: 0 | ep\_r: 71.8 | step: 300 | pose\_error: 0.0214 | orient\_error: 0.0353

Ep: 1164 | --- | Collision: 0 | ep\_r: 68.3 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0287

Ep: 1165 | --- | Collision: 0 | ep\_r: 93.9 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0262

Ep: 1166 | --- | Collision: 1 | ep\_r: 30.3 | step: 300 | pose\_error: 0.0250 | orient\_error: 0.0197

Ep: 1167 | --- | Collision: 0 | ep\_r: 73.5 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0310

Ep: 1168 | --- | Collision: 0 | ep\_r: 74.0 | step: 300 | pose\_error: 0.0252 | orient\_error: 0.0402

Ep: 1169 | --- | Collision: 1 | ep\_r: 24.7 | step: 300 | pose\_error: 0.0611 | orient\_error: 0.1133

Ep: 1170 | --- | Collision: 0 | ep\_r: 64.4 | step: 300 | pose\_error: 0.0327 | orient\_error: 0.0652

Ep: 1171 | --- | Collision: 0 | ep\_r: 51.7 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0610

Ep: 1172 | --- | Collision: 1 | ep\_r: 45.3 | step: 300 | pose\_error: 0.0182 | orient\_error: 0.0638

Ep: 1173 | --- | Collision: 0 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0585

Ep: 1174 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0215 | orient\_error: 0.0571

Ep: 1175 | --- | Collision: 1 | ep\_r: 40.1 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.0968

Ep: 1176 | --- | Collision: 0 | ep\_r: 76.1 | step: 300 | pose\_error: 0.0216 | orient\_error: 0.0341

Ep: 1177 | --- | Collision: 1 | ep\_r: 72.0 | step: 300 | pose\_error: 0.0245 | orient\_error: 0.0591

Ep: 1178 | --- | Collision: 0 | ep\_r: 69.9 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.0540

Ep: 1179 | --- | Collision: 0 | ep\_r: 74.2 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.0589

Ep: 1180 | --- | Collision: 1 | ep\_r: 54.2 | step: 300 | pose\_error: 0.0196 | orient\_error: 0.0501

Ep: 1181 | --- | Collision: 0 | ep\_r: 62.6 | step: 300 | pose\_error: 0.0243 | orient\_error: 0.0619

Ep: 1182 | --- | Collision: 0 | ep\_r: 48.8 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.0678

Ep: 1183 | --- | Collision: 0 | ep\_r: 54.1 | step: 300 | pose\_error: 0.0433 | orient\_error: 0.0481

Ep: 1184 | --- | Collision: 0 | ep\_r: 58.9 | step: 300 | pose\_error: 0.0285 | orient\_error: 0.0158

Ep: 1185 | --- | Collision: 0 | ep\_r: 23.3 | step: 300 | pose\_error: 0.0573 | orient\_error: 0.0336

Ep: 1186 | --- | Collision: 1 | ep\_r: 41.4 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0551

Ep: 1187 | --- | Collision: 0 | ep\_r: 67.7 | step: 300 | pose\_error: 0.0323 | orient\_error: 0.0507

Ep: 1188 | --- | Collision: 0 | ep\_r: 63.9 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0504

Ep: 1189 | --- | Collision: 0 | ep\_r: 70.9 | step: 300 | pose\_error: 0.0302 | orient\_error: 0.0458

Ep: 1190 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0448 | orient\_error: 0.0903

Ep: 1191 | --- | Collision: 0 | ep\_r: 47.2 | step: 300 | pose\_error: 0.0405 | orient\_error: 0.0567

Ep: 1192 | --- | Collision: 0 | ep\_r: 73.9 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0447

Ep: 1193 | --- | Collision: 0 | ep\_r: 63.2 | step: 300 | pose\_error: 0.0274 | orient\_error: 0.0645

Ep: 1194 | --- | Collision: 0 | ep\_r: 64.5 | step: 300 | pose\_error: 0.0280 | orient\_error: 0.0700

Ep: 1195 | --- | Collision: 0 | ep\_r: 30.0 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0617

Ep: 1196 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0491

Ep: 1197 | --- | Collision: 1 | ep\_r: -123.6 | step: 300 | pose\_error: 0.1172 | orient\_error: 0.3541

Ep: 1198 | --- | Collision: 1 | ep\_r: 45.9 | step: 300 | pose\_error: 0.0219 | orient\_error: 0.0688

Ep: 1199 | --- | Collision: 0 | ep\_r: 3.8 | step: 300 | pose\_error: 0.0305 | orient\_error: 0.0798

Ep: 1200 | --- | Collision: 1 | ep\_r: -27.4 | step: 300 | pose\_error: 0.0475 | orient\_error: 0.0690

Ep: 1201 | --- | Collision: 0 | ep\_r: 46.2 | step: 300 | pose\_error: 0.0290 | orient\_error: 0.0826

Ep: 1202 | --- | Collision: 1 | ep\_r: -13.5 | step: 300 | pose\_error: 0.0403 | orient\_error: 0.1087

Ep: 1203 | --- | Collision: 1 | ep\_r: -63.0 | step: 300 | pose\_error: 0.0578 | orient\_error: 0.3852

Ep: 1204 | --- | Collision: 1 | ep\_r: -108.9 | step: 300 | pose\_error: 0.0694 | orient\_error: 0.1849

Ep: 1205 | --- | Collision: 0 | ep\_r: -36.1 | step: 300 | pose\_error: 0.0122 | orient\_error: 0.2456

Ep: 1206 | --- | Collision: 1 | ep\_r: -93.5 | step: 300 | pose\_error: 0.0536 | orient\_error: 0.2682

Ep: 1207 | --- | Collision: 1 | ep\_r: -42.3 | step: 300 | pose\_error: 0.0435 | orient\_error: 0.0641

Ep: 1208 | --- | Collision: 0 | ep\_r: -70.1 | step: 300 | pose\_error: 0.0331 | orient\_error: 0.1418

Ep: 1209 | --- | Collision: 0 | ep\_r: -41.7 | step: 300 | pose\_error: 0.0678 | orient\_error: 0.4543

Ep: 1210 | --- | Collision: 1 | ep\_r: 14.2 | step: 300 | pose\_error: 0.0404 | orient\_error: 0.1316

Ep: 1211 | --- | Collision: 1 | ep\_r: -108.7 | step: 300 | pose\_error: 0.1219 | orient\_error: 0.3227

Ep: 1212 | --- | Collision: 0 | ep\_r: -64.1 | step: 300 | pose\_error: 0.0785 | orient\_error: 0.3777

Ep: 1213 | --- | Collision: 0 | ep\_r: -51.7 | step: 300 | pose\_error: 0.1116 | orient\_error: 0.3517

Ep: 1214 | --- | Collision: 0 | ep\_r: -34.5 | step: 300 | pose\_error: 0.1222 | orient\_error: 0.3630

Ep: 1215 | --- | Collision: 0 | ep\_r: -22.0 | step: 300 | pose\_error: 0.0894 | orient\_error: 0.2927

Ep: 1216 | --- | Collision: 1 | ep\_r: -3.1 | step: 300 | pose\_error: 0.0374 | orient\_error: 0.0496

Ep: 1217 | --- | Collision: 0 | ep\_r: 44.6 | step: 300 | pose\_error: 0.0472 | orient\_error: 0.0247

Ep: 1218 | --- | Collision: 1 | ep\_r: -83.3 | step: 300 | pose\_error: 0.0643 | orient\_error: 0.2687

Ep: 1219 | --- | Collision: 1 | ep\_r: -38.5 | step: 300 | pose\_error: 0.1164 | orient\_error: 0.3596

Ep: 1220 | --- | Collision: 0 | ep\_r: 48.4 | step: 300 | pose\_error: 0.0688 | orient\_error: 0.0538

Ep: 1221 | --- | Collision: 1 | ep\_r: -49.5 | step: 300 | pose\_error: 0.1678 | orient\_error: 0.3596

Ep: 1222 | --- | Collision: 0 | ep\_r: 62.3 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.0507

Ep: 1223 | --- | Collision: 0 | ep\_r: 59.3 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.0823

Ep: 1224 | --- | Collision: 0 | ep\_r: 34.3 | step: 300 | pose\_error: 0.0376 | orient\_error: 0.0498

Ep: 1225 | --- | Collision: 0 | ep\_r: 57.9 | step: 300 | pose\_error: 0.0428 | orient\_error: 0.0345

Ep: 1226 | --- | Collision: 0 | ep\_r: 43.8 | step: 300 | pose\_error: 0.0312 | orient\_error: 0.0719

Ep: 1227 | --- | Collision: 1 | ep\_r: 36.7 | step: 300 | pose\_error: 0.0587 | orient\_error: 0.1394

Ep: 1228 | --- | Collision: 0 | ep\_r: 54.8 | step: 300 | pose\_error: 0.0238 | orient\_error: 0.0727

Ep: 1229 | --- | Collision: 1 | ep\_r: 54.8 | step: 300 | pose\_error: 0.0156 | orient\_error: 0.0571

Ep: 1230 | --- | Collision: 0 | ep\_r: 66.2 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.1053

Ep: 1231 | --- | Collision: 0 | ep\_r: 72.5 | step: 300 | pose\_error: 0.0338 | orient\_error: 0.0815

Ep: 1232 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.0615

Ep: 1233 | --- | Collision: 0 | ep\_r: 72.6 | step: 300 | pose\_error: 0.0289 | orient\_error: 0.0644

Ep: 1234 | --- | Collision: 0 | ep\_r: 72.1 | step: 300 | pose\_error: 0.0149 | orient\_error: 0.0467

Ep: 1235 | --- | Collision: 0 | ep\_r: 58.4 | step: 300 | pose\_error: 0.0139 | orient\_error: 0.0441

Ep: 1236 | --- | Collision: 1 | ep\_r: 15.3 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0484

Ep: 1237 | --- | Collision: 0 | ep\_r: 61.6 | step: 300 | pose\_error: 0.0174 | orient\_error: 0.0464

Ep: 1238 | --- | Collision: 0 | ep\_r: 66.2 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0696

Ep: 1239 | --- | Collision: 0 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0348

Ep: 1240 | --- | Collision: 0 | ep\_r: 66.7 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0561

Ep: 1241 | --- | Collision: 0 | ep\_r: 71.1 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.0538

Ep: 1242 | --- | Collision: 0 | ep\_r: 58.1 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.1028

Ep: 1243 | --- | Collision: 1 | ep\_r: -30.9 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0338

Ep: 1244 | --- | Collision: 0 | ep\_r: 60.0 | step: 300 | pose\_error: 0.0520 | orient\_error: 0.0735

Ep: 1245 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.1196

Ep: 1246 | --- | Collision: 0 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0335 | orient\_error: 0.1077

Ep: 1247 | --- | Collision: 0 | ep\_r: 56.6 | step: 300 | pose\_error: 0.0409 | orient\_error: 0.0571

Ep: 1248 | --- | Collision: 1 | ep\_r: -39.6 | step: 300 | pose\_error: 0.0387 | orient\_error: 0.0508

Ep: 1249 | --- | Collision: 1 | ep\_r: 30.2 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.0629

Ep: 1250 | --- | Collision: 0 | ep\_r: 29.9 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.1244

Ep: 1251 | --- | Collision: 0 | ep\_r: 69.4 | step: 300 | pose\_error: 0.0383 | orient\_error: 0.0429

Ep: 1252 | --- | Collision: 0 | ep\_r: 55.5 | step: 300 | pose\_error: 0.0356 | orient\_error: 0.0259

Ep: 1253 | --- | Collision: 0 | ep\_r: 43.3 | step: 300 | pose\_error: 0.0289 | orient\_error: 0.0257

Ep: 1254 | --- | Collision: 0 | ep\_r: 80.6 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0221

Ep: 1255 | --- | Collision: 0 | ep\_r: 71.1 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0541

Ep: 1256 | --- | Collision: 0 | ep\_r: 85.5 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0555

Ep: 1257 | --- | Collision: 0 | ep\_r: 63.5 | step: 300 | pose\_error: 0.0327 | orient\_error: 0.0655

Ep: 1258 | --- | Collision: 0 | ep\_r: 52.2 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0781

Ep: 1259 | --- | Collision: 1 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0489

Ep: 1260 | --- | Collision: 0 | ep\_r: -176.4 | step: 300 | pose\_error: 0.1764 | orient\_error: 0.4734

Ep: 1261 | --- | Collision: 1 | ep\_r: -176.6 | step: 300 | pose\_error: 0.0631 | orient\_error: 0.5794

Ep: 1262 | --- | Collision: 0 | ep\_r: 69.4 | step: 300 | pose\_error: 0.0241 | orient\_error: 0.0501

Ep: 1263 | --- | Collision: 1 | ep\_r: -168.0 | step: 300 | pose\_error: 0.3124 | orient\_error: 0.3962

Ep: 1264 | --- | Collision: 0 | ep\_r: -224.0 | step: 300 | pose\_error: 0.2082 | orient\_error: 0.7751

Ep: 1265 | --- | Collision: 0 | ep\_r: 64.1 | step: 300 | pose\_error: 0.0560 | orient\_error: 0.0549

Ep: 1266 | --- | Collision: 0 | ep\_r: 52.5 | step: 300 | pose\_error: 0.0416 | orient\_error: 0.0857

Ep: 1267 | --- | Collision: 0 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0349 | orient\_error: 0.1300

Ep: 1268 | --- | Collision: 0 | ep\_r: 61.5 | step: 300 | pose\_error: 0.0431 | orient\_error: 0.0971

Ep: 1269 | --- | Collision: 0 | ep\_r: 53.6 | step: 300 | pose\_error: 0.0650 | orient\_error: 0.1049

Ep: 1270 | --- | Collision: 0 | ep\_r: 62.2 | step: 300 | pose\_error: 0.0473 | orient\_error: 0.1053

Ep: 1271 | --- | Collision: 0 | ep\_r: 39.9 | step: 300 | pose\_error: 0.0594 | orient\_error: 0.0846

Ep: 1272 | --- | Collision: 0 | ep\_r: 56.4 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0847

Ep: 1273 | --- | Collision: 0 | ep\_r: 40.0 | step: 300 | pose\_error: 0.0765 | orient\_error: 0.1182

Ep: 1274 | --- | Collision: 0 | ep\_r: 37.5 | step: 300 | pose\_error: 0.0718 | orient\_error: 0.1605

Ep: 1275 | --- | Collision: 0 | ep\_r: 45.0 | step: 300 | pose\_error: 0.0575 | orient\_error: 0.0910

Ep: 1276 | --- | Collision: 0 | ep\_r: 19.0 | step: 300 | pose\_error: 0.0658 | orient\_error: 0.1038

Ep: 1277 | --- | Collision: 0 | ep\_r: 40.7 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0948

Ep: 1278 | --- | Collision: 0 | ep\_r: 44.4 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0898

Ep: 1279 | --- | Collision: 0 | ep\_r: -16.6 | step: 300 | pose\_error: 0.0623 | orient\_error: 0.1013

Ep: 1280 | --- | Collision: 0 | ep\_r: 46.3 | step: 300 | pose\_error: 0.0133 | orient\_error: 0.1073

Ep: 1281 | --- | Collision: 0 | ep\_r: 58.8 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0985

Ep: 1282 | --- | Collision: 0 | ep\_r: 43.2 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0880

Ep: 1283 | --- | Collision: 0 | ep\_r: 42.6 | step: 300 | pose\_error: 0.0375 | orient\_error: 0.1051

Ep: 1284 | --- | Collision: 0 | ep\_r: 49.0 | step: 300 | pose\_error: 0.0292 | orient\_error: 0.0808

Ep: 1285 | --- | Collision: 0 | ep\_r: -73.3 | step: 300 | pose\_error: 0.1035 | orient\_error: 0.1354

Ep: 1286 | --- | Collision: 1 | ep\_r: -180.1 | step: 300 | pose\_error: 0.1110 | orient\_error: 0.1728

Ep: 1287 | --- | Collision: 1 | ep\_r: -250.2 | step: 300 | pose\_error: 0.2086 | orient\_error: 0.2526

Ep: 1288 | --- | Collision: 1 | ep\_r: -160.6 | step: 300 | pose\_error: 0.1345 | orient\_error: 0.5656

Ep: 1289 | --- | Collision: 0 | ep\_r: -46.8 | step: 300 | pose\_error: 0.1160 | orient\_error: 0.2498

Ep: 1290 | --- | Collision: 1 | ep\_r: 39.8 | step: 300 | pose\_error: 0.0527 | orient\_error: 0.1838

Ep: 1291 | --- | Collision: 1 | ep\_r: 31.2 | step: 300 | pose\_error: 0.0634 | orient\_error: 0.0995

Ep: 1292 | --- | Collision: 0 | ep\_r: 55.9 | step: 300 | pose\_error: 0.0410 | orient\_error: 0.0775

Ep: 1293 | --- | Collision: 0 | ep\_r: 50.5 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.1038

Ep: 1294 | --- | Collision: 0 | ep\_r: 55.2 | step: 300 | pose\_error: 0.0375 | orient\_error: 0.0537

Ep: 1295 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0411 | orient\_error: 0.0867

Ep: 1296 | --- | Collision: 0 | ep\_r: 49.6 | step: 300 | pose\_error: 0.0159 | orient\_error: 0.0687

Ep: 1297 | --- | Collision: 0 | ep\_r: 70.0 | step: 300 | pose\_error: 0.0264 | orient\_error: 0.0810

Ep: 1298 | --- | Collision: 0 | ep\_r: 68.3 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0674

Ep: 1299 | --- | Collision: 0 | ep\_r: 65.7 | step: 300 | pose\_error: 0.0272 | orient\_error: 0.0747

Ep: 1300 | --- | Collision: 1 | ep\_r: 50.0 | step: 300 | pose\_error: 0.0149 | orient\_error: 0.0575

Ep: 1301 | --- | Collision: 0 | ep\_r: 73.9 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0542

Ep: 1302 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.0698

Ep: 1303 | --- | Collision: 0 | ep\_r: 60.4 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0805

Ep: 1304 | --- | Collision: 0 | ep\_r: 69.3 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0666

Ep: 1305 | --- | Collision: 0 | ep\_r: 65.8 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0714

Ep: 1306 | --- | Collision: 0 | ep\_r: 71.5 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0674

Ep: 1307 | --- | Collision: 0 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0167 | orient\_error: 0.0505

Ep: 1308 | --- | Collision: 1 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0239 | orient\_error: 0.0438

Ep: 1309 | --- | Collision: 0 | ep\_r: 70.1 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0435

Ep: 1310 | --- | Collision: 0 | ep\_r: 65.0 | step: 300 | pose\_error: 0.0329 | orient\_error: 0.0279

Ep: 1311 | --- | Collision: 1 | ep\_r: 57.4 | step: 300 | pose\_error: 0.0227 | orient\_error: 0.0455

Ep: 1312 | --- | Collision: 0 | ep\_r: 67.3 | step: 300 | pose\_error: 0.0241 | orient\_error: 0.1274

Ep: 1313 | --- | Collision: 0 | ep\_r: 43.2 | step: 300 | pose\_error: 0.0342 | orient\_error: 0.0903

Ep: 1314 | --- | Collision: 0 | ep\_r: 58.0 | step: 300 | pose\_error: 0.0206 | orient\_error: 0.0833

Ep: 1315 | --- | Collision: 0 | ep\_r: 60.0 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0728

Ep: 1316 | --- | Collision: 0 | ep\_r: 48.7 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0874

Ep: 1317 | --- | Collision: 0 | ep\_r: 59.8 | step: 300 | pose\_error: 0.0276 | orient\_error: 0.0717

Ep: 1318 | --- | Collision: 0 | ep\_r: 65.4 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0712

Ep: 1319 | --- | Collision: 0 | ep\_r: 48.3 | step: 300 | pose\_error: 0.0171 | orient\_error: 0.0828

Ep: 1320 | --- | Collision: 0 | ep\_r: 61.3 | step: 300 | pose\_error: 0.0492 | orient\_error: 0.0613

Ep: 1321 | --- | Collision: 0 | ep\_r: 46.4 | step: 300 | pose\_error: 0.0608 | orient\_error: 0.0709

Ep: 1322 | --- | Collision: 0 | ep\_r: 35.8 | step: 300 | pose\_error: 0.0463 | orient\_error: 0.0896

Ep: 1323 | --- | Collision: 0 | ep\_r: 39.4 | step: 300 | pose\_error: 0.0642 | orient\_error: 0.0757

Ep: 1324 | --- | Collision: 1 | ep\_r: 34.2 | step: 300 | pose\_error: 0.0716 | orient\_error: 0.0944

Ep: 1325 | --- | Collision: 1 | ep\_r: 40.5 | step: 300 | pose\_error: 0.0052 | orient\_error: 0.1844

Ep: 1326 | --- | Collision: 0 | ep\_r: 38.9 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.2261

Ep: 1327 | --- | Collision: 0 | ep\_r: 64.0 | step: 300 | pose\_error: 0.0171 | orient\_error: 0.0386

Ep: 1328 | --- | Collision: 0 | ep\_r: 48.1 | step: 300 | pose\_error: 0.0494 | orient\_error: 0.0204

Ep: 1329 | --- | Collision: 0 | ep\_r: 32.6 | step: 300 | pose\_error: 0.0489 | orient\_error: 0.0758

Ep: 1330 | --- | Collision: 0 | ep\_r: 45.1 | step: 300 | pose\_error: 0.0411 | orient\_error: 0.0667

Ep: 1331 | --- | Collision: 0 | ep\_r: 52.5 | step: 300 | pose\_error: 0.0527 | orient\_error: 0.0502

Ep: 1332 | --- | Collision: 0 | ep\_r: 41.7 | step: 300 | pose\_error: 0.0461 | orient\_error: 0.0835

Ep: 1333 | --- | Collision: 0 | ep\_r: 60.5 | step: 300 | pose\_error: 0.0272 | orient\_error: 0.0600

Ep: 1334 | --- | Collision: 0 | ep\_r: 56.4 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0571

Ep: 1335 | --- | Collision: 0 | ep\_r: 58.1 | step: 300 | pose\_error: 0.0416 | orient\_error: 0.0327

Ep: 1336 | --- | Collision: 0 | ep\_r: 63.9 | step: 300 | pose\_error: 0.0309 | orient\_error: 0.0481

Ep: 1337 | --- | Collision: 1 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0398 | orient\_error: 0.0583

Ep: 1338 | --- | Collision: 0 | ep\_r: 77.0 | step: 300 | pose\_error: 0.0393 | orient\_error: 0.0609

Ep: 1339 | --- | Collision: 0 | ep\_r: 44.3 | step: 300 | pose\_error: 0.0477 | orient\_error: 0.1099

Ep: 1340 | --- | Collision: 0 | ep\_r: 66.3 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.0516

Ep: 1341 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.0525

Ep: 1342 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0259

Ep: 1343 | --- | Collision: 0 | ep\_r: 24.6 | step: 300 | pose\_error: 0.0265 | orient\_error: 0.0777

Ep: 1344 | --- | Collision: 0 | ep\_r: 54.3 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0667

Ep: 1345 | --- | Collision: 1 | ep\_r: 40.8 | step: 300 | pose\_error: 0.0638 | orient\_error: 0.0981

Ep: 1346 | --- | Collision: 0 | ep\_r: 21.3 | step: 300 | pose\_error: 0.0701 | orient\_error: 0.1481

Ep: 1347 | --- | Collision: 0 | ep\_r: 20.3 | step: 300 | pose\_error: 0.0833 | orient\_error: 0.1245

Ep: 1348 | --- | Collision: 0 | ep\_r: 35.1 | step: 300 | pose\_error: 0.0377 | orient\_error: 0.1572

Ep: 1349 | --- | Collision: 0 | ep\_r: -29.3 | step: 300 | pose\_error: 0.1556 | orient\_error: 0.1562

Ep: 1350 | --- | Collision: 0 | ep\_r: 22.5 | step: 300 | pose\_error: 0.0417 | orient\_error: 0.1906

Ep: 1351 | --- | Collision: 0 | ep\_r: 20.3 | step: 300 | pose\_error: 0.0399 | orient\_error: 0.1175

Ep: 1352 | --- | Collision: 1 | ep\_r: 32.2 | step: 300 | pose\_error: 0.0049 | orient\_error: 0.0966

Ep: 1353 | --- | Collision: 0 | ep\_r: 48.5 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0922

Ep: 1354 | --- | Collision: 0 | ep\_r: 56.2 | step: 300 | pose\_error: 0.0256 | orient\_error: 0.0909

Ep: 1355 | --- | Collision: 0 | ep\_r: 66.2 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.1006

Ep: 1356 | --- | Collision: 0 | ep\_r: 51.5 | step: 300 | pose\_error: 0.0265 | orient\_error: 0.1224

Ep: 1357 | --- | Collision: 1 | ep\_r: 34.0 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.1372

Ep: 1358 | --- | Collision: 0 | ep\_r: 37.7 | step: 300 | pose\_error: 0.0502 | orient\_error: 0.1698

Ep: 1359 | --- | Collision: 0 | ep\_r: 30.3 | step: 300 | pose\_error: 0.0047 | orient\_error: 0.0986

Ep: 1360 | --- | Collision: 0 | ep\_r: 39.9 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.1048

Ep: 1361 | --- | Collision: 1 | ep\_r: -0.9 | step: 300 | pose\_error: 0.1277 | orient\_error: 0.1150

Ep: 1362 | --- | Collision: 1 | ep\_r: -28.9 | step: 300 | pose\_error: 0.1543 | orient\_error: 0.3064

Ep: 1363 | --- | Collision: 0 | ep\_r: 29.6 | step: 300 | pose\_error: 0.0308 | orient\_error: 0.0959

Ep: 1364 | --- | Collision: 0 | ep\_r: 69.5 | step: 300 | pose\_error: 0.0381 | orient\_error: 0.1271

Ep: 1365 | --- | Collision: 0 | ep\_r: 48.0 | step: 300 | pose\_error: 0.0326 | orient\_error: 0.0901

Ep: 1366 | --- | Collision: 1 | ep\_r: -22.9 | step: 300 | pose\_error: 0.0753 | orient\_error: 0.0915

Ep: 1367 | --- | Collision: 1 | ep\_r: 6.6 | step: 300 | pose\_error: 0.1414 | orient\_error: 0.1472

Ep: 1368 | --- | Collision: 1 | ep\_r: 6.6 | step: 300 | pose\_error: 0.1164 | orient\_error: 0.1302

Ep: 1369 | --- | Collision: 1 | ep\_r: -52.9 | step: 300 | pose\_error: 0.0951 | orient\_error: 0.4446

Ep: 1370 | --- | Collision: 0 | ep\_r: 24.0 | step: 300 | pose\_error: 0.0833 | orient\_error: 0.1279

Ep: 1371 | --- | Collision: 1 | ep\_r: 9.1 | step: 300 | pose\_error: 0.0994 | orient\_error: 0.1404

Ep: 1372 | --- | Collision: 0 | ep\_r: 44.2 | step: 300 | pose\_error: 0.0209 | orient\_error: 0.0817

Ep: 1373 | --- | Collision: 1 | ep\_r: 32.6 | step: 300 | pose\_error: 0.0533 | orient\_error: 0.2206

Ep: 1374 | --- | Collision: 1 | ep\_r: 9.1 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0755

Ep: 1375 | --- | Collision: 0 | ep\_r: 32.0 | step: 300 | pose\_error: 0.0745 | orient\_error: 0.0246

Ep: 1376 | --- | Collision: 0 | ep\_r: 38.1 | step: 300 | pose\_error: 0.0298 | orient\_error: 0.1019

Ep: 1377 | --- | Collision: 0 | ep\_r: 4.1 | step: 300 | pose\_error: 0.0842 | orient\_error: 0.2288

Ep: 1378 | --- | Collision: 0 | ep\_r: 21.4 | step: 300 | pose\_error: 0.0740 | orient\_error: 0.2580

Ep: 1379 | --- | Collision: 1 | ep\_r: 46.0 | step: 300 | pose\_error: 0.0332 | orient\_error: 0.0554

Ep: 1380 | --- | Collision: 0 | ep\_r: 20.5 | step: 300 | pose\_error: 0.0487 | orient\_error: 0.2517

Ep: 1381 | --- | Collision: 1 | ep\_r: 31.2 | step: 300 | pose\_error: 0.0548 | orient\_error: 0.0923

Ep: 1382 | --- | Collision: 0 | ep\_r: 31.6 | step: 300 | pose\_error: 0.0337 | orient\_error: 0.0950

Ep: 1383 | --- | Collision: 0 | ep\_r: 29.1 | step: 300 | pose\_error: 0.0273 | orient\_error: 0.0977

Ep: 1384 | --- | Collision: 1 | ep\_r: -40.2 | step: 300 | pose\_error: 0.0696 | orient\_error: 0.2662

Ep: 1385 | --- | Collision: 1 | ep\_r: -172.6 | step: 300 | pose\_error: 0.1000 | orient\_error: 0.2836

Ep: 1386 | --- | Collision: 1 | ep\_r: -192.4 | step: 300 | pose\_error: 0.4085 | orient\_error: 0.2998

Ep: 1387 | --- | Collision: 1 | ep\_r: -186.9 | step: 300 | pose\_error: 0.3325 | orient\_error: 0.4429

Ep: 1388 | --- | Collision: 1 | ep\_r: -216.3 | step: 300 | pose\_error: 0.3078 | orient\_error: 0.5589

Ep: 1389 | --- | Collision: 1 | ep\_r: -85.3 | step: 300 | pose\_error: 0.1954 | orient\_error: 0.3334

Ep: 1390 | --- | Collision: 1 | ep\_r: -184.3 | step: 300 | pose\_error: 0.3312 | orient\_error: 0.3901

Ep: 1391 | --- | Collision: 1 | ep\_r: -138.6 | step: 300 | pose\_error: 0.3286 | orient\_error: 0.5046

Ep: 1392 | --- | Collision: 1 | ep\_r: -197.1 | step: 300 | pose\_error: 0.2475 | orient\_error: 0.3960

Ep: 1393 | --- | Collision: 1 | ep\_r: -162.2 | step: 300 | pose\_error: 0.2739 | orient\_error: 0.4227

Ep: 1394 | --- | Collision: 1 | ep\_r: -171.0 | step: 300 | pose\_error: 0.2455 | orient\_error: 0.5162

Ep: 1395 | --- | Collision: 1 | ep\_r: -201.1 | step: 300 | pose\_error: 0.2584 | orient\_error: 0.3871

Ep: 1396 | --- | Collision: 1 | ep\_r: -187.6 | step: 300 | pose\_error: 0.2428 | orient\_error: 0.5230

Ep: 1397 | --- | Collision: 1 | ep\_r: -205.2 | step: 300 | pose\_error: 0.2122 | orient\_error: 0.4257

Ep: 1398 | --- | Collision: 1 | ep\_r: -200.7 | step: 300 | pose\_error: 0.1696 | orient\_error: 0.4947

Ep: 1399 | --- | Collision: 1 | ep\_r: -198.5 | step: 300 | pose\_error: 0.1850 | orient\_error: 0.6181

Ep: 1400 | --- | Collision: 1 | ep\_r: -174.2 | step: 300 | pose\_error: 0.2607 | orient\_error: 0.6293

Ep: 1401 | --- | Collision: 1 | ep\_r: -193.9 | step: 300 | pose\_error: 0.1605 | orient\_error: 0.3435

Ep: 1402 | --- | Collision: 1 | ep\_r: -118.7 | step: 300 | pose\_error: 0.1074 | orient\_error: 0.2614

Ep: 1403 | --- | Collision: 1 | ep\_r: -212.1 | step: 300 | pose\_error: 0.2666 | orient\_error: 0.7392

Ep: 1404 | --- | Collision: 1 | ep\_r: -74.9 | step: 300 | pose\_error: 0.1324 | orient\_error: 0.3691

Ep: 1405 | --- | Collision: 1 | ep\_r: -115.6 | step: 300 | pose\_error: 0.0751 | orient\_error: 0.3001

Ep: 1406 | --- | Collision: 1 | ep\_r: -17.8 | step: 300 | pose\_error: 0.0353 | orient\_error: 0.1079

Ep: 1407 | --- | Collision: 1 | ep\_r: -35.5 | step: 300 | pose\_error: 0.0358 | orient\_error: 0.1167

Ep: 1408 | --- | Collision: 1 | ep\_r: -49.0 | step: 300 | pose\_error: 0.0367 | orient\_error: 0.1141

Ep: 1409 | --- | Collision: 0 | ep\_r: 26.7 | step: 300 | pose\_error: 0.0228 | orient\_error: 0.1146

Ep: 1410 | --- | Collision: 1 | ep\_r: -1.2 | step: 300 | pose\_error: 0.0353 | orient\_error: 0.1139

Ep: 1411 | --- | Collision: 1 | ep\_r: -0.1 | step: 300 | pose\_error: 0.0202 | orient\_error: 0.0949

Ep: 1412 | --- | Collision: 0 | ep\_r: 32.4 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.1459

Ep: 1413 | --- | Collision: 1 | ep\_r: -224.2 | step: 300 | pose\_error: 0.1728 | orient\_error: 0.2941

Ep: 1414 | --- | Collision: 1 | ep\_r: -110.2 | step: 300 | pose\_error: 0.1824 | orient\_error: 0.3569

Ep: 1415 | --- | Collision: 0 | ep\_r: 62.3 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.1590

Ep: 1416 | --- | Collision: 0 | ep\_r: 72.0 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0734

Ep: 1417 | --- | Collision: 0 | ep\_r: 55.6 | step: 300 | pose\_error: 0.0322 | orient\_error: 0.0983

Ep: 1418 | --- | Collision: 0 | ep\_r: 52.4 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.0764

Ep: 1419 | --- | Collision: 1 | ep\_r: 57.3 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0782

Ep: 1420 | --- | Collision: 1 | ep\_r: 47.8 | step: 300 | pose\_error: 0.0231 | orient\_error: 0.0853

Ep: 1421 | --- | Collision: 1 | ep\_r: 57.3 | step: 300 | pose\_error: 0.0171 | orient\_error: 0.0511

Ep: 1422 | --- | Collision: 1 | ep\_r: 51.8 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0747

Ep: 1423 | --- | Collision: 0 | ep\_r: 69.8 | step: 300 | pose\_error: 0.0204 | orient\_error: 0.0701

Ep: 1424 | --- | Collision: 0 | ep\_r: 70.3 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0547

Ep: 1425 | --- | Collision: 1 | ep\_r: 59.2 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.0344

Ep: 1426 | --- | Collision: 0 | ep\_r: 62.0 | step: 300 | pose\_error: 0.0189 | orient\_error: 0.0438

Ep: 1427 | --- | Collision: 0 | ep\_r: 82.8 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0359

Ep: 1428 | --- | Collision: 0 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0263 | orient\_error: 0.0603

Ep: 1429 | --- | Collision: 0 | ep\_r: 82.4 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0439

Ep: 1430 | --- | Collision: 0 | ep\_r: 76.0 | step: 300 | pose\_error: 0.0036 | orient\_error: 0.0627

Ep: 1431 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0122 | orient\_error: 0.0994

Ep: 1432 | --- | Collision: 0 | ep\_r: 67.5 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0852

Ep: 1433 | --- | Collision: 0 | ep\_r: 17.0 | step: 300 | pose\_error: 0.0806 | orient\_error: 0.1057

Ep: 1434 | --- | Collision: 0 | ep\_r: 24.4 | step: 300 | pose\_error: 0.0353 | orient\_error: 0.0818

Ep: 1435 | --- | Collision: 0 | ep\_r: 30.7 | step: 300 | pose\_error: 0.0425 | orient\_error: 0.0957

Ep: 1436 | --- | Collision: 0 | ep\_r: 41.0 | step: 300 | pose\_error: 0.0517 | orient\_error: 0.1020

Ep: 1437 | --- | Collision: 0 | ep\_r: 45.7 | step: 300 | pose\_error: 0.0485 | orient\_error: 0.1156

Ep: 1438 | --- | Collision: 1 | ep\_r: 20.8 | step: 300 | pose\_error: 0.0399 | orient\_error: 0.1129

Ep: 1439 | --- | Collision: 0 | ep\_r: 42.3 | step: 300 | pose\_error: 0.0513 | orient\_error: 0.1373

Ep: 1440 | --- | Collision: 1 | ep\_r: 29.7 | step: 300 | pose\_error: 0.0404 | orient\_error: 0.1292

Ep: 1441 | --- | Collision: 0 | ep\_r: -0.5 | step: 300 | pose\_error: 0.0535 | orient\_error: 0.3791

Ep: 1442 | --- | Collision: 0 | ep\_r: -30.4 | step: 300 | pose\_error: 0.1225 | orient\_error: 0.5161

Ep: 1443 | --- | Collision: 1 | ep\_r: -40.5 | step: 300 | pose\_error: 0.0720 | orient\_error: 0.3556

Ep: 1444 | --- | Collision: 1 | ep\_r: -81.7 | step: 300 | pose\_error: 0.1172 | orient\_error: 0.4302

Ep: 1445 | --- | Collision: 1 | ep\_r: -14.1 | step: 300 | pose\_error: 0.1337 | orient\_error: 0.4218

Ep: 1446 | --- | Collision: 1 | ep\_r: 20.9 | step: 300 | pose\_error: 0.0648 | orient\_error: 0.2587

Ep: 1447 | --- | Collision: 0 | ep\_r: 56.1 | step: 300 | pose\_error: 0.0207 | orient\_error: 0.0858

Ep: 1448 | --- | Collision: 0 | ep\_r: 58.3 | step: 300 | pose\_error: 0.0445 | orient\_error: 0.0976

Ep: 1449 | --- | Collision: 0 | ep\_r: 56.1 | step: 300 | pose\_error: 0.0400 | orient\_error: 0.0918

Ep: 1450 | --- | Collision: 0 | ep\_r: 65.5 | step: 300 | pose\_error: 0.0330 | orient\_error: 0.0613

Ep: 1451 | --- | Collision: 0 | ep\_r: 55.7 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.0765

Ep: 1452 | --- | Collision: 0 | ep\_r: 61.2 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0920

Ep: 1453 | --- | Collision: 0 | ep\_r: 15.8 | step: 300 | pose\_error: 0.0258 | orient\_error: 0.1429

Ep: 1454 | --- | Collision: 0 | ep\_r: 61.2 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0836

Ep: 1455 | --- | Collision: 0 | ep\_r: 7.0 | step: 300 | pose\_error: 0.0527 | orient\_error: 0.0535

Ep: 1456 | --- | Collision: 0 | ep\_r: 60.0 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0504

Ep: 1457 | --- | Collision: 0 | ep\_r: 57.2 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.0866

Ep: 1458 | --- | Collision: 0 | ep\_r: 77.7 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0756

Ep: 1459 | --- | Collision: 0 | ep\_r: -36.8 | step: 300 | pose\_error: 0.1319 | orient\_error: 0.1578

Ep: 1460 | --- | Collision: 0 | ep\_r: 24.3 | step: 300 | pose\_error: 0.0763 | orient\_error: 0.3214

Ep: 1461 | --- | Collision: 0 | ep\_r: 36.5 | step: 300 | pose\_error: 0.0320 | orient\_error: 0.2186

Ep: 1462 | --- | Collision: 1 | ep\_r: 45.8 | step: 300 | pose\_error: 0.0564 | orient\_error: 0.2083

Ep: 1463 | --- | Collision: 0 | ep\_r: 41.6 | step: 300 | pose\_error: 0.0315 | orient\_error: 0.1808

Ep: 1464 | --- | Collision: 0 | ep\_r: 60.3 | step: 300 | pose\_error: 0.0217 | orient\_error: 0.0576

Ep: 1465 | --- | Collision: 0 | ep\_r: 42.2 | step: 300 | pose\_error: 0.0283 | orient\_error: 0.0592

Ep: 1466 | --- | Collision: 1 | ep\_r: -37.3 | step: 300 | pose\_error: 0.0909 | orient\_error: 0.4229

Ep: 1467 | --- | Collision: 0 | ep\_r: 44.8 | step: 300 | pose\_error: 0.0293 | orient\_error: 0.1462

Ep: 1468 | --- | Collision: 0 | ep\_r: 42.6 | step: 300 | pose\_error: 0.0438 | orient\_error: 0.2164

Ep: 1469 | --- | Collision: 0 | ep\_r: 57.1 | step: 300 | pose\_error: 0.0397 | orient\_error: 0.0685

Ep: 1470 | --- | Collision: 0 | ep\_r: 50.9 | step: 300 | pose\_error: 0.0535 | orient\_error: 0.0757

Ep: 1471 | --- | Collision: 0 | ep\_r: 59.6 | step: 300 | pose\_error: 0.0391 | orient\_error: 0.0578

Ep: 1472 | --- | Collision: 1 | ep\_r: -189.9 | step: 300 | pose\_error: 0.3727 | orient\_error: 0.6941

Ep: 1473 | --- | Collision: 1 | ep\_r: -208.2 | step: 300 | pose\_error: 0.1393 | orient\_error: 0.6903

Ep: 1474 | --- | Collision: 1 | ep\_r: -97.5 | step: 300 | pose\_error: 0.1555 | orient\_error: 0.1931

Ep: 1475 | --- | Collision: 1 | ep\_r: -179.0 | step: 300 | pose\_error: 0.1603 | orient\_error: 0.2498

Ep: 1476 | --- | Collision: 0 | ep\_r: 48.5 | step: 300 | pose\_error: 0.0584 | orient\_error: 0.0588

Ep: 1477 | --- | Collision: 1 | ep\_r: -18.1 | step: 300 | pose\_error: 0.0644 | orient\_error: 0.3312

Ep: 1478 | --- | Collision: 0 | ep\_r: 64.1 | step: 300 | pose\_error: 0.0394 | orient\_error: 0.0510

Ep: 1479 | --- | Collision: 1 | ep\_r: -156.7 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.5725

Ep: 1480 | --- | Collision: 0 | ep\_r: -49.3 | step: 300 | pose\_error: 0.1105 | orient\_error: 0.1610

Ep: 1481 | --- | Collision: 1 | ep\_r: 56.3 | step: 300 | pose\_error: 0.0521 | orient\_error: 0.1005

Ep: 1482 | --- | Collision: 1 | ep\_r: -72.2 | step: 300 | pose\_error: 0.1594 | orient\_error: 0.4618

Ep: 1483 | --- | Collision: 0 | ep\_r: -16.5 | step: 300 | pose\_error: 0.1561 | orient\_error: 0.0797

Ep: 1484 | --- | Collision: 1 | ep\_r: 38.2 | step: 300 | pose\_error: 0.0319 | orient\_error: 0.0676

Ep: 1485 | --- | Collision: 0 | ep\_r: 38.2 | step: 300 | pose\_error: 0.0596 | orient\_error: 0.1108

Ep: 1486 | --- | Collision: 0 | ep\_r: 46.0 | step: 300 | pose\_error: 0.0416 | orient\_error: 0.1896

Ep: 1487 | --- | Collision: 0 | ep\_r: -39.5 | step: 300 | pose\_error: 0.1754 | orient\_error: 0.1388

Ep: 1488 | --- | Collision: 0 | ep\_r: 31.3 | step: 300 | pose\_error: 0.0304 | orient\_error: 0.1855

Ep: 1489 | --- | Collision: 0 | ep\_r: -19.8 | step: 300 | pose\_error: 0.1199 | orient\_error: 0.3010

Ep: 1490 | --- | Collision: 0 | ep\_r: 21.1 | step: 300 | pose\_error: 0.1175 | orient\_error: 0.2708

Ep: 1491 | --- | Collision: 1 | ep\_r: -60.9 | step: 300 | pose\_error: 0.1069 | orient\_error: 0.1152

Ep: 1492 | --- | Collision: 0 | ep\_r: 36.1 | step: 300 | pose\_error: 0.0390 | orient\_error: 0.0987

Ep: 1493 | --- | Collision: 1 | ep\_r: -10.8 | step: 300 | pose\_error: 0.1407 | orient\_error: 0.0695

Ep: 1494 | --- | Collision: 1 | ep\_r: -21.5 | step: 300 | pose\_error: 0.0937 | orient\_error: 0.4315

Ep: 1495 | --- | Collision: 1 | ep\_r: 53.2 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0974

Ep: 1496 | --- | Collision: 1 | ep\_r: 62.2 | step: 300 | pose\_error: 0.0148 | orient\_error: 0.0901

Ep: 1497 | --- | Collision: 1 | ep\_r: -224.8 | step: 300 | pose\_error: 0.3196 | orient\_error: 0.3053

Ep: 1498 | --- | Collision: 1 | ep\_r: -120.0 | step: 300 | pose\_error: 0.0328 | orient\_error: 0.1190

Ep: 1499 | --- | Collision: 1 | ep\_r: 29.3 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.1413

Ep: 1500 | --- | Collision: 1 | ep\_r: -8.7 | step: 300 | pose\_error: 0.0346 | orient\_error: 0.1427