

Performance tests

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Run `plot_performance_tests.py` in the `plots` folder to plot performance graphs

From the graphs, the point of deviation of desired and true frequency rates is:

1. Combination 1 (C++ publisher to Python subscriber) – 10000 Hz
2. Combination 2 (C++ publisher to C++ subscriber) – 2000 Hz
3. Combination 3 (Python publisher to Python subscriber) – 1000 Hz
4. Combination 4 (Python publisher to C++ subscriber) – 800Hz

Thus from the above, C++ is faster than python in ROS.