Performance cyclonedds

Latencies

Resource usage (man getrusage)
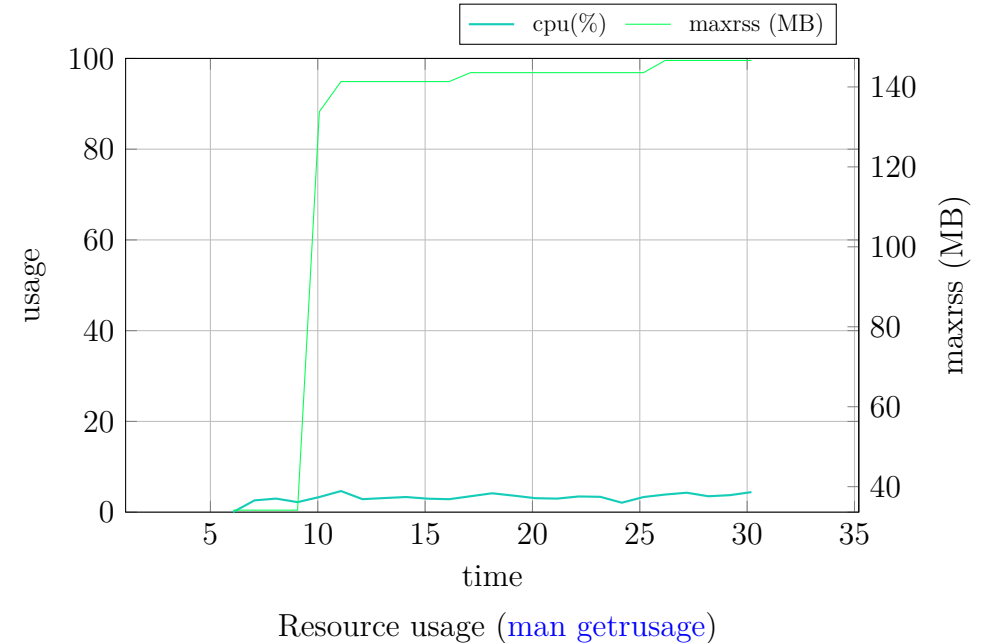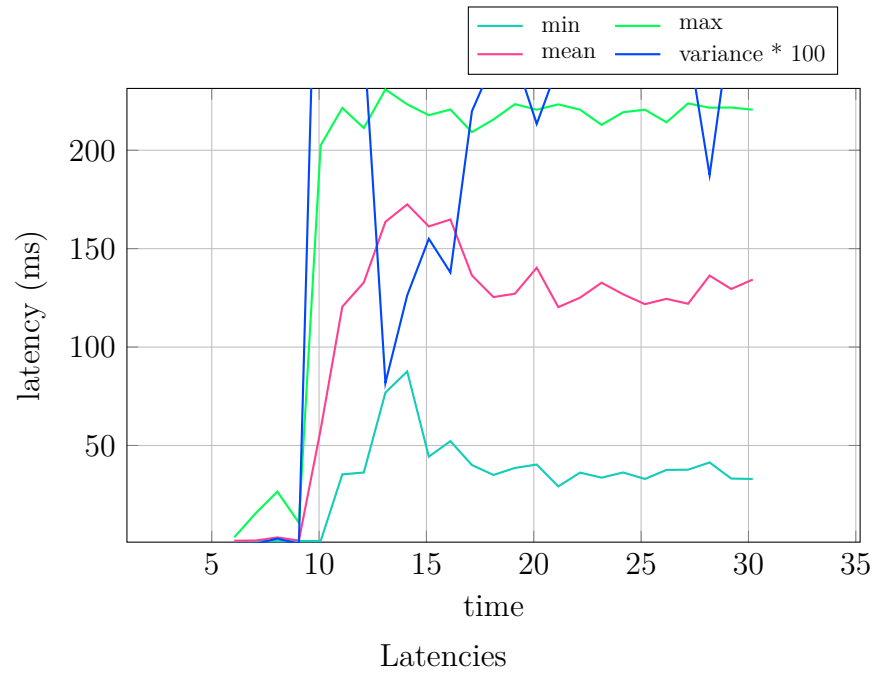
test setup			average results			environment	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	500		T_loop	1.0061		Memory check enabled	0
Topic name	PointCloud1m		received	443.6		Msg name	PointCloud1m
Number of publishers	0		sent	0.0		QOS Durability	VOLATILE
Number of subscribers	1		lost	54.2		QOS History depth	100
Maximum runtime (sec)	30		data_received	466787528.92		QOS History kind	KEEP_LAST
DDS domain id	0		latency_min (ms)	33.7921		QOS Reliability	RELIABLE
Single participant	-		latency_max (ms)	186.0674		QOS Sync. pub/sub	0
			latency_mean (ms)	111.3767		RMW Implementation	rmw_cyclonedds_cpp
			latency_variance (ms)	1.9232		Roundtrip Mode	NONE
			pub_loop_res_min (ms)	inf		With security	0
			pub_loop_res_max (ms)	-inf		Zero copy transfer	0
			pub_loop_res_mean (ms)	0.0			
			pub_loop_res_variance (ms)	0.0			
			sub_loop_res_min (ms)	0.0			
			sub_loop_res_max (ms)	0.0			
			sub_loop_res_mean (ms)	0.0			
			sub_loop_res_variance (ms)	0.0			
			cpu_usage (%)	3.2139			
			max_ram_usage (MB)	146.63			