Performance cyclonedds
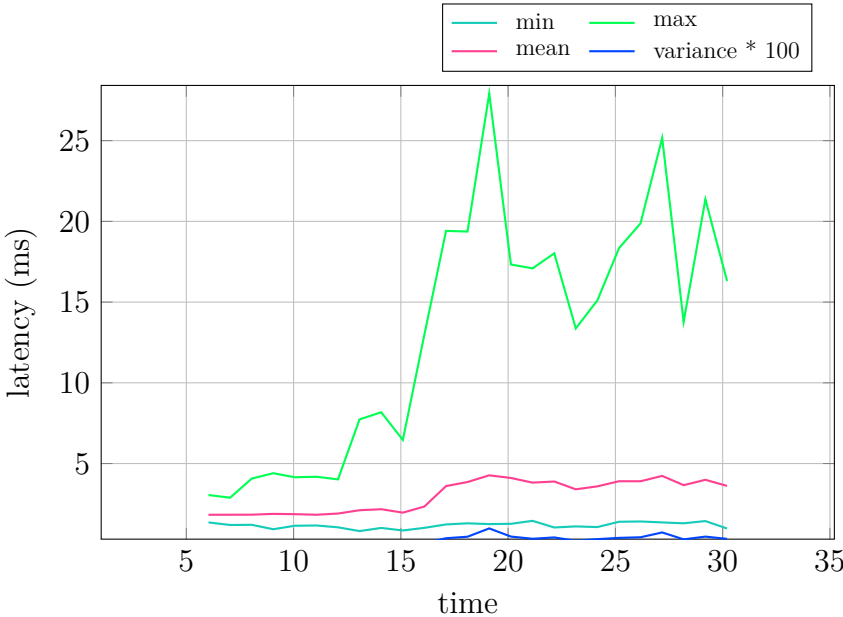
Latencies
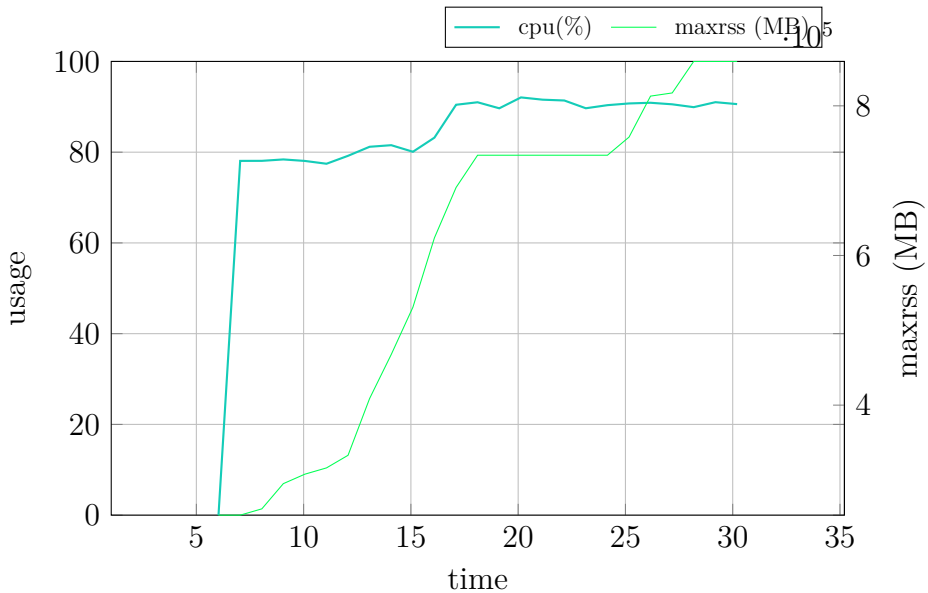
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2fc8cc2-dirty	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0068	Memory check enabled	0
Topic name	PointCloud4m	received	4930.8	Msg name	PointCloud4m
Number of publishers	1	sent	493.08	QOS Durability	VOLATILE
Number of subscribers	10	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	20718223082.64	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	1.1731	QOS Sync. pub/sub	0
		latency_max (ms)	12.9821	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	3.0157	Roundtrip Mode	NONE
		latency_variance (ms)	0.0026	With security	0
		pub_loop_res_min (ms)	-91.1278	Zero copy transfer	0
		pub_loop_res_max (ms)	-74.9738		
		pub_loop_res_mean (ms)	-83.205		
		pub_loop_res_variance (ms)	0.033		
		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 (%)	82.6084		
		max_ram_usage (MB)	859357.18		