Performance cyclonedds
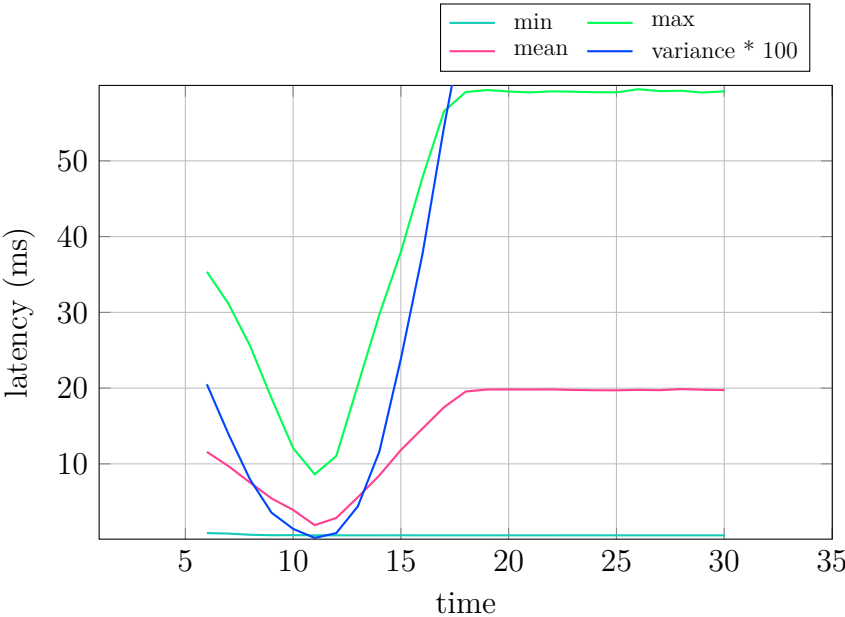
Latencies

Resource usage (man getrusage)
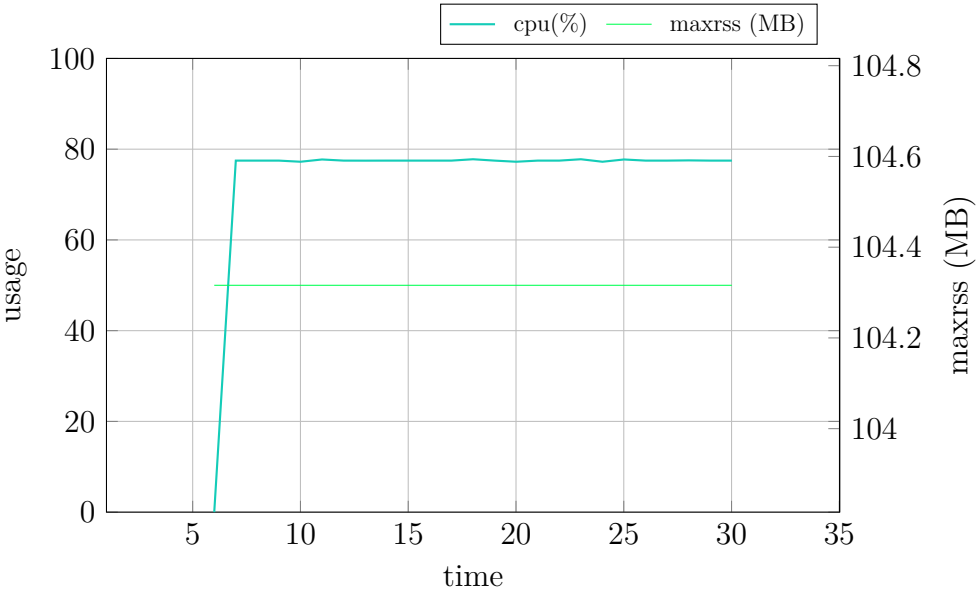
test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0001	Memory check enabled	0
Topic name	Struct32k	received	5163.2	Msg name	Struct32k
Number of publishers	1	sent	1724.08	QOS Durability	VOLATILE
Number of subscribers	3	lost	7.08	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0048	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	349789496.8	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.5908	QOS Sync. pub/sub	0
		latency_max (ms)	44.1662	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	14.3178	Roundtrip Mode	NONE
		latency_variance (ms)	0.4414	With security	0
		pub_loop_res_min (ms)	-18024.76	Zero copy transfer	0
		pub_loop_res_max (ms)	9223000000000.0		
		pub_loop_res_mean (ms)	4611920000000.0		
		pub_loop_res_variance (ms)	2.127e+22		
		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 (%)	74.3964		
		max_ram_usage (MB)	104.32		