Performance cyclonedds
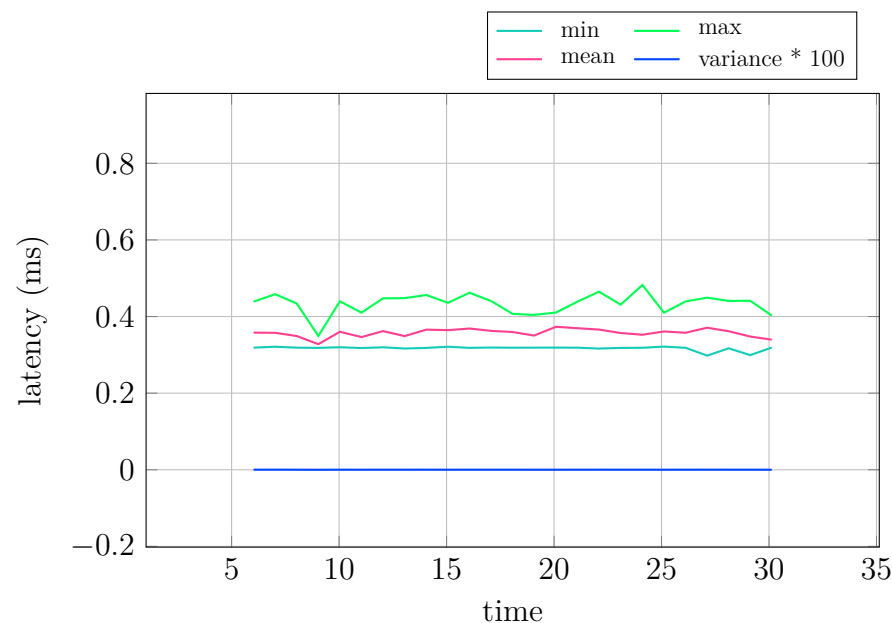
Latencies

Resource usage (man getrusage)
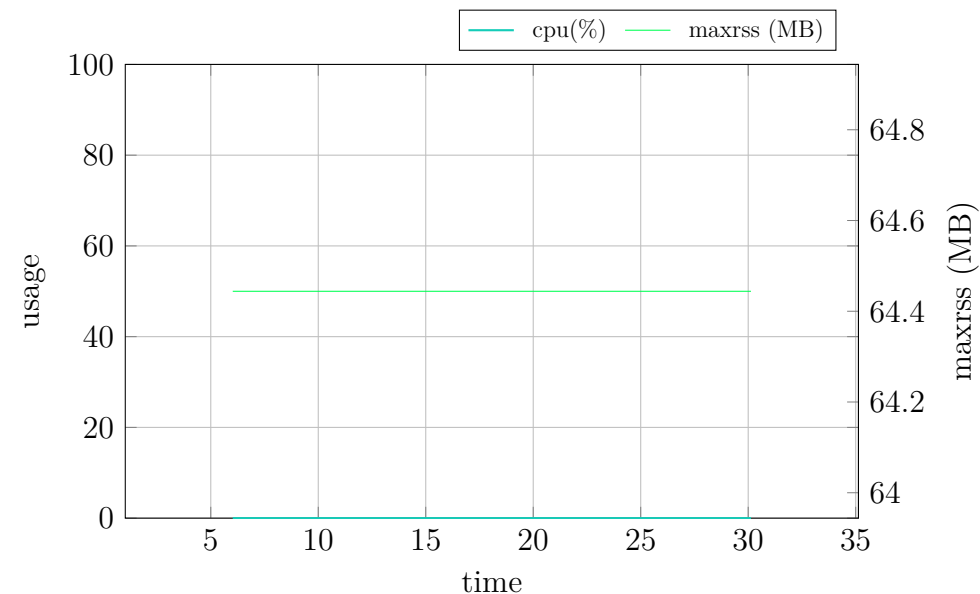
test setup		**average results**		**environment**	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	20	T_loop	1.0044	Memory check enabled	0
Topic name	Struct32k	received	19.08	Msg name	Struct32k
Number of publishers	1	sent	19.08	QOS Durability	VOLATILE
Number of subscribers	1	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	1354023.92	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.3172	QOS Sync. pub/sub	0
		latency_max (ms)	0.4337	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.3575	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	34.22	Zero copy transfer	0
		pub_loop_res_max (ms)	47.9956		
		pub_loop_res_mean (ms)	41.144		
		pub_loop_res_variance (ms)	0.0201		
		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 (%)	0.0		
		max_ram_usage (MB)	64.44		