Performance cyclonedds
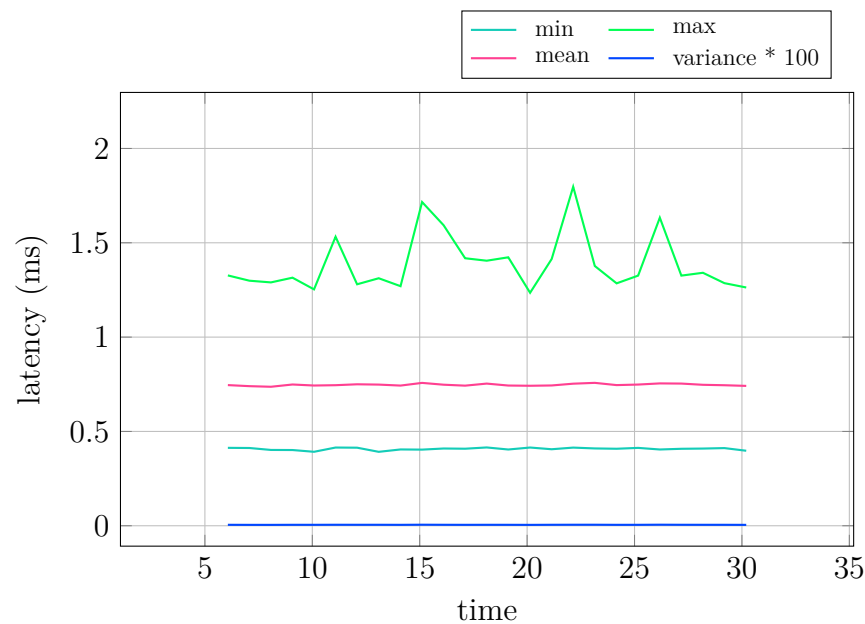
Latencies
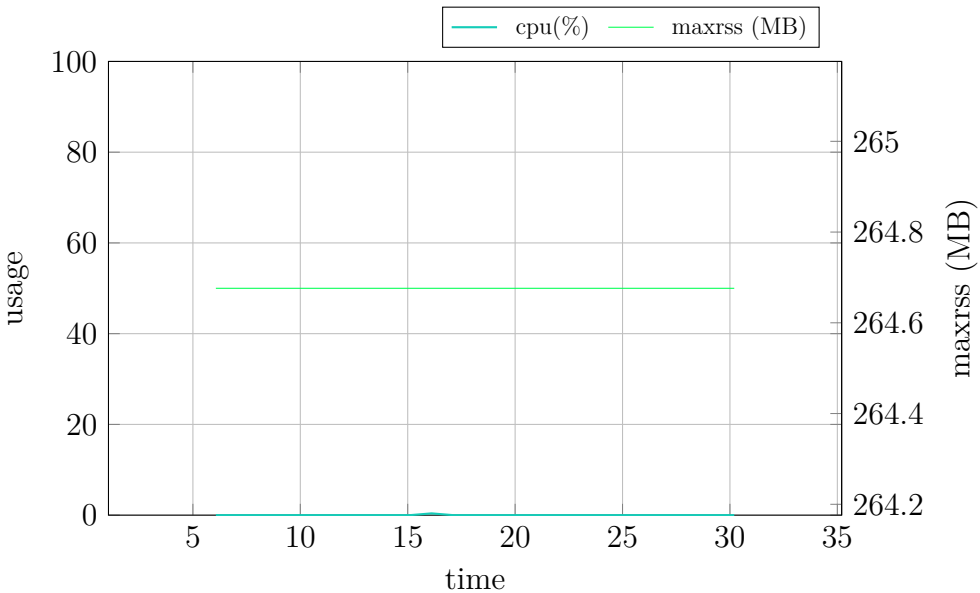
Resource usage (man getrusage)

test setup			average results			environment	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	100		T_loop	1.0058		Memory check enabled	0
Topic name	Struct32k		received	993.6		Msg name	Struct32k
Number of publishers	0		sent	0.0		QOS Durability	VOLATILE
Number of subscribers	10		lost	0.0		QOS History depth	100
Maximum runtime (sec)	30		data_received	67734113.08		QOS History kind	KEEP_LAST
DDS domain id	0		latency_min (ms)	0.4073		QOS Reliability	RELIABLE
Single participant	-		latency_max (ms)	1.3886		QOS Sync. pub/sub	0
			latency_mean (ms)	0.7471		RMW Implementation	rmw_cyclonedds_cpp
			latency_variance (ms)	0.0001		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 (%)	0.0156			
			max_ram_usage (MB)	264.68			