Performance cyclonedds
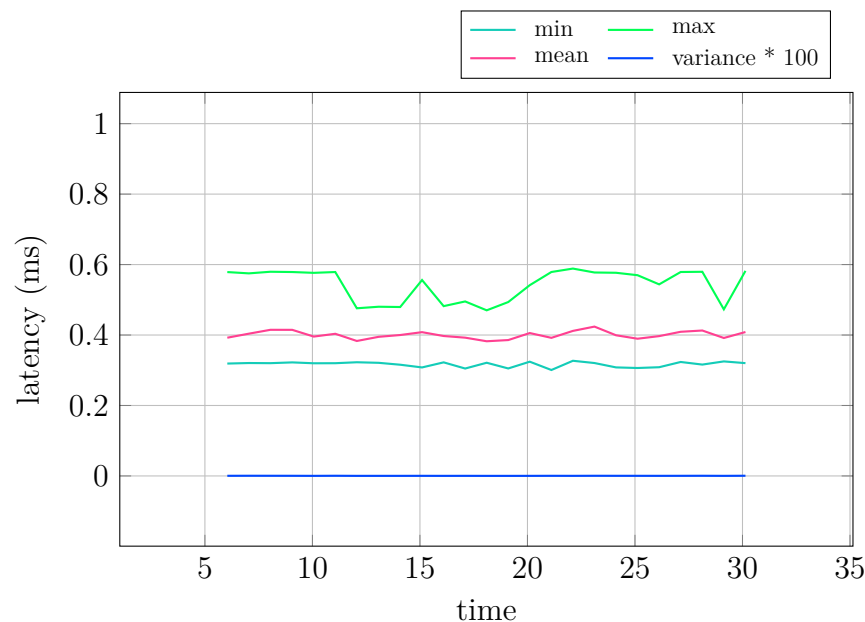
Latencies
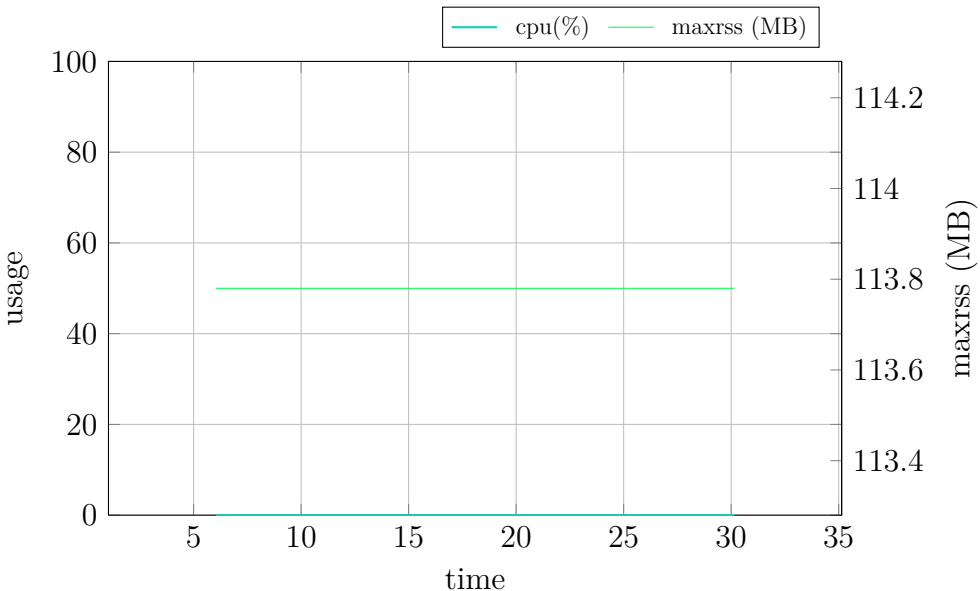
Resource usage (man getrusage)

test setup			average results			environment	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	20		T_loop	1.004		Memory check enabled	0
Topic name	Struct32k		received	57.24		Msg name	Struct32k
Number of publishers	1		sent	19.08		QOS Durability	VOLATILE
Number of subscribers	3		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	4063336.08		QOS Reliability	RELIABLE
Single participant	-		latency_min (ms)	0.3169		QOS Sync. pub/sub	0
			latency_max (ms)	0.5436		RMW Implementation	rmw_cyclonedds_cpp
			latency_mean (ms)	0.4004		Roundtrip Mode	NONE
			latency_variance (ms)	0.0		With security	0
			pub_loop_res_min (ms)	34.376		Zero copy transfer	0
			pub_loop_res_max (ms)	48.146			
			pub_loop_res_mean (ms)	41.2604			
			pub_loop_res_variance (ms)	0.02			
			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)	113.78			