

Sheet1

PopCount -O0	0	1	2	3
popcount1 (en lenguaje C for)	166931	161186	161688	162479
popcount2 (en lenguaje C whi)	65561	65439	65708	65628
popcount3 (Ahorrando máscara)	28076	28791	28865	27483
popcount4 (Sumando bytes completos)	36225	36440	36240	36304
popcount5 (SSSE3)	1654	1661	1737	1735
popcount6 (SSSE4.2)	5604	5614	5580	5597
popcount7 (SSSE4.2 64b)	4927	3880	3881	3924

PopCount -O1	0	1	2	3
popcount1 (en lenguaje C for)	54810	61334	60078	61557
popcount2 (en lenguaje C whi)	18975	19032	18989	18284
popcount3 (Ahorrando máscara)	18878	19050	18918	18891
popcount4 (Sumando bytes completos)	10110	10166	10211	10242
popcount5 (SSSE3)	976	983	1010	1093
popcount6 (SSSE4.2)	1076	1052	1057	1074
popcount7 (SSSE4.2 64b)	850	856	884	874

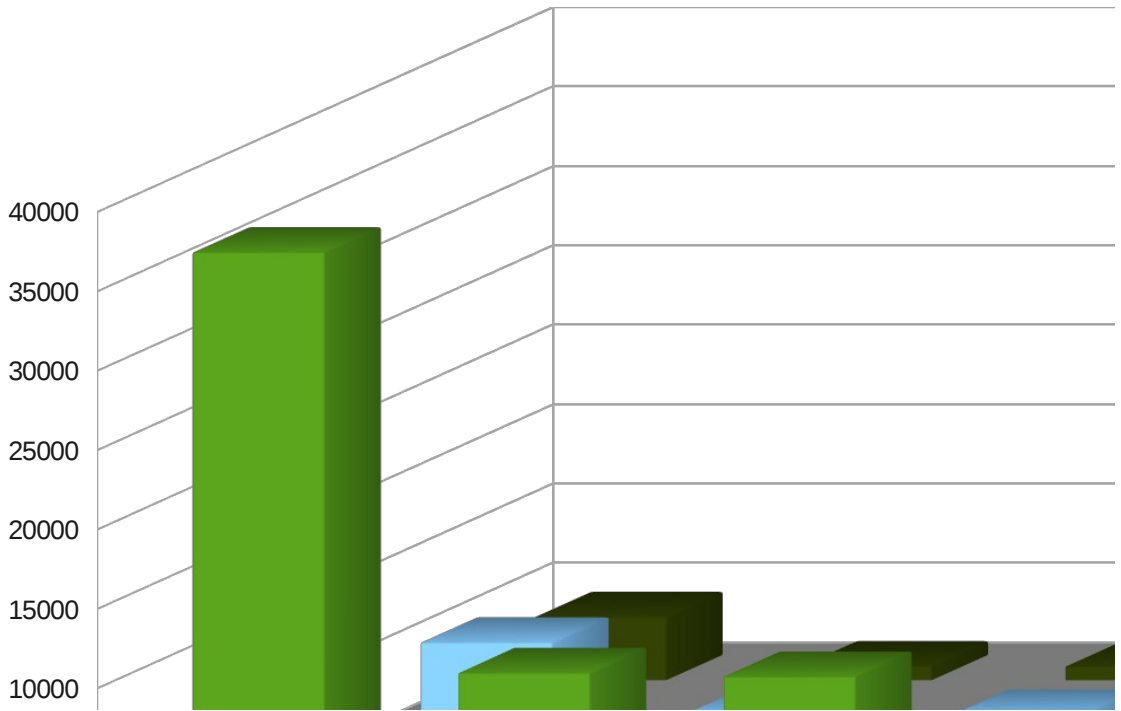
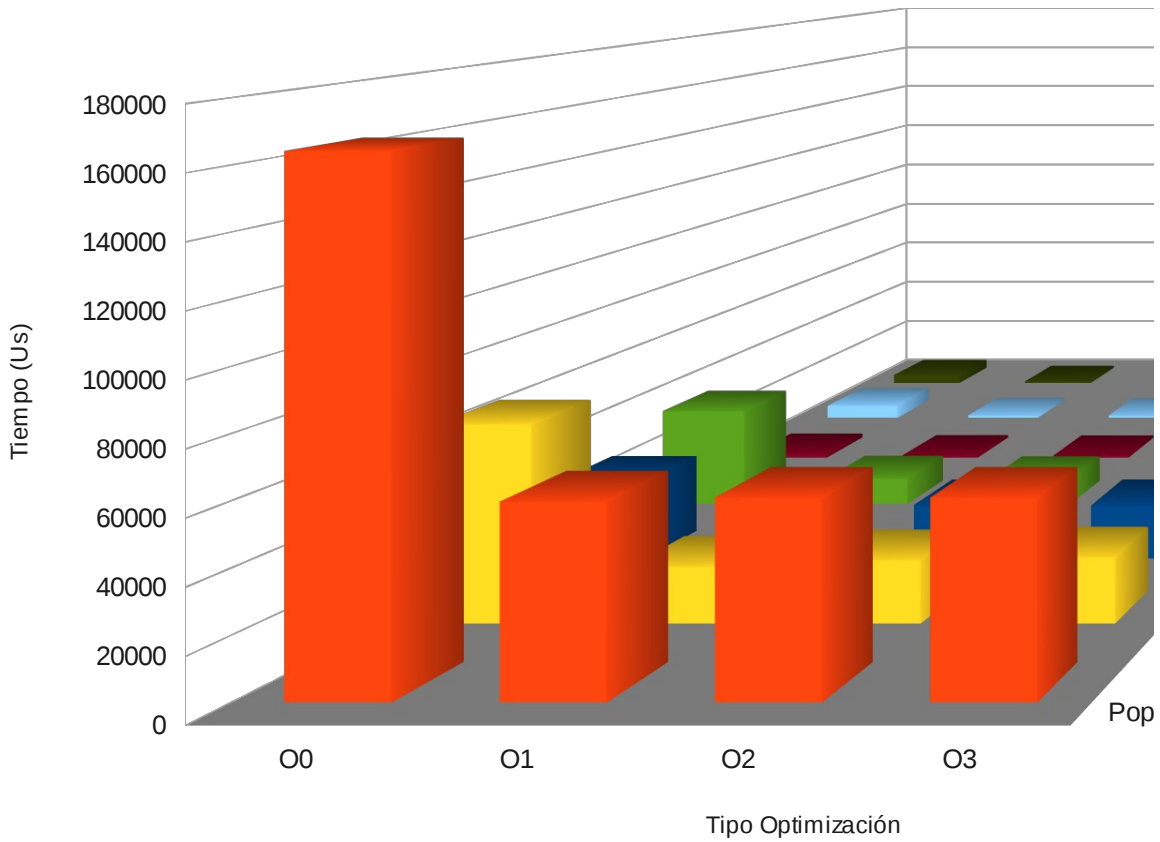
PopCount -O2	0	1	2	3
popcount1 (en lenguaje C for)	62463	57764	62375	64551
popcount2 (en lenguaje C whi)	20175	23306	20173	23043
popcount3 (Ahorrando máscara)	19331	19353	19348	19355
popcount4 (Sumando bytes completos)	9876	9881	9884	9898
popcount5 (SSSE3)	941	938	950	941
popcount6 (SSSE4.2)	1039	1042	1067	1041
popcount7 (SSSE4.2 64b)	868	861	877	890

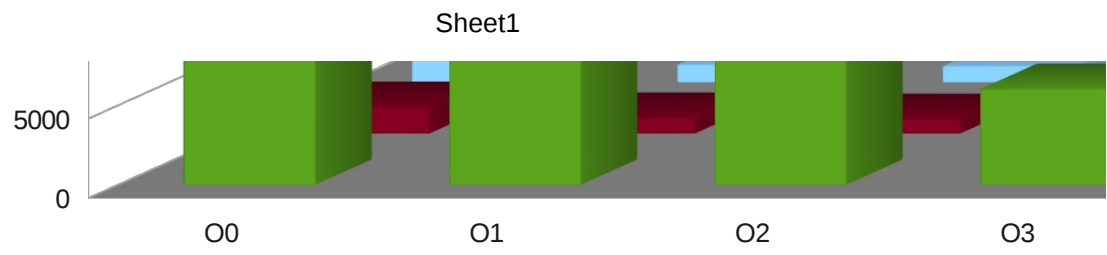
PopCount -O3	0	1	2	3
popcount1 (en lenguaje C for)	57632	57266	59287	63365
popcount2 (en lenguaje C whi)	21134	19800	20762	28543
popcount3 (Ahorrando máscara)	19311	19417	19300	19416
popcount4 (Sumando bytes completos)	6031	6063	6025	6189
popcount5 (SSSE3)	916	922	917	926
popcount6 (SSSE4.2)	1048	1027	1030	1062
popcount7 (SSSE4.2 64b)	854	911	849	855

POPCOUNT	O0	O1	O2	O3
PopCount1	164205.4545	59921.72727	61086.72727	61093.18182
PopCount2	65725.90909	18816.09091	20994.45455	21964.45455
PopCount3	28231.90909	18947.36364	19382.81818	19377.45455
PopCount4	36657.18182	10162.27273	9926.363636	6072.090909
PopCount5	1712.272727	1025.454545	960.9090909	931.0909091
PopCount6	5612	1161	1061.818182	1039
PopCount7	3998.818182	884.4545455	885.7272727	868.6363636

Gráfica comparativa

Tiempos para distintas optimizac





Sheet1

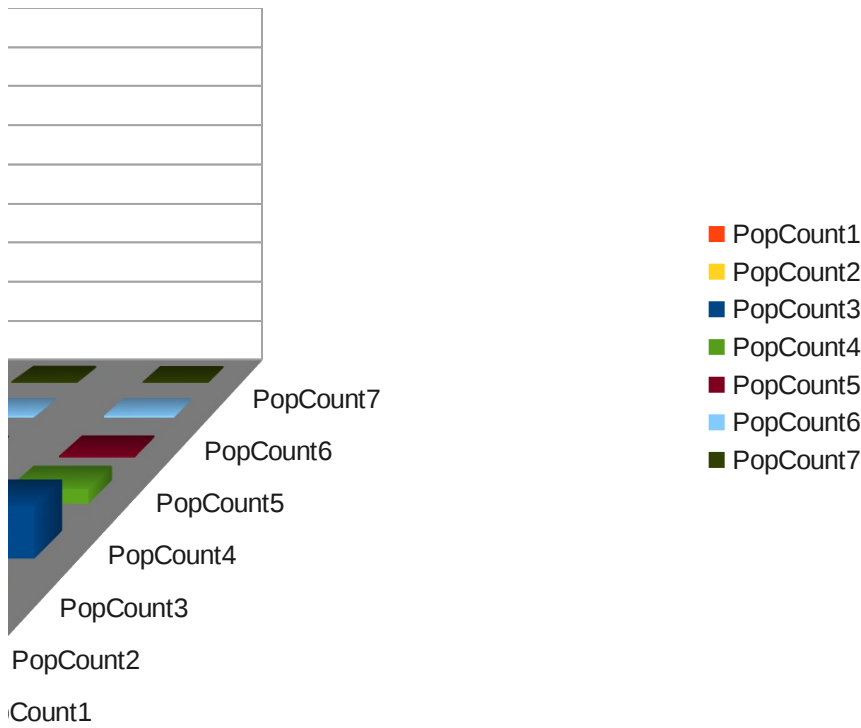
4	5	6	7	8	9	10
161687	162021	161290	174713	164613	161552	168100
66046	65733	65818	66037	65504	65471	66040
28835	27870	28024	27736	28049	29110	27712
36668	36550	36493	36609	38982	36293	36425
1761	1771	1639	1750	1752	1734	1641
5600	5724	5567	5720	5584	5566	5576
3931	4014	3879	3894	3890	3872	3895

4	5	6	7	8	9	10
55968	57558	55831	57819	63421	64188	66575
18577	18599	18941	18555	18896	19031	19098
18919	19044	18816	18918	19128	19005	18854
10148	10163	10149	10176	10115	10213	10092
978	978	991	1017	1304	980	970
1077	1055	1060	1064	2019	1141	1096
856	849	874	856	1106	866	858

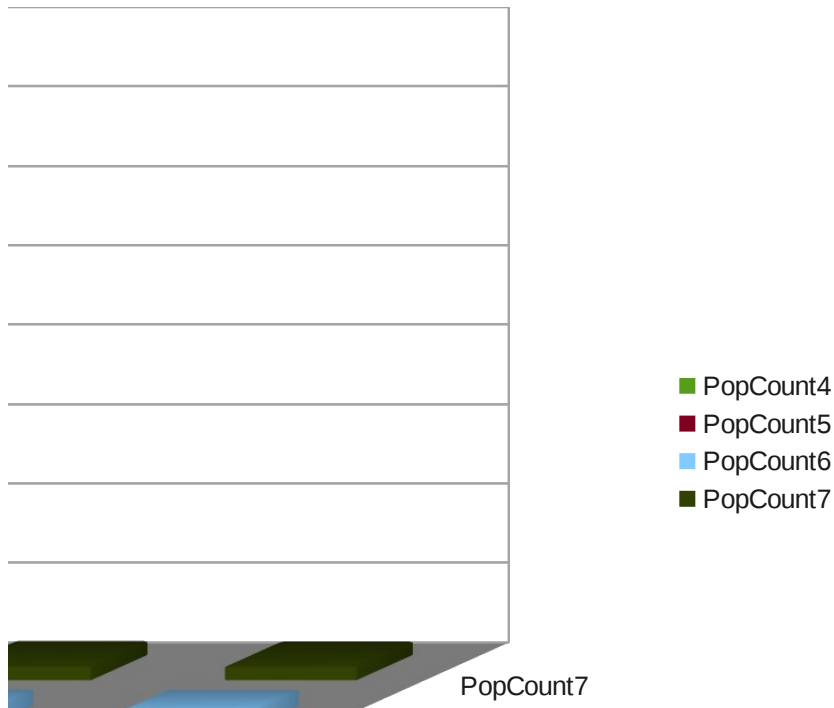
4	5	6	7	8	9	10
59158	61503	59474	61482	58760	69422	55002
22397	20057	23303	21371	18277	20134	18703
19353	19363	19330	19428	19468	19383	19499
9998	10170	9869	9895	9899	9894	9926
952	971	942	967	934	1033	1001
1046	1064	1070	1051	1081	1121	1058
908	913	874	871	891	903	887

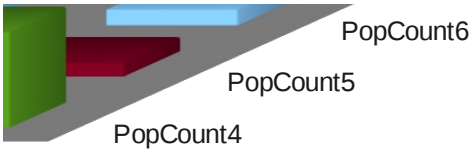
4	5	6	7	8	9	10
61299	60047	64634	64770	61594	67825	54306
22729	21396	21306	22719	24372	19419	19429
19388	19349	19330	19406	19342	19471	19422
6085	6067	6058	6045	6065	6109	6056
929	927	924	930	923	1006	922
1028	1029	1029	1029	1057	1056	1034
851	851	848	917	860	879	880

aciones



Versiones PopCount





MEDIA

164205.4545
65725.90909
28231.90909
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3998.818182

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18947.36364
10162.27273
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884.4545455

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