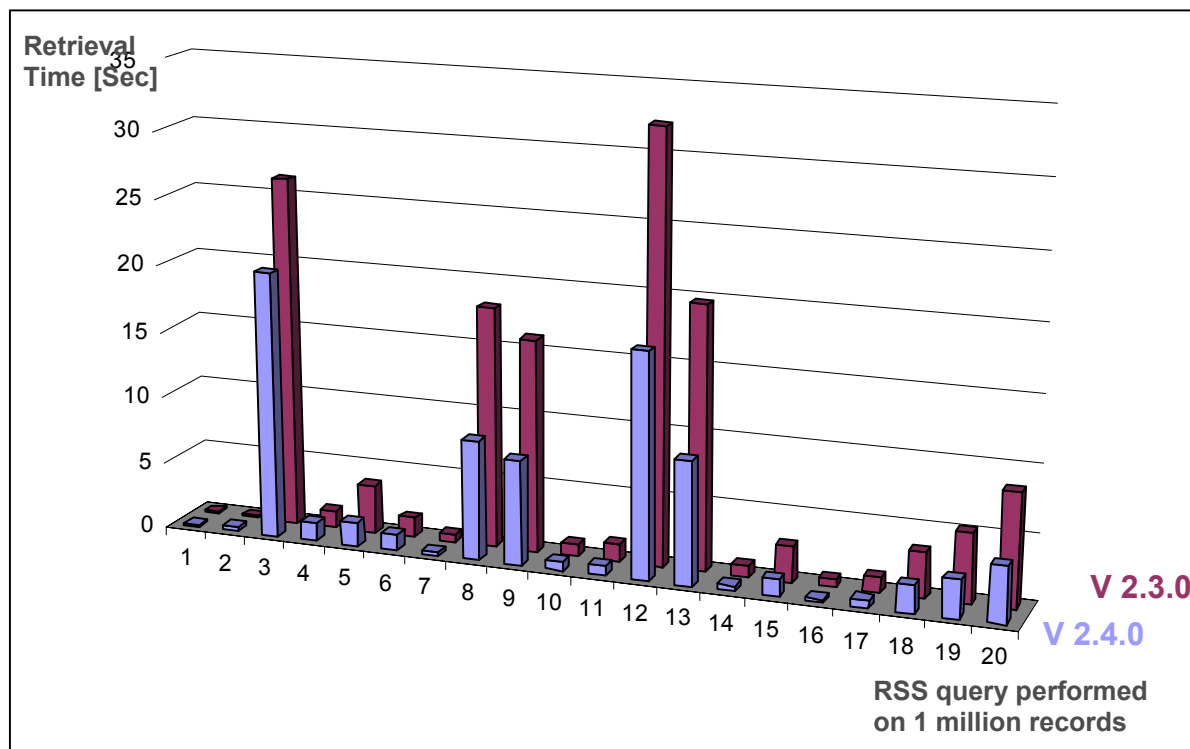
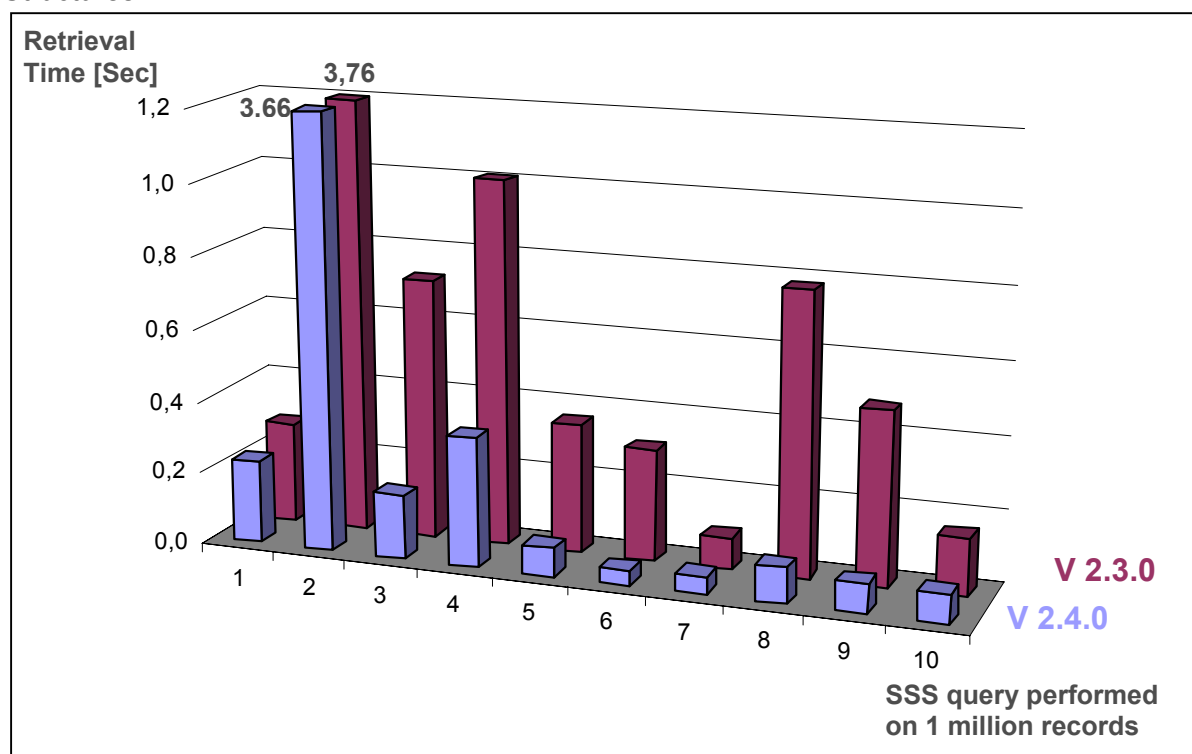


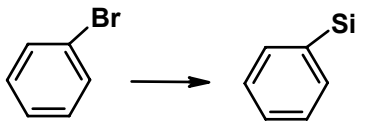
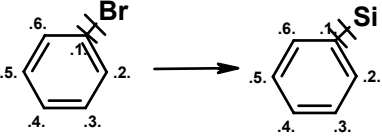
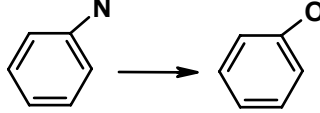
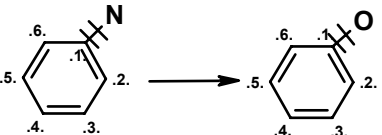
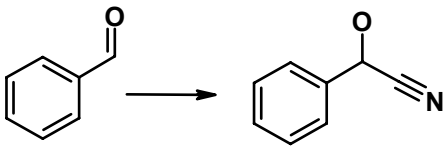
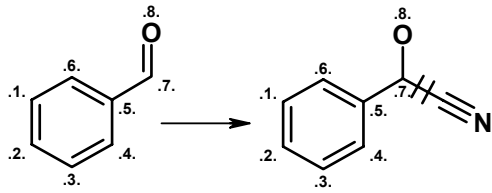
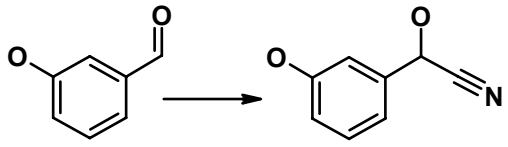
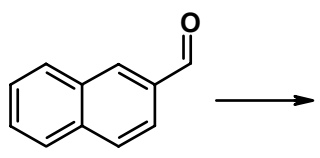
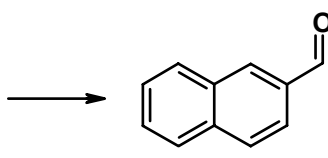
Performance enhancement between versions 2.3.0 and 2.4.0

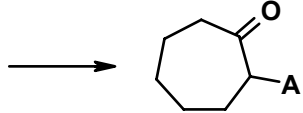
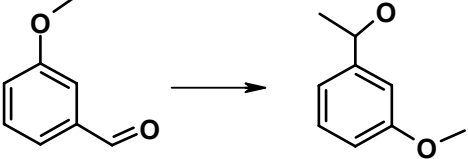
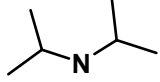
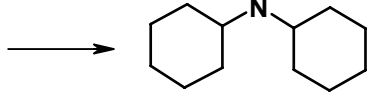
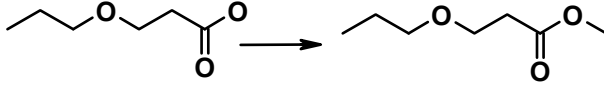
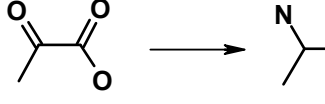
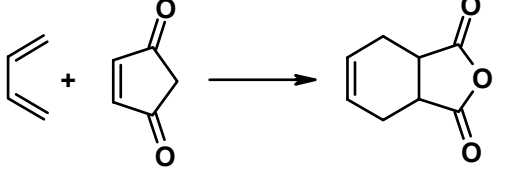
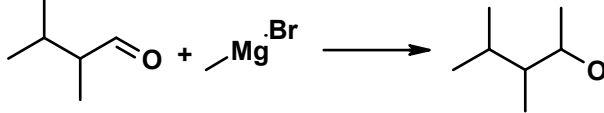
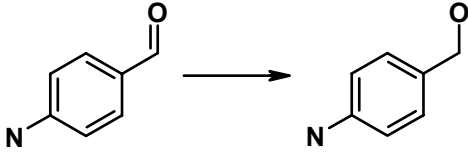
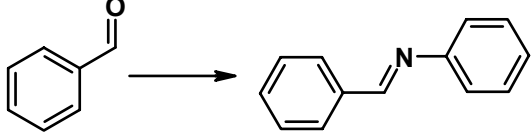
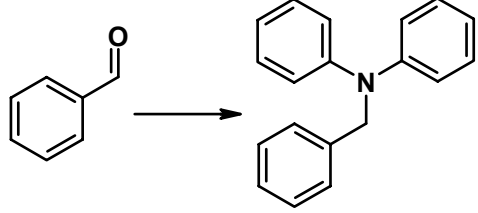
Reactions:

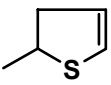
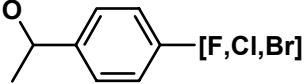
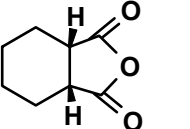
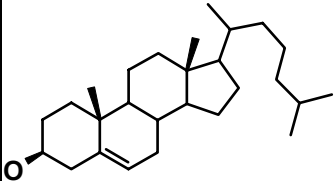
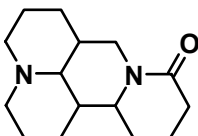
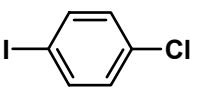
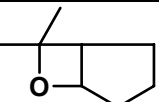
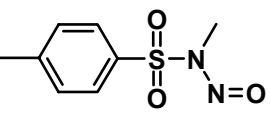
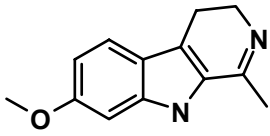
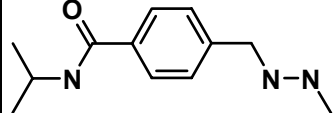


Structures:



Reaction Queries		V 2.3.0		V 2.4.0	
		Hits	Time [sec]	Hits	Time [sec]
1		232	0,14	232	0,15
2		163	0,15	163	0,35
3		58486	26,27	58486	20,02
4		820	1,27	820	1,37
5		360	3,6	360	1,73
6		223	1,47	223	1,21
7		51	0,62	51	0,31
8		4111	18,03	4111	8,97
9		4334	15,95	4334	7,87

10		1897	0,97	1897	0,64
11		889	1,34	889	0,76
12		17287	32,15	17287	16,88
13		516	19,72	516	9,25
14		656	0,83	656	0,42
15		148	2,71	148	1,33
16		374	0,59	374	0,21
17		137	1,14	137	0,59
18		4436	3,37	4436	2,06
19		5013	5,15	5013	2,92
20		187	8,47	187	4,27

Structure Queries	V 2.3.0		V 2.4.0	
	Hits	Time [sec]	Hits	Time [sec]
1 	211	0,28	211	0,23
2 	4736	3,76	4736	3,66
3 	247	0,72	247	0,18
4 	565	1,01	565	0,36
5 	7	0,36	7	0,08
6 	44	0,31	44	0,04
7 	32	0,09	32	0,05
8 	22	0,78	22	0,10
9 	5	0,48	5	0,08
10 	2	0,16	2	0,08

Test Environment

AMD Opteron processor
146, 2.01 GHz, 4 GB RAM

Windows Server 2003

Oracle 10.1.0.4.0

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