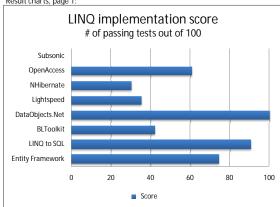
ORMBattle.NET test results

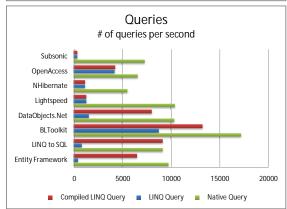
Visit http://ormbattle.net for details

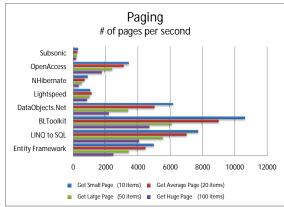
Visit http://ormbattle.net for details											LINQ imple	mentation
					SOL		DataObjects.Net					
			SqlClient	tity F	INQ to SQL	BLToolkit	ata0k			OpenAccess		
Test name LINQ implementation	Σ	Σ	<u> </u>	<u> </u>		퓹		<u> </u>	ż	ő	NS Su	Š
Aggregates	0	5	n/a	0	0	4	0	3	3	2	n/a	f,a
All/Any/Contains	0	6	n/a	3	1	6	0	6	4,2	4	n/a	f,a
Complex	0	6	n/a	1	0	6	0	6	6	5	n/a	f,a
Element operations	0	9 12	n/a n/a	4,2	2 2,2	6 1	0	6 5,5	6,1	5 2	n/a n/a	f,a f,a
Filtering Grouping	0	10	n/a	4,2	1	6	0	10	10,2	5	n/a	f,a
Join	0	4	n/a	1	0	4	0	4	4	2	n/a	f,a
Ordering	0	8	n/a	3,2	2	1	0	5,1	6	3	n/a	f,a
Projections	0	13	n/a	2	1	8	0	9,2	6,1	3	n/a	f,a
References	0	4	n/a	0	0	4	0	4	3	1	n/a	f,a
Set operations Standard functions	0	9 21	n/a	9	0	5,1 13	0	5,1 8	6,2 16	4,1	n/a	f,a f,a
Take/Skip	0	5	n/a n/a	1	0	13	0	2,1	2,1	6,1 2	n/a n/a	f,a
Type casts	0	5	n/a	1	1	3	0	3,1	4	2	n/a	f,a
<u> </u>					66							
LINQ Implementation total:												
Performed		117	n/a	117	117	117	117	117	117	117	n/a	#
Passed	0		n/a	87	106	49	117	41	35	71	n/a	#
Failed	0		n/a	30 26	11 9	68 67	0	76 65	82	46 44	n/a	#
Properly Asserted	0	117 117	n/a n/a	4	2	67 1	0	65 11	73 9	2	n/a n/a	#
Score	0		n/a	74,4	90,6	41,9	100	35	29,9	60,7	n/a	%
					.,.							
Color bar												Best result
11 11												
Units: f/a	total	count o	f failed test	s [, count of te	ete follod wi	th accortion	1 loce is bott	or (O ic idoo	I)			
#	count		i ialieu test	s į, courit or te	ests falleu wi	111 45561 1101	I, less is bett	ei (o is idea	1)			
%			% of passed	tests), more	is better							
			•									
			SqlClien		LINO to SOI		DataObjects.Net			OpenAccess		
Test name	Ξ	Š	Sql	Ë	<u> </u>	<u> </u>	Da	ig	<u> </u>	do	Nat	Unit
CRUD Performance:			04.054	1/04	0000	40004	0.400	40444	7000		07/5	
Fetch Single Operation	0		21 854	4634	9280	13001	9433	10444	7289	6611	8765	op/s
Single Operation: Create Instance	0		19 043	4566	3670	11832	7441	4851	3741	9848	4167	op/s
Update Instance	0		18 749	3898	1493	11507	9948	4955	871	9609	4099	op/s
Remove Instance	0		19 334	5955	1670	12047	10785	4776	1440	10936	4354	op/s
CUD Average	0		18 655	4641	1942	11777	9147	4859	1421	9959	4105	op/s
Multiple Operations:												
Create Instance	0		61 981	7915	4879	22748	14988	12649	20587	10197	4010	op/s
Update Instance	0		68 567	6199	1687	64451	33320	27537	17259 18551	15497	4154	op/s
Remove Instance CUD Average	0		82 155 69 274	9365 6997	1841 2232	79514 41583	42499 24729	26199 19538	18623	24022 14579	4472 4167	op/s op/s
COD Average	U		07274	0777	2232	41303	24127	17330	10023	14377	4107	Up/s
Data Access Performance:												
Query:												
LINQ Query	0		n/a	450	835	8749	1559	1290	1156	4168	351	queries/s
Compiled LINQ Query	0		n/a	6501	9114	13222	8046	1290	1156 5494	4269	351 7212	queries/s
Native Query Paging (LINQ only):	U		18 645	9728	9114	17187	10335	10424	5494	6590	7312	queries/s
Get Small Page (10 items)	0		n/a	5009	7736	10625	6199	1105	907	3458	322	pages/s
Get Average Page (20 items)	0		n/a	4494	7014	9009	5051	1175	726	3130	298	pages/s
Get Large Page (50 items)	0		n/a	3445	5551	6132	3410	1043	564	2447	262	pages/s
Get Huge Page (100 items)	0		n/a	2493	4108	4732	2236	892	369	1803	208	pages/s
Materialization:				05765	4.04.10	454556	07/55/	2005.5		07000		-61 - 1
LINQ Materialize Native Materialize	0		n/a 1 276 161	257884 476553	462149 462149	451752 752841	276556 350029	390747 437196	41555 55515	279126 343666	47665 56430	objects/s objects/s
INGUIVE IVIGUEITAIIZE	- 0		12/0 101	470000	402149	732041	330029	43/170	30010	343000	30430	objects/s
File sizes (in bytes):												
Original .cs + mapping files			n/a	58 188	15 521	9 631	8 275	14 762	32 008	61 621	n/a	bytes
Generated .cs files			n/a	126 774	92 043	0	0	32 121	0	31 190	n/a	bytes
Runtime libraries (.dlls)			n/a	2 879 448	684 032	1 224 704	3 126 272	354 304	2 210 816	3 999 232	280 064	bytes
Color bar												Best result
oolor bal												Deat (Cault
Units:												
		tions n	or second n	nore is better								
op/s												
queries/s	querie	es per s	econd, mor	e is better								
	querie pages	es per s per se	econd, mor cond, more	e is better								

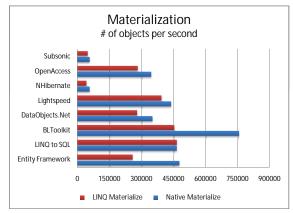
Result charts, page 1:

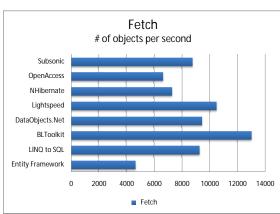


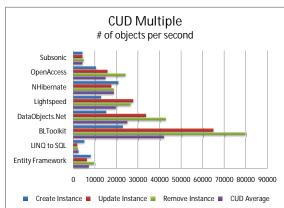
Larger = better!

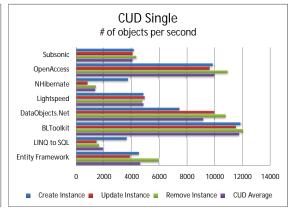












Cell: G46

Comment: Alex Yakunin:

Specialized API:

SqlQuery<T>.Insert(..., int batchSize, IEnumerable<T> sequence)

Cell: J46

Comment: Alex Yakunin:

Specialized API: ISessionFactory.OpenStatelessSession is used in this test.

Cell: G47

Comment: Alex Yakunin:

Specialized API:

SqlQuery<T>.Update(..., int batchSize, IEnumerable<T> sequence)

Cell: 14

Comment: Alex Yakunin:

 $Specialized \ API: IS ession Factory. Open Stateless Session \ is \ used \ in \ this \ test.$

Cell: G48

Comment: Alex Yakunin:

Specialized API:

SqlQuery<T>.Delete(..., int batchSize, IEnumerable<T> sequence)

Cell: J48

Comment: Alex Yakunin:

Specialized API: ISessionFactory.OpenStatelessSession is used in this test.

Cell: 15

Comment: Alex Yakunin:

Complied queries are not supported, result is copied from above cell.

Cell: J54

Comment: Alex Yakunin:

Complied queries are not supported, result is copied from above cell.

Cell: 154

Comment: Alex Yakunin:

Complied queries are not supported, result is copied from above cell.

Cell: F55

Comment: Alex Yakunin:

No native queries, result is copied from above cell.

Cell: F63

Comment: Alex Yakunin:

No native queries, result is copied from above cell.