

MySQL\_lin

TEST1	Rozmiar			Kolejne uruchomienia		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	0,092	0,844	8,031	0,091	0,845	7,981
Perl – fetchrow_arrayref	0,067	0,574	5,718	0,062	0,577	5,704
PHP – fetch_assoc	0,030	0,279	2,702	0,038	0,273	2,691
PHP – MDB2 – fetchRow()	0,194	1,969	19,339	0,191	1,951	19,510
Ruby – DBI	0,407	4,356	71,160	0,403	4,318	65,908
Ruby – ActiveRecord	0,193	1,788	32,624			
JDBC	0,030	0,231	3,698	0,036	0,213	2,297

TEST2	Złączenie SQL			Złączenie programowe		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	1,814	18,216	180,577			
Perl – fetchrow_arrayref	1,846	18,296	180,183			
PHP – fetch_assoc	1,819	18,104	177,949	67,027		
PHP – MDB2 – fetchRow()	2,020	19,769	195,066			
Ruby – DBI	2,236	22,842	261,788			
Ruby – ActiveRecord	0,182	2,537				
JDBC	1,812	18,231	180,545			

TEST 3	A			B		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array						
Perl – fetchrow_arrayref						
PHP – query()	1,109	11,124		1,856	19,321	
PHP – MDB2 – exec()	2,146	26,857		7,958	157,919	
Ruby – DBI	2,501	23,026		3,560	34,624	
Ruby – ActiveRecord	11,097	101,322		31,271	1167,541	
JDBC	1,730	15,789		2,701	27,103	

Postgres\_lin

TEST1	Rozmiar			Kolejne uruchomienia		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	0,104	0,961	9,556	0,101	0,938	9,262
Perl – fetchrow_arrayref	0,077	0,715	7,257	0,080	0,733	7,156
PHP – fetch_assoc	0,046	0,404	3,967	0,053	0,441	3,919
PHP – MDB2 – fetchRow()	0,279	2,740	27,355	0,282	2,731	27,468
Ruby – DBI	0,465	4,437	72,713	0,460	4,420	66,014
Ruby – ActiveRecord	0,304	2,684	43,439			
JDBC	0,073	0,439	3,794	0,074	0,459	4,149

TEST2	Złączenie SQL			Złączenie programowe		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	0,088	1,248	23,522			
Perl – fetchrow_arrayref	0,094	1,291	16,413			
PHP – fetch_assoc	0,076	1,085	12,509			
PHP – MDB2 – fetchRow()	0,339	3,567	38,465			
Ruby – DBI	0,489	6,408	119,566			
Ruby – ActiveRecord	0,285	3,604				
JDBC	0,092	1,214	21,090			

TEST 3	A			B		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array						
Perl – fetchrow_arrayref						
PHP – query()	7,208	73,471		13,999	140,599	
PHP – MDB2 – exec()	8,895	100,971		58,730	930,304	
Ruby – DBI	8,768	93,645		19,497	191,583	
Ruby – ActiveRecord	80,452	291,248		90,748	3135,232	
JDBC	8,534	87,653		17,133	177,032	

## Conf\_lin

**CPU:** Intel Core Duo T2050 (1.60GHz)  
**RAM:** DDR2 2x512MB (533MHz)  
**OS:** Linux openSUSE 10.2  
**PostgreSQL:** 8.1.9  
**MySQL:** 5.0.26  
**PHP:** 5.2.0 (w. Zend Engine 2.2.0)  
**Perl:** 5.8.8  
**Ruby:** 1.8.5 (gem 0.9.2)  
**Java:** 1.5.0\_10-b03 (w. tomcat 5.0.30-55)

MySQL\_win

TEST1	Rozmiar			Kolejne uruchomienia		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	5,031	5,59	11,359			
Perl – fetchrow_arrayref	4,968	5,250	8,546			
PHP – fetch_assoc	0,088	0,643	5,763	0,087	0,611	5,744
PHP – MDB2 – fetchRow()	0,324	3,280	32,678	0,329	3,247	32,415
Ruby – DBI						
Ruby – ActiveRecord	0,719	7,656	112,735	0,687	7,677	111,432
JDBC	0,032	0,360	2,500	0,031	0,218	2,766
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TEST2	Złączenie SQL			Złączenie programowe		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	1,203	12,203	121,765			
Perl – fetchrow_arrayref	1,203	12,218	121,734			
PHP – fetch_assoc	1,255	12,045	120,982	78,127		
PHP – MDB2 – fetchRow()	1,486	14,849	149,064			
Ruby – DBI						
Ruby – ActiveRecord	0,844	9,578				
JDBC	1,266	11,875				
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TEST 3	A			B		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array						
Perl – fetchrow_arrayref						
PHP – query()	1,315	13,035	131,874	2,361	23,458	235,945
PHP – MDB2 – exec()	3,881	129,287		12,214	287,115	
Ruby – DBI						
Ruby – ActiveRecord	20,312	181,922		61,657	1126,031	
JDBC	1,469	14,641	145,390	2,672	26,328	263,562

Postgres\_win

TEST1	Rozmiar			Kolejne uruchomienia		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	0,098	0,970	9,781			
Perl – fetchrow_arrayref	0,065	0,640	6,640			
PHP – fetch_assoc	0,073	0,675	7,527	0,067	0,665	6,700
PHP – MDB2 – fetchRow()	0,431	4,315	43,593	0,430	4,314	43,559
Ruby – DBI	1,828	19,031	282,765	1,812	19,500	310,675
Ruby – ActiveRecord	1,844	19,234				
JDBC	0,093	0,500	29,359	0,079	0,500	29,359

TEST2	Złączenie SQL			Złączenie programowe		
	Rozmiar			Rozmiar		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array	0,121	1,640	71,343			
Perl – fetchrow_arrayref	0,122	2,296	65,984			
PHP – fetch_assoc	0,132	3,158	143,590			
PHP – MDB2 – fetchRow()	0,528	6,295	197,352			
Ruby – DBI	2,329	23,937	488,984			
Ruby – ActiveRecord	2,281	24,703		136,375		
JDBC	0,125	1,781				

TEST 3	A			B		
	Rozmiar			Rozmiar		
	10k	100k	1M	10k	100k	1M
Perl – fetchrow_array						
Perl – fetchrow_arrayref						
PHP – query()	11,240	122,711	1246,697	23,566	235,429	2377,933
PHP – MDB2 – exec()	14,049	193,922	11797,982	90,734	3145,982	~17h
Ruby – DBI	16,625	155,594		33,031	312,828	
Ruby – ActiveRecord	42,218	462,062		155,750	6546,359	
JDBC	13,922	138,672	1333,469	27,219	258,937	2587,157

Conf\_win

**CPU:** Intel Core Duo T2250 (1.73GHz)  
**RAM:** DDR2 2x512MB (533MHz)  
**OS:** Windows XP w. SP2  
**PostgreSQL:** 8.0.0  
**MySQL:** 4.1.11  
**PHP:**  
**Perl:**  
**Ruby:**  
**Java:**