

Delay	Method name	Ranks after 2 iterations					Ranks after 4 iterations				
0.150	getAccount()	3	2	5	7	5	8	3	5	7	2
	getProductListByCategory(String)	5	4	9	5	3	2	2	6	8	3
	getCategoryId()	4	5	2	8	4	6	7	3	2	4
0.100	setPassword(String)	2	1	6	6	9	1	5	2	34	1
	getItemListByProduct(String)	7	9	8	9	8	9	10	8	6	10
	getProductId()	1	6	1	1	2	5	4	4	3	212
0.050	getUsername()	16	7	4	4	7	58	19	10	5	6
	getName()	6	3	3	2	1	3	1	1	1	5
	setZip(String)	18	8	7	3	6	X	12	9	4	7
# of iter	Statistics	2 iterations					4 iterations				
iter #1	M _{runningTime_goodTraces_1}	1319.2	1331.6	1190.1	1325.1	1423.2	1319.2	1331.6	1190.1	1325.1	1423.2
	M _{runningTime_badTraces_1}	1020.9	998.4	929.3	904.9	1118.0	1020.9	998.4	929.3	904.9	1118.0
	SD _{runningTime_goodTraces_1}	81.2	151.7	93.2	91.8	108.7	81.2	151.7	93.2	91.8	108.7
	SD _{runningTime_badTraces_1}	130.6	118.5	97.5	161.5	130.9	130.6	118.5	97.5	161.5	130.9
	Ratio _{goodTraces/badTraces_1}	5/5	4/6	5/5	4/6	5/5	5/5	4/6	5/5	4/6	5/5
iter #2	M _{runningTime_goodTraces_2}	2543.8	2561.0	2625.5	2614.6	2577.4	2543.8	2561.0	2625.5	2614.6	2577.4
	M _{runningTime_badTraces_2}	1169.6	1171.3	1079.1	1078.6	1270.6	1169.6	1171.3	1079.1	1078.6	1270.6
	SD _{runningTime_goodTraces_2}	63.2	59.1	83.4	87.7	92.9	63.2	59.1	83.4	87.7	92.9
	SD _{runningTime_badTraces_2}	178.0	240.5	168.6	241.4	196.8	178.0	240.5	168.6	241.4	196.8
	Ratio _{goodTraces/badTraces_2}	9/11	9/11	9/11	9/11	10/10	9/11	9/11	9/11	9/11	10/10
iter #3	M _{runningTime_goodTraces_3}	X	X	X	X	X	2587.0	2559.0	2570.3	2604.4	2585.9
	M _{runningTime_badTraces_3}	X	X	X	X	X	1169.6	1171.3	1079.1	1078.6	1270.6
	SD _{runningTime_goodTraces_3}	X	X	X	X	X	80.4	67.2	90.3	87.1	93.6
	SD _{runningTime_badTraces_3}	X	X	X	X	X	178.0	240.5	168.6	241.4	196.8
	Ratio _{goodTraces/badTraces_3}	X	X	X	X	X	19/11	19/11	19/11	19/11	20/10
iter #4	M _{runningTime_goodTraces_4}	X	X	X	X	X	2582.1	2554.2	2547.6	2574.5	2595.1
	M _{runningTime_badTraces_4}	X	X	X	X	X	1169.6	1171.3	1079.1	1078.6	1270.6
	SD _{runningTime_goodTraces_4}	X	X	X	X	X	85.3	67.8	92.7	97.5	103.3
	SD _{runningTime_badTraces_4}	X	X	X	X	X	178.0	240.5	168.6	241.4	196.8
	Ratio _{goodTraces/badTraces_4}	X	X	X	X	X	29/11	29/11	29/11	29/11	30/10

TABLE 1

Ranks of bottlenecks for FOREPOST_{RAND} in JPetStore, where the group of bottlenecks is bottlenecks#2 and number of profiles is equal to 10. Times are measured by seconds.