Benchmark (Score	Score Error (Unit	Param: expression	pr results2.Sc	pr results2.Scg pr result	ssavings	Improvemen savingVsErr
mark.evaluateCompiledButInterpretedExpression	0,082598	0,00332 us/op	["a""z"]	0,056963	0,000469 us/op	0,025635	31% 7,72138554
mark.evaluateCompiledButInterpretedExpression	0,105847	0,002062 us/op	"foo" < "bar"	0,079047	0,001486 us/op	0,0268	25% 12,9970902
mark.evaluateCompiledButInterpretedExpression	0,067845	0,002409 us/op	"foo" instance of any	0,052496	0,000779 us/op	0,015349	23% 6,37152345
mark.evaluateCompiledButInterpretedExpression	0,097222	0,003105 us/op	if 2 > 1 then "yey" else "nay"	0,078938	0,000886 us/op	0,018284	19% 5,88856683
DTChineseYearBenchmark.evaluateDecisionTable	0,022315	0,000067 ms/op	in 2 × 2 circle yey close may	0,018391	0,000097 ms/op	0,003924	18% 58,5671642
mark.evaluateCompiledButInterpretedExpression	0,176434	0,002326 us/op	"foo" >= "bar"	0,148089	0,002078 us/op	0,028345	16% 12,1861565
mark.evaluateCompiledJavaExpressionBenchmark	1,242858	0,046553 us/op	10 / 5	1,05164	0,012056 us/op	0,191218	15% 4,10753335
mark.evaluateCompiledButInterpretedExpression	0,155799	0,002454 us/op	"foo" = "foo"	0,131947	0,002392 us/op	0,023852	15% 9,7196414
mark.evaluateCompiledButInterpretedExpression	0,088165	0,001558 us/op	if 2 < 1 then "yey" else "nay"	0,074727	0,001392 us/op	0,013438	15% 8,62516046
IDecisionTableAlphaSupportingDraftBench.doTest	0,137998	0,004877 ms/op		0,11735	0,004595 ms/op	0,020648	15% 4,23375026
mark.evaluateCompiledButInterpretedExpression	0,159273	0,001949 us/op	["a", "b", 15]	0,137694	0,001534 us/op	0,021579	14% 11,0718317
mark.evaluateCompiledButInterpretedExpression	0,70441	0,014364 us/op	for x in [10, 20, 30], y in [1, 2, 3] return "foobar"	0,610963	0,005327 us/op	0,093447	13% 6,5056391
mark.evaluateCompiledButInterpretedExpression	0,061518	0,001437 us/op	true and null	0,053995	0,000916 us/op	0,007523	12% 5,23521225
mark.evaluateCompiledButInterpretedExpression	0,149879	0,001982 us/op	"foo" != "bar"	0,131608	0,002693 us/op	0,018271	12% 9,2184662
mark.evaluateCompiledJavaExpressionBenchmark	0,09727	0,001703 us/op	duration("P2DT20H14M5S").days	0,085486	0,000658 us/op	0,011784	12% 6,91955373
mark.evaluateCompiledJavaExpressionBenchmark	0,056734	0,002621 us/op	false and false or true	0,049929	0,001152 us/op	0,006805	12% 2,59633728
nmark.evaluateCompiledButInterpretedExpression	0,329891	0,004913 us/op	{ x : "foo" } = { x : "foo" }	0,290522	0,003014 us/op	0,039369	12% 8,01323021
teFewLiteralDecisionBenchmark.evaluateDecision	0,023206	0,00017 ms/op	, , ,	0,020481	0,000129 ms/op	0,002725	12% 16,0294118
IDecisionTableAlphaSupportingDraftBench.doTest	0,111256	0,004234 ms/op		0,098237	0,004095 ms/op	0,013019	12% 3,0748701
mark.evaluateCompiledButInterpretedExpression	0,410364	0,003067 us/op	ends with("foobar", "bar")	0,364984	0,003166 us/op	0,04538	11% 14,7962178
mark.evaluateCompiledButInterpretedExpression	0,417178	0,012097 us/op	ends with("foobar", "of")	0,371437	0,002207 us/op	0,045741	11% 3,78118542
mark.evaluateCompiledJavaExpressionBenchmark	0,0981	0,003651 us/op	10 - 5	0,087573	0,001653 us/op	0,010527	11% 2,88331964
mark.evaluateCompiledJavaExpressionBenchmark	0,053564	0,002426 us/op	duration("P2DT20H14M")	0,048013	0,000548 us/op	0,005551	10% 2,28812861
IDecisionTableAlphaSupportingDraftBench.doTest	0,122535	0,004383 ms/op		0,109896	0,004257 ms/op	0,012639	10% 2,88364134
mark.evaluateCompiledButInterpretedExpression	0,689661	0,01808 us/op	{ x : "foo", y : [1, 2] } != { y : [1, 2], x : "foo" }	0,620788	0,008874 us/op	0,068873	10% 3,80934735
mark.evaluateCompiledJavaExpressionBenchmark	0,45642	0,031885 us/op	min(["a", "b", "c"])	0,411036	0,002438 us/op	0,045384	10% 1,42336522
IDecisionTableAlphaSupportingDraftBench.doTest	0,123105	0,004514 ms/op		0,1109	0,003363 ms/op	0,012205	10% 2,70381037
mark.evaluateCompiledButInterpretedExpression	0,699237	0,006781 us/op	max("a", "b", "c")	0,631298	0,009325 us/op	0,067939	10% 10,0190237
mark.evaluateCompiledJavaExpressionBenchmark	0,40094	0,022677 us/op	insert before([1, 2, 3], 3, 4)	0,362435	0,00383 us/op	0,038505	10% 1,69797592
mark.evaluateCompiledButInterpretedExpression	0,422657	0,006584 us/op	starts with("foobar", "fo")	0,382401	0,006688 us/op	0,040256	10% 6,11421628
mark.evaluateCompiledJavaExpressionBenchmark	0,087872	0,002125 us/op	time("22:57:00") - duration("PT1H1M")	0,079561	0,001598 us/op	0,008311	9% 3,91105882
mark.evaluateCompiledJavaExpressionBenchmark	0,058226	0,002588 us/op	[1, 2, 3]	0,052722	0,001296 us/op	0,005504	9% 2,12673879
mark.evaluateCompiledButInterpretedExpression	0,960896	0,018283 us/op	replace("banana","(an)+", "**")	0,870123	0,00441 us/op	0,090773	9% 4,96488541
mark.evaluateCompiledButInterpretedExpression	0,685609	0,005975 us/op	min("a", "b", "c")	0,621658	0,012342 us/op	0,063951	9% 10,7030962
mark.evaluateCompiledButInterpretedExpression	0,456061	0,003359 us/op	{ first name : "Bob", birthday : date("1978-09-12"), salutation : "He	€ 0,414002	0,003702 us/op	0,042059	9% 12,5212861
mark.evaluateCompiledJavaExpressionBenchmark	0,054723	0,002381 us/op	10.4 < null	0,049795	0,000907 us/op	0,004928	9% 2,06971861
mark.evaluateCompiledJavaExpressionBenchmark	0,337214	0,010502 us/op	substring before("foobar", "bar")	0,307231	0,003469 us/op	0,029983	9% 2,85498
mark.evaluateCompiledJavaExpressionBenchmark	0,05768	0,002277 us/op	["a", "b", 15]	0,052625	0,001135 us/op	0,005055	9% 2,22002635
mark.evaluateCompiledButInterpretedExpression	1,080432	0,013911 us/op	number("1,000.05", ",", ".")	0,986516	0,01092 us/op	0,093916	9% 6,75120408
IDecision Table Alpha Supporting Draft Bench. do Test	0,110486	0,005704 ms/op		0,10108	0,004441 ms/op	0,009406	9% 1,64901823
mark.evaluateCompiledButInterpretedExpression	0,842375	0,012888 us/op	split("foo;bar baz", "[;]")	0,772668	0,017399 us/op	0,069707	8% 5,40867474
${\it mark.evaluate Compiled But Interpreted Expression}$	0,062261	0,001723 us/op	date and time("2016-07-29T05:48:23")	0,05716	0,001967 us/op	0,005101	8% 2,96053395
mark.evaluateCompiledJavaExpressionBenchmark	0,102085	0,002687 us/op	date(2016, 8, 2).day	0,093735	0,001634 us/op	0,00835	8% 3,10755489
mark.evaluate Compiled Java Expression Benchmark	0,275374	0,00372 us/op	{ x : "foo" } = { x : "foo" }	0,252911	0,003365 us/op	0,022463	8% 6,03844086
mark.evaluateCompiledButInterpretedExpression	0,326028	0,00251 us/op	{ x : "foo" } != { x : "foo" }	0,299882	0,006532 us/op	0,026146	8% 10,4167331
mark.evaluateCompiledButInterpretedExpression	0,231102	0,0018 us/op	"foo" in (10, false, "foo")	0,212651	0,002644 us/op	0,018451	8% 10,2505556
mark.evaluateCompiledButInterpretedExpression	0,886287	0,009689 us/op	matches("two \n lines", "two.*lines")	0,815822	0,009523 us/op	0,070465	8% 7,27268036

mark.evaluateCompiledJavaExpressionBenchmark	0,056803	0,001736 us/op	null = true	0,052301	0,000773 us/op	0,004502	8% 2,59331797
mark.evaluateCompiledButInterpretedExpression	0,429299	0,015698 us/op	not(10 = 3)	0,395973	0,003179 us/op	0,033326	8% 2,1229456
mark.evaluateCompiledJavaExpressionBenchmark	0,259108	0,008173 us/op	floor(-1.5)	0,239577	0,002025 us/op	0,019531	8% 2,38969779
mark.evaluateCompiledButInterpretedExpression	0,750623	0,014099 us/op	substring("foobar", 3)	0,694525	0,00931 us/op	0,056098	7% 3,97886375
mark.evaluateCompiledButInterpretedExpression	0,091531	0,00163 us/op	date and time("2016-07-29T05:48:23Z") + duration("P1Y1M")	0,084753	0,00193 us/op	0,006778	7% 4,15828221
mark.evaluateCompiledButInterpretedExpression	0,106701	0,002992 us/op	duration("P2DT20H14M5S").hours	0,098804	0,001013 us/op	0,007897	7% 2,63937166
mark.evaluateCompiledJavaExpressionBenchmark	0,43973	0,008204 us/op	count([1, 2, 3])	0,407553	0,007354 us/op	0,032177	7% 2,03337100
mark.evaluateCompiledButInterpretedExpression	0,109827	0,001415 us/op	time("13:20:00-05:00").hour	0,10193	0,001661 us/op	0,007897	7% 5,58091873
mark.evaluateCompiledButInterpretedExpression	0,401971	0,001413 us/op	contains("foobar", "ob")	0,37313	0,001001 us/op	0,007837	7% 5,34785833
LRangeBenchmark.evaluateExpressionBenchmark		2,482892 us/op	(12]	127,510528	2,151067 us/op	9,663071	7% 3,89186118
mark.evaluateCompiledJavaExpressionBenchmark	0,126268	0,001979 us/op	duration("P1Y8M") <= duration("P1Y6M")	0,11738	0,002189 us/op	0,008888	7% 4,49115715
mark.evaluateCompiledButInterpretedExpression	0,055887	0,001979 us/op	null	0,051954	0,002103 us/op	0,003933	7% 1,4852719
mark.evaluateCompiledJavaExpressionBenchmark	0,581475	0,005893 us/op	substring("foobar", 3)	0,540611	0,002108 us/op	0,003933	7% 6,93432886
mark.evaluateCompiledButInterpretedExpression	0,581475	0,003893 us/op 0,020591 us/op	string(1.1)	0,623224	0,007337 us/op	0,046941	7% 0,93432880
mark.evaluateCompiledButInterpretedExpression		0,020391 us/op 0,006685 us/op	insert before([1, 2, 3], -3, 4)		0,00072 us/op	-	7% 6,88586387
	0,659154			0,613122		0,046032	
mark.evaluateCompiledJavaExpressionBenchmark	0,28749	0,015806 us/op	{ x : "foo" } != { x : "foo" }	0,267555	0,00434 us/op	0,019935	7% 1,26122991
mark.evaluateCompiledButInterpretedExpression	1,097018	0,020312 us/op	time(14, 52, 25, duration("PT5H"))	1,021747	0,007829 us/op	0,075271	7% 3,70574045
mark.evaluateCompiledJavaExpressionBenchmark	0,095046	0,001783 us/op	duration("P2DT20H14M5S").minutes	0,088545	0,001577 us/op	0,006501	7% 3,64610208
mark.evaluateCompiledJavaExpressionBenchmark	0,051519	0,001714 us/op	date("2016-07-29")	0,048006	0,000509 us/op	0,003513	7% 2,0495916
mark.evaluateCompiledButInterpretedExpression	0,745899	0,012167 us/op	min(["a", "b", "c"])	0,69533	0,007507 us/op	0,050569	7% 4,15624229
mark.evaluateCompiledButInterpretedExpression	0,114472	0,002575 us/op	date and time("2016-07-29T05:48:23-05:00").second	0,106775	0,001311 us/op	0,007697	7% 2,98912621
mark.evaluateCompiledButInterpretedExpression	0,41744	0,005577 us/op	starts with("foobar", "of")	0,38946	0,003943 us/op	0,02798	7% 5,01703425
mark.evaluateCompiledButInterpretedExpression	0,109423	0,002877 us/op	date and time("2016-07-29T05:48:23-05:00").minute	0,102121	0,001672 us/op	0,007302	7% 2,53806048
mark.evaluateCompiledJavaExpressionBenchmark	0,339793	0,008904 us/op	index of([1, 2, 3, 2], 2)	0,318199	0,003559 us/op	0,021594	6% 2,42520216
mark.evaluateCompiledButInterpretedExpression	0,626702	0,012694 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	0,58715	0,006831 us/op	0,039552	6% 3,11580274
mark.evaluateCompiledButInterpretedExpression	0,777376	0,014109 us/op	matches("banana", "[a-z]{3}")	0,729033	0,014176 us/op	0,048343	6% 3,4263945
teFewLiteralDecisionBenchmark.evaluateDecision	0,090552	0,000538 ms/op		0,084951	0,000557 ms/op	0,005601	6% 10,4107807
mark.evaluateCompiledJavaExpressionBenchmark	0,125929	0,002956 us/op	duration("P1Y6M") = duration("P1Y6M")	0,118207	0,003903 us/op	0,007722	6% 2,61231394
mark.evaluateCompiledJavaExpressionBenchmark	0,623451	0,007968 us/op	matches("banana", "[a-z]{3}")	0,585273	0,012318 us/op	0,038178	6% 4,79141566
${\tt mark.evaluateCompiledButInterpretedExpression}$	0,432571	0,004686 us/op	substring before("foobar", "bar")	0,406722	0,005526 us/op	0,025849	6% 5,51621852
${\tt mark.evaluateCompiledButInterpretedExpression}$	0,056716	0,001649 us/op	10 instance of number	0,05333	0,001078 us/op	0,003386	9 6% 2,05336568
mark.evaluate Compiled Java Expression Benchmark	0,098577	0,004218 us/op	time("13:20:00-05:00").minute	0,092745	0,001011 us/op	0,005832	1 ,3826458
parison Benchmark. evaluate Expression Benchmark	60,565886	0,983083 us/op	duration("P1Y8M") != duration("P1Y6M")	56,996676	0,805372 us/op	3,56921	1 6% 3,63062936
mark.evaluate Compiled Java Expression Benchmark	0,083556	0,001125 us/op	10 ** 5	0,07869	0,002502 us/op	0,004866	6% 4,32533333
$unction Benchmark.evaluate {\tt Expression Benchmark}$	67,512926	1,042671 us/op	sort([3, 1, 4, 5, 2], function(x,y) x < y)	63,654181	0,937906 us/op	3,858745	6% 3,70082701
mark. evaluate Compiled But Interpreted Expression	0,738346	0,00735 us/op	{ full name : { first name: "Bob", last name : "Doe" }, birthday : dat	0,696161	0,01345 us/op	0,042185	1 6% 5,73945578
${\it mark.evaluate Compiled But Interpreted Expression}$	0,810635	0,010369 us/op	substring("foobar", 3, 3)	0,764532	0,004193 us/op	0,046103	6% 4,44623397
unctionBenchmark.evaluateExpressionBenchmark	47,375066	1,282266 us/op	starts with("foobar", "fo")	44,73011	0,584345 us/op	2,644956	6% 2,06272022
mark.evaluateCompiledJavaExpressionBenchmark	0,054849	0,002662 us/op	true	0,051854	0,001834 us/op	0,002995	5% 1,12509391
mark.evaluateCompiledButInterpretedExpression	0,120849	0,002382 us/op	date(2016, 8, 2).weekday	0,114306	0,002857 us/op	0,006543	5% 2,74685139
mark.evaluateCompiledJavaExpressionBenchmark	0,289037	0,01456 us/op	string length("foobar")	0,273427	0,004311 us/op	0,01561	5% 1,07211538
mark.evaluateCompiledButInterpretedExpression	0,427486	0,005275 us/op	substring after("foobar", "bar")	0,404614	0,004009 us/op	0,022872	5% 4,33592417
mark.evaluateCompiledJavaExpressionBenchmark	0,052296	0,001943 us/op	false and null	0,0496	0,000611 us/op	0,002696	5% 1,38754503
mark.evaluateCompiledButInterpretedExpression	0,095765	0,002083 us/op	[13] = [13]	0,090871	0,00248 us/op	0,004894	5% 2,34949592
IDecisionTableAlphaSupportingDraftBench.doTest	0,111681	0,004154 ms/op		0,105976	0,003577 ms/op	0,005705	5% 1,37337506
nstantsBenchmark.evaluateExpressionBenchmark	6,143009	0,073164 us/op	null	5,829413	0,04324 us/op	0,313596	5% 4,28620633
unctionBenchmark.evaluateExpressionBenchmark	41,590406	1,015861 us/op	now()	39,476778	0,370421 us/op	2,113628	5% 2,08062717
mark.evaluateCompiledButInterpretedExpression	0,589767	0,008716 us/op	index of([1, 2, null, null], null)	0,559988	0,004337 us/op	0,029779	5% 3,41659018
	.,	-,	(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	.,	,	.,.=	

mark.evaluateCompiledJavaExpressionBenchmark	0,103048	0,002033 us/op	date("2016-07-29") - duration("P3D")	0,097845	0,001543 us/op	0,005203	5% 2,55927201
mark.evaluateCompiledButInterpretedExpression	0,058586	0,002033 us/op	false and null	0,055645	0,001343 us/op	0,003203	5% 2,02408809
mark.evaluateCompiledJavaExpressionBenchmark	0,295539	0,006905 us/op	{ full name: { first name: "John", last name: "Doe" } }.full name.las	0,280724	0,004339 us/op	0,014815	5% 2,14554671
IDecisionTableAlphaSupportingDraftBench.doTest	0,099524	0,003481 ms/op	(Tail Harrie: (Tirst harrie: 30th) , tast harrie: 30th) , tail harrie: as	0,094563	0,003276 ms/op	0,004961	5% 1,42516518
mark.evaluateCompiledJavaExpressionBenchmark	0,317015	0,004846 us/op	index of([1, 2, null, null], null)	0,30124	0,004567 us/op	0,015775	5% 3,25526207
electionBenchmark.evaluateExpressionBenchmark		1,305314 us/op	date and time("2016-07-29T05:48:23-05:00").second	132,610513	1,030379 us/op	6,943109	5% 5,31911019
mark.evaluateCompiledJavaExpressionBenchmark	0,474969	0,00754 us/op	max("a", "b", "c")	0,451385	0,006133 us/op	0,023584	5% 3,12785146
mark.evaluateCompiledJavaExpressionBenchmark	0,056772		(12]	0,053958	0,000133 us/op	0,002814	5% 1,54785479
IDecisionTableAlphaSupportingDraftBench.doTest	0,102166	0,003392 ms/op	(12)	0,097151	0,002482 ms/op	0,005015	5% 1,47847877
teFewLiteralDecisionBenchmark.evaluateDecision	0,301259	0,0003332 ms/op		0,286791	0,000556 ms/op	0,014468	5% 19,3164219
mark.evaluateCompiledButInterpretedExpression	0,501255	0,00694 us/op	index of([1, 2, 3, 2], 2)	0,563265	0,000530 m3/op	0,027842	5% 4,01181556
mark.evaluateCompiledJavaExpressionBenchmark	0,456603	0,00054 us/op	for x in [10, 20, 30], y in [1, 2, 3] return "foobar"	0,435266	0,007008 us/op	0,021337	5% 2,24081075
mark.evaluateCompiledButInterpretedExpression	0,404354	0,003322 us/op	decimal(1.5213132124, 2)	0,385559	0,006578 us/op	0,021337	5% 2,15094987
teTriangularNumHardBenchmark.evaluateContext	0,028005	0,000738 d3/0p	uccimal(1.5215152124, 2)	0,02671	0,000378 us/op	0,013735	5% 34,0789474
mark.evaluateCompiledButInterpretedExpression	0,028003	0,000038 m3/op	contains("foobar", "of")	0,393158	0,000033 m3/op 0,003779 us/op	0,001293	5% 2,0838198
mark.evaluateCompiledJavaExpressionBenchmark	0,412077	0,003073 us/op	10 between 20 and 30	0,393138	0,003779 us/op 0,002388 us/op	0,018919	5% 7,84642542
peratorBenchmark.evaluateExpressionBenchmark		0,001133 us/op 0,145549 us/op	10 between 5 and 12	10,639217			
	11,144515 0,064834	0,143349 us/op 0,002855 us/op		0,061903	0,119294 us/op 0,002784 us/op	0,505298 0,002931	5% 3,47166933 5% 1,02661996
mark.evaluateCompiledButInterpretedExpression			[12)			-	
mark.evaluateCompiledJavaExpressionBenchmark	0,767348	0,010607 us/op	replace("banana","(an)+", "**") 10 ** 5	0,73272	0,006323 us/op	0,034628	5% 3,26463656
rationsBenchmark.evaluateExpressionBenchmark	10,214598	0,12576 us/op		9,753687	0,139859 us/op	0,460911	5% 3,66500477
ımark.evaluateCompiledButInterpretedExpression	0,106968	0,002589 us/op	time("13:20:00-05:00").minute	0,102189	0,001929 us/op	0,004779	4% 1,84588644
mark.evaluateCompiledButInterpretedExpression	0,137869	0,001394 us/op	duration("P1Y8M") <= duration("P1Y6M")	0,131711	0,001727 us/op	0,006158	4% 4,41750359
mark.evaluateCompiledButInterpretedExpression	0,778395	0,002374 us/op	sublist([1, 2, 3, 4, 5], -5, 3)	0,743768	0,005964 us/op	0,034627	4% 14,5859309
mark.evaluateCompiledJavaExpressionBenchmark	0,243677	0,008875 us/op	{ first name : "Bob", birthday : date("1978-09-12"), salutation : "He	0,232868	0,002008 us/op	0,010809	4% 1,21791549
mark.evaluateCompiledButInterpretedExpression	0,074423	0,001922 us/op	< 10 instance of unary test	0,071158	0,001604 us/op	0,003265	4% 1,6987513
mark.evaluateCompiledButInterpretedExpression	0,145	0,004407 us/op	[1, 2, 3][1]	0,138753	0,000422 us/op	0,006247	4% 1,41751759
mark.evaluateCompiledButInterpretedExpression	0,075637	0,001487 us/op	10 > 20	0,072404	0,001306 us/op	0,003233	4% 2,17417619
mark.evaluateCompiledButInterpretedExpression	0,893659	0,008973 us/op	replace("banana","a","o")	0,855866	0,007954 us/op	0,037793	4% 4,2118578
mark.evaluateCompiledJavaExpressionBenchmark	0,516097	0,007706 us/op	date(date and time("2016-07-29T05:48:23.765-05:00"))	0,494831	0,003463 us/op	0,021266	4% 2,75966779
mark.evaluateCompiledJavaExpressionBenchmark	0,277009		reverse([1, 2, 3])	0,265598	0,003984 us/op	0,011411	4% 3,16972222
ELDateBenchmark.evaluateExpressionBenchmark	140,071739	1,016118 us/op	date(date and time("2016-07-29T05:48:23.765-05:00"))	134,422394	1,137441 us/op	5,649345	4% 5,55973322
nstantsBenchmark.evaluateExpressionBenchmark	6,413102	0,048419 us/op	1.12	6,155555	0,121714 us/op	0,257547	4% 5,31913092
mark.evaluateCompiledJavaExpressionBenchmark	0,487751	0,001429 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	0,468226	0,005606 us/op	0,019525	4% 13,663401
parisonBenchmark.evaluateExpressionBenchmark	60,231767	0,757057 us/op	duration("P1Y8M") > duration("P1Y6M")	57,823401	0,592568 us/op	2,408366	4% 3,18122149
mark.evaluateCompiledButInterpretedExpression	0,585181	0,005593 us/op	{ full name: { first name: "John", last name: "Doe" } }.full name.las	0,561845	0,010919 us/op	0,023336	4% 4,17235831
mark.evaluateCompiledJavaExpressionBenchmark	0,449255	0,009148 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	0,431374	0,00338 us/op	0,017881	4% 1,95463489
mark.evaluateCompiledJavaExpressionBenchmark	0,720657	0,00241 us/op	time(date and time("2016-07-29T14:52:25-05:00"))	0,692177	0,011101 us/op	0,02848	4% 11,8174274
rationsBenchmark.evaluateExpressionBenchmark	9,813434	0,083543 us/op	10 + 5	9,431047	0,153141 us/op	0,382387	4% 4,57712795
unction Benchmark. evaluate Expression Benchmark	43,952047	0,357039 us/op	upper case("aBc4")	42,249958	0,416354 us/op	1,702089	4% 4,76723551
parisonBenchmark.evaluateExpressionBenchmark	8,473342	0,111342 us/op	true != true	8,147772	0,136814 us/op	0,32557	4% 2,92405382
mark.evaluateCompiledJavaExpressionBenchmark	0,118193	0,002457 us/op	duration("P2Y2M") + duration("P1Y1M")	0,113728	0,001833 us/op	0,004465	4% 1,81725682
${\it mark.evaluate Compiled But Interpreted Expression}$	0,217826	0,002699 us/op	10 between 5 and 12	0,20961	0,00257 us/op	0,008216	4% 3,0440904
mark.evaluate Compiled Java Expression Benchmark	0,086369	0,002009 us/op	10 * 5	0,083161	0,0025 us/op	0,003208	4% 1,59681434
mark. evaluate Compiled But Interpreted Expression	0,352067	0,005146 us/op	floor(1.5)	0,338998	0,003561 us/op	0,013069	4% 2,53964244
nmark. evaluate Compiled But Interpreted Expression	0,352431	0,003182 us/op	floor(-1.5)	0,339419	0,003214 us/op	0,013012	4% 4,08925204
electionBenchmark.evaluateExpressionBenchmark	50,802994	0,39375 us/op	duration("P2DT20H14M5S").days	48,958026	0,464757 us/op	1,844968	4% 4,68563302
mark.evaluateCompiledJavaExpressionBenchmark	0,246055	0,002802 us/op	ceiling(1.5)	0,237143	0,003044 us/op	0,008912	4% 3,1805853
mark.evaluateCompiledJavaExpressionBenchmark	0,24144	0,002929 us/op	not("foo")	0,2327	0,004678 us/op	0,00874	4% 2,98395357

mark.evaluateCompiledButInterpretedExpression	0,122061	0,002304 us/op	10.4 != 20.6	0,117691	0,001922 us/op	0,00437	4% 1,89670139
mark.evaluateCompiledJavaExpressionBenchmark	0,09745	0,001021 us/op	time("13:20:00-05:00").second	0,094001	0,001687 us/op	0,003449	4% 3,37806072
unctionBenchmark.evaluateExpressionBenchmark	49,586273	0,610169 us/op	count([1, 2, 3])	47,839158	0,524086 us/op	1,747115	4% 2,86332967
mark.evaluateCompiledButInterpretedExpression	0,080089	0,002725 us/op	1 < 2	0,077306	0,003295 us/op	0,002783	3% 1,0212844
mark.evaluateCompiledJavaExpressionBenchmark	0,12348	0,002723 us/op	duration("P2Y2M") - duration("P1Y1M")	0,119219	0,001277 us/op	0,004261	3% 1,3600383
mark.evaluateCompiledJavaExpressionBenchmark	0,41621	0,005509 us/op	max(["a", "b", "c"])	0,401916	0,004906 us/op	0,014294	3% 2,59466328
mark.evaluateCompiledJavaExpressionBenchmark	0,673417	0,006581 us/op	append([1, 2], 3, 4)	0,650367	0,008916 us/op	0,02305	3% 3,50250722
mark.evaluateCompiledJavaExpressionBenchmark	0,073417	0,000561 us/op	(-10) + 5	0,093875	0,003026 us/op	0,003257	3% 1,24360443
mark.evaluateCompiledButInterpretedExpression	0,361187	0,004079 us/op	ceiling(1.5)	0,349309	0,003386 us/op	0,011878	3% 2,91198823
mark.evaluateCompiledButInterpretedExpression	0,331107	0,004217 us/op	not("foo")	0,32322	0,005380 us/op	0,011373	3% 2,55916528
mark.evaluateCompiledButInterpretedExpression	0,337012	0,004217 us/op	upper case("aBc4")	0,365794	0,003132 us/op	0,010732	3% 2,88467914
mark.evaluateCompiledButInterpretedExpression	2,193189	0,004223 us/op	sort([3, 1, 4, 5, 2], function(x,y) x < y)	2,12266	0,029194 us/op	0,070529	3% 3,24092455
mark.evaluateCompiledJavaExpressionBenchmark	0,642856	0,009037 us/op	substring("foobar", 3, 3)	0,622439	0,006958 us/op	0,020417	3% 2,25926746
mark.evaluateCompiledButInterpretedExpression	0,129595	0,003037 us/op	duration("P2Y2M") + duration("P1Y1M")	0,022433	0,0022 us/op	0,004078	3% 1,91996234
mark.evaluateCompiledButInterpretedExpression	0,730046	0,002124 us/op 0,009156 us/op	max(["a", "b", "c"])	0,707528	0,0022 us/op	0,004078	3% 2,4593709
mark.evaluateCompiledJavaExpressionBenchmark	0,050501	0,000551 us/op	duration("P1Y8M") > duration("P1Y6M")	0,707328	0,000746 us/op	0,022518	3% 2,4393709
rationsBenchmark.evaluateExpressionBenchmark	9,885443	0,000331 us/op 0,09596 us/op	10 - 5	9,584665	0,103812 us/op	0,300778	3% 3,13441017
parisonBenchmark.evaluateExpressionBenchmark	18,81782	0,156656 us/op	[1, 2, 3] != [1, "foo", 3]	18,257037	0,103812 us/op 0,216854 us/op	0,560783	3% 3,57970968
rationsBenchmark.evaluateExpressionBenchmark	57,128176	0,452305 us/op	time("22:57:00") - duration("PT1H1M")	55,42612	0,910216 us/op		3% 3,76307138
·						1,702056	
mark.evaluateCompiledJavaExpressionBenchmark	0,082608	0,001581 us/op	date and time("2016-08-29T05:48:23") > date and time("2016-07-2	0,080171	0,002429 us/op	0,002437	3% 1,54142948
unctionBenchmark.evaluateExpressionBenchmark	44,571278	0,321732 us/op	string(1.1)	43,26018	0,345432 us/op	1,311098	3% 4,07512464
mark.evaluateCompiledJavaExpressionBenchmark	0,161071	0,001129 us/op	date and time("2016-08-29T05:48:23") != date and time("2016-07-	0,156345	0,002674 us/op	0,004726	3% 4,18600531
mark.evaluateCompiledButInterpretedExpression	0,106873	0,001274 us/op	date and time("2016-07-29T05:48:23-05:00").hour	0,103826	0,003365 us/op	0,003047	3% 2,39167975
electionBenchmark.evaluateExpressionBenchmark	54,534258	0,772701 us/op	date(2016, 8, 2).month	53,002627	0,712408 us/op	1,531631	3% 1,9821781
mark.evaluateCompiledJavaExpressionBenchmark	0,090116	0,001768 us/op	date and time("2016-07-29T05:48:23Z") - duration("P1Y1M")	0,087587	0,002132 us/op	0,002529	3% 1,43042986
DMNEvaluateContextBenchmark.evaluateContext	101,125844	0,840891 ms/op		98,295339	0,554422 ms/op	2,830505	3% 3,36607836
electionBenchmark.evaluateExpressionBenchmark		3,448811 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	273,298326	1,847538 us/op	7,761662	3% 2,25053272
mark.evaluateCompiledJavaExpressionBenchmark	0,438296	0,004588 us/op	{ x : "foo", y : [1, 2] } != { y : [1, 2], x : "foo" }	0,426288	0,006141 us/op	0,012008	3% 2,61726242
LRangeBenchmark.evaluateExpressionBenchmark		1,336381 us/op	["a""z"]	131,62674	2,056947 us/op	3,706453	3% 2,77350022
mark.evaluateCompiledButInterpretedExpression	0,1684		date and time("2016-08-29T05:48:23") != date and time("2016-07-	0,163822	0,001713 us/op	0,004578	3% 1,94394904
mark.evaluateCompiledButInterpretedExpression	0,219033	0,003392 us/op	10 between 20 and 30	0,213093	0,003055 us/op	0,00594	3% 1,75117925
mark.evaluateCompiledButInterpretedExpression	0,056043	0,001424 us/op	time("14:52:25")	0,05455	0,00114 us/op	0,001493	3% 1,04845506
mark.evaluateCompiledButInterpretedExpression	0,110812	0,000929 us/op	date("2016-07-29") - duration("P3D")	0,107886	0,001815 us/op	0,002926	3% 3,14962325
unctionBenchmark.evaluateExpressionBenchmark	54,228658	0,376032 us/op	insert before([1, 2, 3], -3, 4)	52,807886	0,47548 us/op	1,420772	3% 3,77832738
mark.evaluateCompiledButInterpretedExpression	0,05683	0,000512 us/op	date and time("2016-07-29T05:48:23-05:00")	0,055342	0,001212 us/op	0,001488	3% 2,90625
teTimeBenchmark.evaluateExpressionBenchmark		1,111065 us/op	date and time(2016, 7, 29, 5, 48, 23)	272,540013	3,149708 us/op	7,247683	3% 6,52318541
electionBenchmark.evaluateExpressionBenchmark		1,137907 us/op	date and time("2016-07-29T05:48:23-05:00").year	135,677982	1,298936 us/op	3,585665	3% 3,15110549
MNE valuate Decision Benchmark. evaluate Decision	19,197634	0,187407 ms/op		18,709114	0,190138 ms/op	0,48852	3% 2,60673294
parisonBenchmark.evaluateExpressionBenchmark	59,105639	0,518729 us/op	duration("P1Y6M") = duration("P1Y6M")	57,602815	0,530619 us/op	1,502824	3% 2,8971274
parisonBenchmark.evaluateExpressionBenchmark	353,2599	4,144373 us/op	date and time("2016-08-29T05:48:23") != date and time("2016-07-	344,324538	4,27023 us/op	8,935362	3% 2,15602264
DecisionTablesSparseBenchmark.evaluateDecision	69,580098	0,498323 ms/op		67,839846	0,266257 ms/op	1,740252	3% 3,4922169
${\tt imark.evaluateCompiledButInterpretedExpression}$	0,124508	0,002961 us/op	true != true	0,121411	0,002412 us/op	0,003097	2% 1,04593043
mark.evaluateCompiledButInterpretedExpression	1,200639	0,01422 us/op	date and time(date("2016-07-29"), time("05:48:23-05:00"))	1,170999	0,014677 us/op	0,02964	2% 2,08438819
electionBenchmark.evaluateExpressionBenchmark	51,351339	0,523716 us/op	time("13:20:00-05:00").hour	50,104552	0,406295 us/op	1,246787	2% 2,38065478
${\tt nmark.evaluateCompiledButInterpretedExpression}$	1,082374	0,007283 us/op	duration("P2Y2M") / 2	1,056414	0,008525 us/op	0,02596	2% 3,56446519
mark.evaluate Compiled Java Expression Benchmark	0,096613	0,002305 us/op	time("13:20:00-05:00").hour	0,094304	0,002649 us/op	0,002309	2% 1,00173536
$unction Benchmark. evaluate {\tt Expression Benchmark}$	46,140592	0,471584 us/op	split("foo;bar baz", "[;]")	45,042122	0,372525 us/op	1,09847	2% 2,32931991
parisonBenchmark.evaluateExpressionBenchmark	8,689145	0,097323 us/op	10.4 < null	8,484294	0,114507 us/op	0,204851	2% 2,10485702

EELListBenchmark.evaluateExpressionBenchmark	10,814961	0,151302 us/op	["a", "b", 15]	10,562898	0,132712 us/op	0,252063	2% 1,66595947
mark.evaluateCompiledJavaExpressionBenchmark	0,180378	0,002068 us/op	date and time("2016-08-29T05:48:23") <= date and time("2016-07	0,176206	0,001399 us/op	0,004172	2% 2,01740812
mark.evaluateCompiledJavaExpressionBenchmark	0,266782	0,002915 us/op	contains("foobar", "of")	0,260687	0,002544 us/op	0,006095	2% 2,09090909
mark.evaluateCompiledButInterpretedExpression	0,121016	0,002199 us/op	true = true	0,11829	0,001971 us/op	0,002726	2% 1,23965439
mark.evaluateCompiledButInterpretedExpression	0,375808	0,002477 us/op	string length("foobar")	0,367444	0,001371 us/op	0,008364	2% 3,37666532
parisonBenchmark.evaluateExpressionBenchmark	8,55455	0,069915 us/op	null = true	8,367547	0,101618 us/op	0,187003	2% 2,6747193
mark.evaluateCompiledJavaExpressionBenchmark	0,598831	0,010648 us/op	sum([1, 2, 3])	0,585927	0,012171 us/op	0,012904	2% 1,21187077
mark.evaluateCompiledButInterpretedExpression	0,099942	0,0010048 us/op	date and time("2016-07-29T05:48:23Z") - duration("P1Y1M")	0,097802	0,002502 us/op	0,00214	2% 2,09393346
mark.evaluateCompiledJavaExpressionBenchmark	0,892713	0,012994 us/op	number("1,000.05", ",", ".")	0,874132	0,002302 us/op	0,018581	2% 1,42996768
rationsBenchmark.evaluateExpressionBenchmark		0,629594 us/op	duration("P2Y2M") / 2	53,490912	0,509102 us/op	1,133686	2% 1,80066201
ContextImplBenchmark.evaluationContextCurrent	11,319615	0,029394 us/op 0,099825 ns/op	udiation(F212IVI) / 2	11,088054	0,089114 ns/op	0,231561	2% 2,31966942
mark.evaluateCompiledButInterpretedExpression	0,966794	0,010324 us/op	append([1, 2], 3, 4)	0,947097	0,083114 H3/0p 0,011843 us/op	0,019697	2% 1,90788454
mark.evaluateCompiledButInterpretedExpression	0,900794	0,010324 us/op	union([1, 2, 1], [2, 3], 2, 4)	0,902494	0,011845 us/op	0,019097	2% 1,35333333
·		4,731467 us/op	date and time("2016-08-29T05:48:23") <= date and time("2016-07	350,533222	3,970335 us/op	7,026206	2% 1,48499525
		0,001036 us/op		0,057438		-	2% 1,10617761
mark.evaluateCompiledButInterpretedExpression	0,058584	·	(12)		0,001681 us/op	0,001146	
unctionBenchmark.evaluateExpressionBenchmark		0,439482 us/op	sum([1, 2, 3])	48,485076	0,494385 us/op	0,963863	2% 2,1931797
parisonBenchmark.evaluateExpressionBenchmark	8,464136	0,111352 us/op	"foo" = "foo"	8,299183	0,110453 us/op	0,164953	2% 1,4813654
unctionBenchmark.evaluateExpressionBenchmark	43,981347	0,308173 us/op	floor(-1.5)	43,125183	0,254674 us/op	0,856164	2% 2,77819277
e.DMNBuildDecisionBenchmark.testBuildKieBase		3,592357 ms/op	40./5	206,910562	2,490558 ms/op	4,08525	2% 1,13720602
rationsBenchmark.evaluateExpressionBenchmark		0,133633 us/op	10 / 5	10,807949	0,10315 us/op	0,20892	2% 1,56338629
peratorBenchmark.evaluateExpressionBenchmark	42,512662	0,38568 us/op	not("foo")	41,722145	0,31261 us/op	0,790517	2% 2,04967071
unctionBenchmark.evaluateExpressionBenchmark	73,885515	0,687402 us/op	sort(precedes : function(x,y) x < y, list : [3, 1, 4, 5, 2])	72,540131	0,591571 us/op	1,345384	2% 1,95720117
mark.evaluateCompiledButInterpretedExpression	0,307641	0,003954 us/op	[1, 2, 3] = [1, 2, 3]	0,302141	0,003752 us/op	0,0055	2% 1,39099646
parisonBenchmark.evaluateExpressionBenchmark	8,871946	0,058592 us/op	15.25 = 15.25	8,714033	0,0784 us/op	0,157913	2% 2,69512903
rationsBenchmark.evaluateExpressionBenchmark	57,180264	0,683984 us/op	time("22:57:00") + duration("PT1H1M")	56,172356	0,648518 us/op	1,007908	2% 1,47358418
unctionBenchmark.evaluateExpressionBenchmark	44,82271	0,336214 us/op	contains("foobar", "ob")	44,055319	0,397456 us/op	0,767391	2% 2,28244808
LRangeBenchmark.evaluateExpressionBenchmark		1,699225 us/op	(12)	130,897556	1,893035 us/op	2,240385	2% 1,3184746
rationsBenchmark.evaluateExpressionBenchmark	53,255539	0,376448 us/op	duration("P2Y2M") * 2	52,364817	0,555065 us/op	0,890722	2% 2,36612228
mark.evaluateCompiledJavaExpressionBenchmark	0,305935	0,003505 us/op	substring after("foobar", "bar")	0,300871	0,003388 us/op	0,005064	2% 1,44479315
mark.evaluateCompiledButInterpretedExpression	0,110797	0,00134 us/op	date(2016, 8, 2).year	0,108972	0,003291 us/op	0,001825	2% 1,3619403
electionBenchmark.evaluateExpressionBenchmark	51,038146	0,387285 us/op	time("13:20:00-05:00").second	50,205863	0,37413 us/op	0,832283	2% 2,14901946
${\tt imark.evaluateCompiledButInterpretedExpression}$	0,671946	0,007658 us/op	date(date and time("2016-07-29T05:48:23.765-05:00"))	0,66117	0,006042 us/op	0,010776	2% 1,40715592
electionBenchmark.evaluateExpressionBenchmark	50,097331	0,542297 us/op	duration("P2DT20H14M5S").seconds	49,295416	0,453738 us/op	0,801915	2% 1,47873767
$unction Benchmark. evaluate {\tt Expression Benchmark}$	51,844014	0,258529 us/op	remove([1, 2, 3], -3)	51,014362	0,553156 us/op	0,829652	2% 3,20912548
LRange Benchmark. evaluate Expression Benchmark	132,489155	1,242315 us/op	[12]	130,412261	1,181614 us/op	2,076894	2% 1,67179339
${\tt nmark.evaluateCompiledButInterpretedExpression}$	0,478235	0,004423 us/op	some price in [80, 11, 110] satisfies price > 100	0,470755	0,003506 us/op	0,00748	2% 1,69115985
mark. evaluate Compiled Java Expression Benchmark	0,459078	0,006952 us/op	count(1, 2, 3)	0,452104	0,009705 us/op	0,006974	2% 1,00316456
rationsBenchmark.evaluateExpressionBenchmark	61,253073	0,379682 us/op	duration("P2Y2M") + duration("P1Y1M")	60,337183	0,440661 us/op	0,91589	1% 2,41225552
$par is on Benchmark. evaluate {\tt Expression Benchmark}$	8,293849	0,114991 us/op	"foo" < "bar"	8,171013	0,088335 us/op	0,122836	1% 1,06822273
electionBenchmark.evaluateExpressionBenchmark	135,97531	0,94993 us/op	date and time("2016-07-29T05:48:23-05:00").day	133,97837	1,579104 us/op	1,99694	1% 2,102197
ELTimeBenchmark.evaluateExpressionBenchmark	45,608437	0,56377 us/op	time("14:52:25")	44,955589	0,464825 us/op	0,652848	1% 1,15800415
mark.evaluateCompiledJavaExpressionBenchmark	0,390155	0,003715 us/op	{ full name : { first name: "Bob", last name : "Doe" }, birthday : dat	0,384693	0,002017 us/op	0,005462	1% 1,47025572
unctionBenchmark.evaluateExpressionBenchmark	47,003738	0,504913 us/op	count(1, 2, 3)	46,357462	0,834286 us/op	0,646276	1% 1,27997497
teTimeBenchmark.evaluateExpressionBenchmark	119,204502	1,180467 us/op	date and time("2016-07-29T05:48:23-05:00")	117,627954	1,207203 us/op	1,576548	1% 1,33552907
electionBenchmark.evaluateExpressionBenchmark	284,071376	3,454819 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	280,315693	3,16729 us/op	3,755683	1% 1,08708531
unctionBenchmark.evaluateExpressionBenchmark	47,98911	0,54816 us/op	min(["a", "b", "c"])	47,367421	0,42758 us/op	0,621689	1% 1,13413784
unctionBenchmark.evaluateExpressionBenchmark	46,666564	0,368063 us/op	min("a", "b", "c")	46,073549	0,485832 us/op	0,593015	1% 1,61117798
unctionBenchmark.evaluateExpressionBenchmark	52,250553	0,644553 us/op	index of([1, 2, 3, 2], 2)	51,590334	0,679326 us/op	0,660219	1% 1,02430522

unctionBenchmark.evaluateExpressionBenchmark	45,155292	0,473662 us/op	matches("two \n lines", "two.*lines")	44,597908	0,533975 us/op	0,557384	1% 1,17675473
unctionBenchmark.evaluateExpressionBenchmark	45,263165	0,513071 us/op	substring before("foobar", "bar")	44,714926	0,594744 us/op	0,548239	1% 1,06854412
mark.evaluateCompiledButInterpretedExpression	0,217532	0,002285 us/op	today()	0,214901	0,003841 us/op	0,002631	1% 1,15142232
unctionBenchmark.evaluateExpressionBenchmark	45,676783	0,262223 us/op	substring after("foobar", "bar")	45,128341	0,440201 us/op	0,548442	1% 2,0915099
rationsBenchmark.evaluateExpressionBenchmark	59,092572	0,693518 us/op	duration("P2Y2M") * duration("P1Y1M")	58,397574	0,319095 us/op	0,694998	1% 1,00213405
mark.evaluateCompiledButInterpretedExpression		0,093318 us/op 0,002273 us/op		0,289758	0,003149 us/op	0,003389	1% 1,49098108
·	0,293147		[1, 2, 3] != [1, "foo", 3]				
parisonBenchmark.evaluateExpressionBenchmark	18,953765	0,193971 us/op	[1, 2, 3] = [1, 2, 3]	18,75098	0,1654 us/op	0,202785	1% 1,04543978
rationsBenchmark.evaluateExpressionBenchmark	56,510244	0,546998 us/op	date("2016-07-29") - duration("P3D")	55,907745	0,50508 us/op	0,602499	1% 1,10146472
mark.evaluateCompiledJavaExpressionBenchmark	33,841131	0,249917 us/op	["a", "b", "c"][item = "a"]	33,482684	0,379468 us/op	0,358447	1% 1,43426418
unctionBenchmark.evaluateExpressionBenchmark	44,823846	0,398334 us/op	starts with("foobar", "of")	44,351188	0,60104 us/op	0,472658	1% 1,18658714
urationBenchmark.evaluateExpressionBenchmark	45,555029	0,337754 us/op	duration("P2DT20H14M")	45,100021	0,428849 us/op	0,455008	1% 1,34715799
peratorBenchmark.evaluateExpressionBenchmark	13,165948	0,092225 us/op	"foo" in (10, false, "foo")	13,068138	0,033511 us/op	0,09781	1% 1,06055842
ContextBenchmark.evaluateExpressionBenchmark	63,851736	0,490151 us/op	{ first name : "Bob", birthday : date("1978-09-12"), salutation : "He	64,344651	0,58653 us/op	-0,492915	-1% 1,00563908
eDecisionTableBenchmark.evaluateDecisionTable	0,14589	0,000173 ms/op	[-1-1-/ 4070-00-43) -1-1-/ 4070-40-43 \]	0,147124	0,000199 ms/op	-0,001234	-1% 7,13294798
LRangeBenchmark.evaluateExpressionBenchmark		2,270469 us/op	[date("1978-09-12")date("1978-10-13")]	295,774107	2,550168 us/op	-2,573374	-1% 1,13341076
mark.evaluateCompiledJavaExpressionBenchmark	0,26966	0,002455 us/op	decimal(1.5213132124, 2)	0,27216	0,001733 us/op	-0,0025	-1% 1,01832994
rationsBenchmark.evaluateExpressionBenchmark	9,772764	0,072251 us/op	10 * 5	9,868839	0,165229 us/op	-0,096075	-1% 1,32973938
mark.evaluateCompiledJavaExpressionBenchmark	0,537746	0,004449 us/op	string(date("2016-08-14"))	0,543339	0,01184 us/op	-0,005593	-1% 1,25713644
mark.evaluateCompiledJavaExpressionBenchmark	0,271265	0,002826 us/op	upper case("aBc4")	0,274233	0,003719 us/op	-0,002968	-1% 1,0502477
unctionBenchmark.evaluateExpressionBenchmark	52,731235	0,52961 us/op	distinct values([1, 2, 3, 2, 4])	53,327226	0,46756 us/op	-0,595991	-1% 1,1253394
parisonBenchmark.evaluateExpressionBenchmark	8,289264	0,083268 us/op	"foo" >= "bar"	8,385622	0,087575 us/op	-0,096358	-1% 1,15720325
mark.evaluateCompiledJavaExpressionBenchmark	0,192135	0,00128 us/op	10 between 5 and 12	0,194395	0,002601 us/op	-0,00226	-1% 1,765625
nstantsBenchmark.evaluateExpressionBenchmark	42,122461	0,437371 us/op	foo bar	42,622736	0,415499 us/op	-0,500275	-1% 1,14382298
ressionBenchmark.evaluateExpressionBenchmark	87,495475	0,932995 us/op	some price in [80, 11, 110] satisfies price > 100	88,544946	0,527773 us/op	-1,049471	-1% 1,12484097
electionBenchmark.evaluateExpressionBenchmark	53,535841	0,574751 us/op	date(2016, 8, 2).weekday	54,184531	0,614961 us/op	-0,64869	-1% 1,12864527
peratorBenchmark.evaluateExpressionBenchmark	14,014687	0,15003 us/op	10 in (3, 10, 20)	14,189308	0,067133 us/op	-0,174621	-1% 1,16390722
${\tt imark.evaluateCompiledButInterpretedExpression}$	0,719327	0,008428 us/op	string(date("2016-08-14"))	0,728861	0,018552 us/op	-0,009534	-1% 1,13122924
${\tt mark.evaluateCompiledButInterpretedExpression}$	0,566092	0,004603 us/op	years and months duration(date("2011-12-22"), date("2013-08-24	0,573621	0,00608 us/op	-0,007529	-1% 1,63567239
$unction Benchmark. evaluate {\tt Expression Benchmark}$	48,161552	0,623636 us/op	count([1, 2, 3])	48,849086	0,599753 us/op	-0,687534	-1% 1,10246041
perator Benchmark. evaluate Expression Benchmark	10,562455	0,089982 us/op	10 between 20 and 30	10,716739	0,075764 us/op	-0,154284	-1% 1,71460959
electionBenchmark.evaluateExpressionBenchmark	50,858916	0,509554 us/op	time("13:20:00-05:00").minute	51,607064	0,589589 us/op	-0,748148	-1% 1,46824085
$unction Benchmark. evaluate {\tt Expression Benchmark}$	43,510943	0,463817 us/op	lower case("aBc4")	44,158495	0,318209 us/op	-0,647552	-1% 1,39613684
unction Benchmark. evaluate Expression Benchmark	45,707431	0,520634 us/op	substring("foobar", 3)	46,39079	0,349169 us/op	-0,683359	-1% 1,31255162
mark.evaluateCompiledJavaExpressionBenchmark	1,105972	0,015941 us/op	duration("P2Y2M") / 2	1,122696	0,020126 us/op	-0,016724	-2% 1,04911862
ess Knowledge Model Benchmark. test Build Kie Base	264,752134	2,651619 ms/op		268,810273	3,239131 ms/op	-4,058139	-2% 1,5304382
mark. evaluate Compiled But Interpreted Expression	0,308064	0,002877 us/op	[1, 2, 3] != [1, 2, 3]	0,312792	0,001547 us/op	-0,004728	-2% 1,64337852
ndLoopBenchmark.evaluateExpressionBenchmark	12,983815	0,15277 us/op	if 2 > 1 then "yey" else "nay"	13,183727	0,104075 us/op	-0,199912	-2% 1,30858153
unctionBenchmark.evaluateExpressionBenchmark	44,871957	0,374057 us/op	matches("banana", "[a-z]{3}")	45,570546	0,416777 us/op	-0,698589	-2% 1,86760039
unctionBenchmark.evaluateExpressionBenchmark	39,813647	0,281974 us/op	today()	40,447762	0,414588 us/op	-0,634115	-2% 2,24884209
unctionBenchmark.evaluateExpressionBenchmark	47,482316	0,415922 us/op	count(1, 2, 3)	48,283787	0,521268 us/op	-0,801471	-2% 1,92697429
mark.evaluateCompiledButInterpretedExpression	0,543711	0,004853 us/op	remove([1, 2, 3], 1)	0,552921	0,012439 us/op	-0,00921	-2% 1,89779518
parisonBenchmark.evaluateExpressionBenchmark	266,052182	2,899271 us/op	[13] = [13]	270,599117	3,90163 us/op	-4,546935	-2% 1,56830286
ryLogicBenchmark.evaluateExpressionBenchmark	7,868141	0,074572 us/op	false or true	8,00999	0,171891 us/op	-0,141849	-2% 1,90217508
electionBenchmark.evaluateExpressionBenchmark	68,680624	0,591667 us/op	[{x:1, y:2}, {x:2, y:3}].y	69,937437	0,333238 us/op	-1,256813	-2% 2,12418979
unctionBenchmark.evaluateExpressionBenchmark	43,826752	0,409989 us/op	string length("foobar")	44,633096	0,898329 us/op	-0,806344	-2% 1,96674545
parisonBenchmark.evaluateExpressionBenchmark	13,793507	0,168966 us/op	{ x : "foo" } != { x : "foo" }	14,051521	0,126283 us/op	-0,258014	-2% 1,52701727
mark.evaluateCompiledJavaExpressionBenchmark	0,264422	0,004324 us/op	some price in [80, 11, 110] satisfies price > 100	0,269386	0,001924 us/op	-0,004964	-2% 1,1480111
mark.evaluateCompiledJavaExpressionBenchmark	0,096087	0,000797 us/op	date and time("2016-07-29T05:48:23-05:00").second	0,097896	0,002245 us/op	-0,001809	-2% 2,26976161
	,	, , , , , , ,	,	,	, , , , , ,	,	,

parisonBenchmark.evaluateExpressionBenchmark 8,871286 0,109236 us/op 10 > 20 9,043908 0,03898 us/op -0,172622	-2% 1,58026658
ne.DMNBuildKJarBenchmark.createDMNRuntime 310,92008 2,331458 ms/op -6,454607	-2% 2,76848521
peratorBenchmark.evaluateExpressionBenchmark 43,568416 0,296254 us/op not(true) 44,495767 0,970971 us/op -0,927351	-2% 3,13025647
electionBenchmark.evaluateExpressionBenchmark 52,675122 0,512639 us/op date(2016, 8, 2).year 53,840691 0,412955 us/op -1,165569	-2% 2,27366431
mark.evaluateCompiledButInterpretedExpression 0,105041 0,001812 us/op time("13:20:00-05:00").second 0,107391 0,002924 us/op -0,00235	-2% 1,29690949
1.example.DMNCH11ExampleBenchmark.evaluate 0,70158 0,014024 ms/op 0,717337 0,016698 ms/op -0,015757	-2% 1,12357387
mark.evaluateCompiledJavaExpressionBenchmark	-2% 2,34268833
mark.evaluateCompiledButInterpretedExpression 0,920717 0,013803 us/op sum([1, 2, 3]) 0,941783 0,010624 us/op -0,021066	-2% 1,52618996
mark.evaluateCompiledJavaExpressionBenchmark 0,136896 0,001725 us/op [1, 2, 3]!=[1, 2, 3] 0,140083 0,002686 us/op -0,003187	-2% 1,84753623
unctionBenchmark.evaluateExpressionBenchmark 47,059528 0,480731 us/op sum(1, 2, 3) 48,161596 0,309911 us/op -1,102068	-2% 2,29248374
mark.evaluateCompiledButInterpretedExpression 1,053082 0,011866 us/op duration("P1Y1M") 1,078022 0,018444 us/op -0,02494	-2% 2,10180347
mark.evaluateCompiledButInterpretedExpression 0,313006 0,006358 us/op 10 in (3, 10, 20) 0,320467 0,002658 us/op -0,007461	-2% 1,17348223
mark.evaluateCompiledButInterpretedExpression 0,084538 0,001355 us/op time("22:57:00") + duration("PT1H1M") 0,086567 0,001801 us/op -0,002029	-2% 1,49741697
mark.evaluateCompiledButInterpretedExpression 0,001933 us/op date and time("2016-08-29T05:48:23") <= date and time("2016-07 0,203788 0,001023 us/op -0,004807	-2% 2,81605155
rationsBenchmark.evaluateExpressionBenchmark 59,747075 0,610898 us/op duration("P1Y1M") 61,201817 0,550985 us/op -1,454742	-2% 2,81003133 -2% 2,38131734
unctionBenchmark.evaluateExpressionBenchmark 45,738879 0,397012 us/op number("1,000.05", ",", ".") 46,89249 0,476351 us/op -1,153611	-3% 2,90573333
mark.evaluateCompiledButInterpretedExpression 0,850633 0,017662 us/op sort([3, 1, 4, 5, 2]) 0,872719 0,014952 us/op -0,022086	-3% 2,90373333 -3% 1,25048126
parisonBenchmark.evaluateExpressionBenchmark 8,882742 0,057754 us/op 10.4 != 20.6 9,114374 0,114764 us/op -0,231632	-3% 1,23048120 -3% 4,01066593
mark.evaluateCompiledButInterpretedExpression 0,526813 0,003422 us/op years and months duration(date("2011-12-22"), date("2013-08-24 0,540589 0,00427 us/op -0,013776	-3% 4,01000595 -3% 4,02571596
	-3% 4,02371390 -3% 2,70745471
	-3% 2,70743471 -3% 3,28013279
	·
mark.evaluateCompiledJavaExpressionBenchmark 0,150945 0,003034 us/op date and time("2016-07-29T05:48:23") = date and time("2016-07-2 0,155277 0,00297 us/op -0,004332	-3% 1,42781806
electionBenchmark.evaluateExpressionBenchmark 132,396729 0,66316 us/op date and time("2016-07-29T05:48:23-05:00").minute 136,232644 1,564199 us/op -3,835915	-3% 5,78429791
mark.evaluateCompiledJavaExpressionBenchmark 0,201258 0,002074 us/op 10 in (3, 10, 20) 0,2071 0,002241 us/op -0,005842	-3% 2,81677917
unctionBenchmark.evaluateExpressionBenchmark 47,414664 0,431484 us/op max(["a", "b", "c"]) 48,807559 1,066861 us/op -1,392895	-3% 3,22814983
mark.evaluateCompiledJavaExpressionBenchmark 0,297991 0,002869 us/op not(10 = 3) 0,306818 0,004857 us/op -0,008827	-3% 3,07668177
mark.evaluateCompiledButInterpretedExpression 0,076764 0,00195 us/op 10 ** 5 0,079065 0,002252 us/op -0,002301	-3% 1,18
mark.evaluateCompiledButInterpretedExpression 0,057913 0,000951 us/op false or true 0,059672 0,001967 us/op -0,001759	-3% 1,84963197
unctionBenchmark.evaluateExpressionBenchmark 44,713855 0,571466 us/op ends with("foobar", "of") 46,074024 1,48053 us/op -1,360169	-3% 2,38013985
parisonBenchmark.evaluateExpressionBenchmark 339,839647 2,152068 us/op date and time("2016-08-29T05:48:23") > date and time("2016-07-2 350,317363 5,093758 us/op -10,477716	-3% 4,86867329
mark.evaluateCompiledJavaExpressionBenchmark 0,050994 0,000959 us/op foo bar 0,052605 0,001889 us/op -0,001611	-3% 1,67987487
mark.evaluateCompiledButInterpretedExpression 0,914338 0,005504 us/op time(date and time("2016-07-29T14:52:25-05:00")) 0,943575 0,017543 us/op -0,029237	-3% 5,31195494
parisonBenchmark.evaluateExpressionBenchmark 13,404436 0,170042 us/op { x : "foo" } 13,839242 0,161228 us/op -0,434806	-3% 2,55705061
mark.evaluateCompiledJavaExpressionBenchmark 0,094642 0,001633 us/op date and time("2016-07-29T05:48:23-05:00").month 0,097734 0,000635 us/op -0,003092	-3% 1,89344764
electionBenchmark.evaluateExpressionBenchmark 149,911279 1,172314 us/op date and time("2016-07-29T05:48:23-05:00").time offset 154,819671 1,567392 us/op -4,908392	-3% 4,18692603
mark.evaluateCompiledJavaExpressionBenchmark 0,273201 0,0017 us/op ends with("foobar", "bar") 0,282169 0,001667 us/op -0,008968	-3% 5,27529412
mark.evaluateCompiledJavaExpressionBenchmark 0,05111 0,000305 us/op true and true 0,052798 0,002258 us/op -0,001688	-3% 5,53442623
ContextBenchmark.evaluateExpressionBenchmark 119,194758 0,759541 us/op { full name : { first name: "Bob", last name : "Doe" }, birthday : dat 123,26424 0,431757 us/op -4,069482	-3% 5,35781742
mark.evaluateCompiledButInterpretedExpression 0,104902 0,002156 us/op date and time("2016-07-29T05:48:23-05:00").time offset 0,108559 0,001589 us/op -0,003657	-3% 1,69619666
parisonBenchmark.evaluateExpressionBenchmark 262,655815 1,557084 us/op [13] != [13] 272,012658 3,084464 us/op -9,356843	-4% 6,00920888
ryLogicBenchmark.evaluateExpressionBenchmark 8,159724 0,105545 us/op false and null 8,450509 0,052777 us/op -0,290785	-4% 2,75508077
mark.evaluateCompiledButInterpretedExpression 0,628979 0,007764 us/op count(1, 2, 3) 0,651896 0,011104 us/op -0,022917	-4% 2,95170015
IDecisionTableAlphaSupportingDraftBench.doTest	-4% 1,22345639
mark.evaluateCompiledJavaExpressionBenchmark 0,067463 0,002431 us/op [date("1978-09-12")date("1978-10-13")] 0,069969 0,002436 us/op -0,002506	-4% 1,0308515
unctionBenchmark.evaluateExpressionBenchmark 53,090591 0,486126 us/op insert before([1, 2, 3], 3, 4) 55,156387 1,4747 us/op -2,065796	-4% 4,24950733
n.example.DMNCH11ExampleBenchmark.evaluate 0,66919 0,009488 ms/op -0,026832	-4% 2,82799325
mark.evaluateCompiledButInterpretedExpression 0,069896 0,000567 us/op 10 in (510] 0,072715 0,00058 us/op -0,002819	-4% 4,97178131
mark.evaluateCompiledButInterpretedExpression 0,725216 0,007509 us/op list contains([1, 2, 3], 5) 0,755396 0,010156 us/op -0,03018	-4% 4,01917699

ELTimeBenchmark.evaluateExpressionBenchmark	134.544606	0,465991 us/op	time(date and time("2016-07-29T14:52:25-05:00"))	140,326025	1,529372 us/op	-5,781419	-4%	12,4067182
mark.evaluateCompiledJavaExpressionBenchmark	0,066116	0,000602 us/op	if 2 < 1 then "yey" else "nay"	0,068979	0,001404 us/op	-0,002863		4,75581395
mark.evaluateCompiledButInterpretedExpression	0,177545	0,002571 us/op	10 in (> 50, < 5)	0,185289	0,003055 us/op	-0,007744		3,01205757
mark.evaluateCompiledJavaExpressionBenchmark	0,279454	0,003821 us/op	lower case("aBc4")	0,291663	0,004068 us/op	-0,012209		3,19523685
mark.evaluateCompiledJavaExpressionBenchmark	0,051907	0,001722 us/op	false or true	0,054197	0,003303 us/op	-0,00229		1,32984901
mark.evaluateCompiledJavaExpressionBenchmark	0,458227	0,006578 us/op	min("a", "b", "c")	0,478827	0,012693 us/op	-0,0206		3,13165096
mark.evaluateCompiledButInterpretedExpression	0,056739	0,001248 us/op	duration("P2DT20H14M")	0,059295	0,001899 us/op	-0,002556	_	2,04807692
mark.evaluateCompiledButInterpretedExpression	0,724755	0,007013 us/op	sublist([1, 2, 3, 4, 5], 3, 2)	0,757457	0,01322 us/op	-0,032702		4,66305433
mark.evaluateCompiledJavaExpressionBenchmark	0,091148	0,001602 us/op	time("13:20:00-05:00").time offset	0,095286	0,002831 us/op	-0,004138		2,58302122
mark.evaluateCompiledButInterpretedExpression	0,102743	0,002423 us/op	duration("P2DT20H14M5S").minutes	0,107416	0,001874 us/op	-0,004673		1,92860091
mark.evaluateCompiledJavaExpressionBenchmark	0,052748	0,00143 us/op	date and time("2016-07-29T05:48:23")	0,055196	0,002284 us/op	-0,002448		1,71188811
mark.evaluateCompiledButInterpretedExpression	0,063626	0,001133 us/op	false and false or true	0,066732	0,001485 us/op	-0,003106		2,74139453
mark.evaluateCompiledJavaExpressionBenchmark	0,078742	0,001079 us/op	"foo" < "bar"	0,082695	0,002791 us/op	-0,003953		3,66357739
mark.evaluateCompiledJavaExpressionBenchmark	0,11432	0,002595 us/op	duration("P1Y8M") != duration("P1Y6M")	0,120225	0,002275 us/op	-0,005905		2,27552987
mark.evaluateCompiledJavaExpressionBenchmark	0,293339	0,008999 us/op	starts with("foobar", "of")	0,308827	0,019284 us/op	-0,015488		1,72108012
mark.evaluateCompiledButInterpretedExpression	1,429461	0,013192 us/op	date and time(2016, 7, 29, 5, 48, 23)	1,505304	0,02123 us/op	-0,075843		5,74916616
ryLogicBenchmark.evaluateExpressionBenchmark	7,981553	0,065268 us/op	true and true	8,406533	0,099354 us/op	-0,42498		6,51130723
mark.evaluateCompiledJavaExpressionBenchmark	0,059962	0,0014 us/op	[12]	0,063165	0,002697 us/op	-0,003203		2,28785714
mark.evaluateCompiledJavaExpressionBenchmark	0,112344	0,00183 us/op	true = true	0,118579	0,003769 us/op	-0,006235		3,40710383
ndLoopBenchmark.evaluateExpressionBenchmark	12,891539	0,161044 us/op	if 2 < 1 then "yey" else "nay"	13,609707	0,123425 us/op	-0,718168	_	4,45945208
ressionBenchmark.evaluateExpressionBenchmark		1,03729 us/op	{ full name: { first name: "John", last name: "Doe" } }.full name.las	188,436569	1,472578 us/op	-9,958491		9,60048877
mark.evaluateCompiledJavaExpressionBenchmark	0,06659	0,001631 us/op	today()	0,070397	0,002786 us/op	-0,003807		2,33415083
mark.evaluateCompiledJavaExpressionBenchmark	0,118159	0,001882 us/op	"foo" != "bar"	0,124937	0,002682 us/op	-0,006778		3,60148778
mark.evaluateCompiledButInterpretedExpression	0,101272	0,00131 us/op	duration("P2DT20H14M5S").seconds	0,10752	0,002295 us/op	-0,006248		4,76946565
mark.evaluateCompiledJavaExpressionBenchmark	0,095689	0,001949 us/op	10 in (> 50, < 5)	0,101612	0,00155 us/op	-0,005923		3,03899436
mark.evaluateCompiledJavaExpressionBenchmark	0,387653	0,005296 us/op	insert before([1, 2, 3], -3, 4)	0,412087	0,010162 us/op	-0,024434	-6%	_
mark.evaluateCompiledJavaExpressionBenchmark	0,133366	0,003571 us/op	[1, 2, 3] = [1, 2, 3]	0,141877	0,002107 us/op	-0,008511	-6%	-
DMNEvaluatePojoInputBenchmark.evaluateModel	0,006205	0,000034 ms/op		0,006601	0,00003 ms/op	-0,000396	-6%	11,6470588
mark.evaluateCompiledButInterpretedExpression	7,026395	0,051766 us/op	sort(precedes : function(x,y) x < y, list : [3, 1, 4, 5, 2])	7,480449	0,102938 us/op	-0,454054	-6%	8,77127845
mark.evaluateCompiledJavaExpressionBenchmark	0,086347	0,001849 us/op		0,091931	0,001259 us/op	-0,005584	-6%	3,02001082
mark.evaluateCompiledJavaExpressionBenchmark	0,051188	0,00068 us/op	10 in (510]	0,054532	0,002078 us/op	-0,003344	I -7%	4,91764706
parisonBenchmark.evaluateExpressionBenchmark	8,138624	0,090713 us/op	true = false	8,686335	0,090317 us/op	-0,547711	-7%	6,03784463
mark.evaluateCompiledButInterpretedExpression	0,09914	0,001632 us/op	time("13:20:00-05:00").time offset	0,105889	0,002512 us/op	-0,006749	-7%	4,13541667
mark.evaluateCompiledButInterpretedExpression	0,048869	0,000865 us/op	1.12	0,052242	0,001228 us/op	-0,003373	-7%	3,89942197
mark.evaluateCompiledJavaExpressionBenchmark	0,055842	0,002353 us/op	[12)	0,059713	0,004498 us/op	-0,003871	-7%	1,64513387
mark.evaluateCompiledButInterpretedExpression	0,054256	0,000326 us/op	true and true	0,058042	0,001687 us/op	-0,003786	I -7%	11,6134969
mark.evaluateCompiledJavaExpressionBenchmark	0,06326	0,000754 us/op	10 > 20	0,067913	0,0013 us/op	-0,004653	-7%	6,17108753
mark.evaluateCompiledButInterpretedExpression	0,137142	0,002293 us/op	duration("P2Y2M") - duration("P1Y1M")	0,147763	0,003097 us/op	-0,010621	-8%	4,63192324
mark.evaluateCompiledJavaExpressionBenchmark	0,076845	0,00108 us/op	[13] != [13]	0,083095	0,002428 us/op	-0,00625	-8%	5,78703704
mark.evaluateCompiledButInterpretedExpression	0,100439	0,002962 us/op	10 - 5	0,109061	0,001494 us/op	-0,008622	-9%	2,91087103
mark.evaluateCompiledJavaExpressionBenchmark	0,049625	0,001481 us/op	10 instance of number	0,053908	0,002664 us/op	-0,004283	-9%	2,89196489
mark.evaluateCompiledJavaExpressionBenchmark	0,049618	0,000612 us/op	true and null	0,054114	0,002197 us/op	-0,004496	-9%	7,34640523
IDecision Table Alpha Supporting Draft Bench. do Test	0,103834	0,003353 ms/op		0,113446	0,004019 ms/op	-0,009612	-9%	2,86668655
mark.evaluateCompiledJavaExpressionBenchmark	0,093314	0,001724 us/op	date and time("2016-07-29T05:48:23-05:00").minute	0,103415	0,003954 us/op	-0,010101	-11%	5,85904872
mark.evaluate Compiled Java Expression Benchmark	0,048935	0,000377 us/op	1.12	0,054271	0,00203 us/op	-0,005336	-11%	14,1538462
mark.evaluateCompiledJavaExpressionBenchmark	0,048662	0,000543 us/op	null	0,054129	0,00289 us/op	-0,005467	-11%	10,06814
mark.evaluateCompiledJavaExpressionBenchmark	0,049901	0,000275 us/op	["a""z"]	0,055526	0,000888 us/op	-0,005625		20,4545455
IDecision Table Alpha Supporting Draft Bench. do Test	0,096113	0,00416 ms/op		0,107795	0,005126 ms/op	-0,011682	-12%	2,80817308

mark.evaluateCompiledJavaExpressionBenchmark	0,085735	0,000452 us/op	date and time("2016-07-29T05:48:23-05:00").time offset	0,096349	0,00211 us/op	-0,010614	-12% 23,4823009
mark.evaluateCompiledJavaExpressionBenchmark	0,048111	0,000687 us/op	"foo" instance of any	0,054779	0,002492 us/op	-0,006668	-14% 9,70596798
mark.evaluateCompiledJavaExpressionBenchmark	0,068662	0,001838 us/op	now()	0,078308	0,007383 us/op	-0,009646	-14% 5,24809576
mark.evaluateCompiledButInterpretedExpression	0,079882	0,001793 us/op	[date("1978-09-12")date("1978-10-13")]	0,091442	0,014053 us/op	-0,01156	-14% 6,44729504
teTriangularNumHardBenchmark.evaluateContext	0,069866	0,000607 ms/op		0,090322	0,000797 ms/op	-0,020456	-29% 33,7001647