

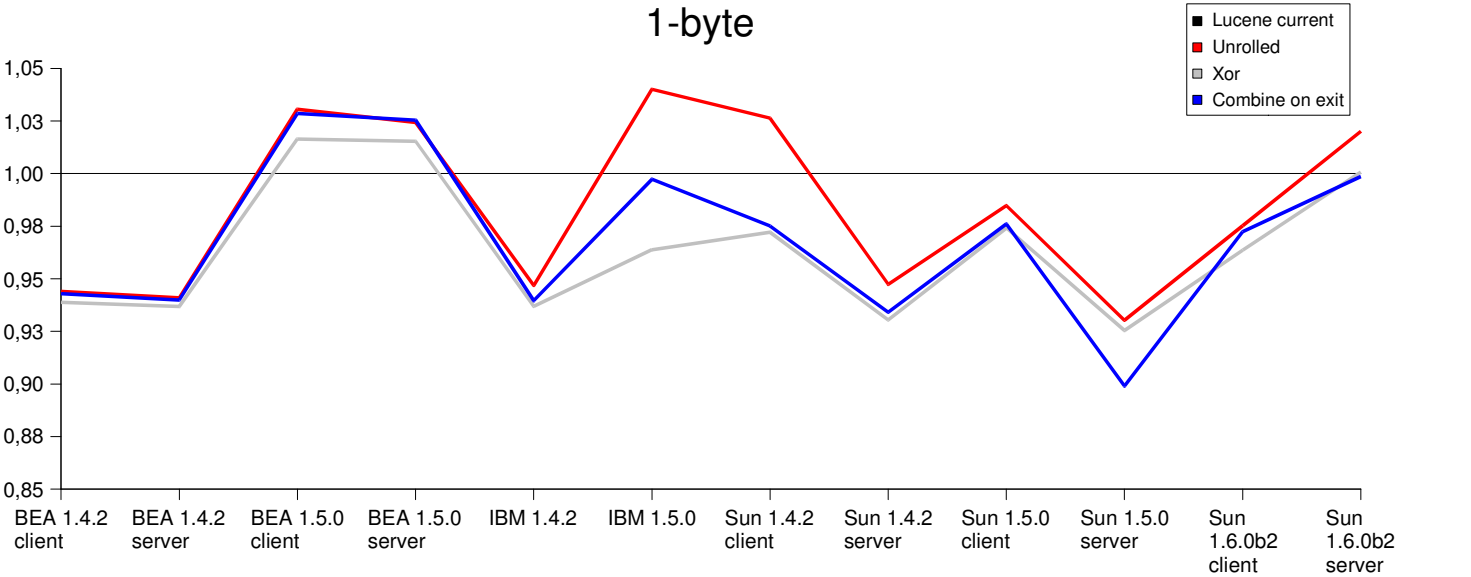
BEA Systems, Inc. BEA JRockit(R) R26.4.0-63-63688-1.4.2\_11-20060626-2259-win-ia32 client  
BEA Systems, Inc. BEA JRockit(R) R26.4.0-63-63688-1.4.2\_11-20060626-2259-win-ia32 server  
BEA Systems, Inc. BEA JRockit(R) R26.4.0-63-63688-1.5.0\_06-20060626-2259-win-ia32 client  
BEA Systems, Inc. BEA JRockit(R) R26.4.0-63-63688-1.5.0\_06-20060626-2259-win-ia32 server  
IBM Corporation Classic VM 1.4.2 J2RE 1.4.2 IBM Windows 32 build cn142-20050609...  
IBM Corporation IBM J9 VM 2.3 J2RE 1.5.0 IBM J9 2.3 Windows XP x86-32 j9vmwi32...  
Sun Microsystems Inc. Java HotSpot(TM) Client VM 1.4.2\_12-b03 mixed mode  
Sun Microsystems Inc. Java HotSpot(TM) Server VM 1.4.2\_12-b03 mixed mode  
Sun Microsystems Inc. Java HotSpot(TM) Client VM 1.5.0\_07-b03 mixed mode, sharing  
Sun Microsystems Inc. Java HotSpot(TM) Server VM 1.5.0\_07-b03 mixed mode  
Sun Microsystems Inc. Java HotSpot(TM) Client VM 1.6.0-beta2-b86 mixed mode, sharing  
Sun Microsystems Inc. Java HotSpot(TM) Server VM 1.6.0-beta2-b86 mixed mode

Lucene current								Unrolled								Xor							
R	1	2	3	4	5	B		R	1	2	3	4	5	B		R	1	2	3	4	5	B	
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,940	0,944	0,942	0,920	0,931	0,917	1		<b>0,938</b>	<b>0,939</b>	<b>0,935</b>	<b>0,918</b>	<b>0,920</b>	<b>0,916</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	<b>0,933</b>	0,941	<b>0,925</b>	0,923	0,946	0,925	1		0,939	<b>0,937</b>	0,931	<b>0,922</b>	<b>0,930</b>	<b>0,924</b>		1
1,000	<b>1,000</b>	1,000	1,000	1,000	1,000	1,000	1	0,958	1,031	1,006	0,966	0,963	0,956	0		<b>0,957</b>	1,016	<b>0,995</b>	<b>0,954</b>	<b>0,954</b>	<b>0,954</b>		1
1,000	<b>1,000</b>	1,000	1,000	1,000	1,000	1,000	1	0,951	1,024	1,008	0,968	0,966	0,970	0		<b>0,949</b>	1,015	<b>0,984</b>	<b>0,955</b>	<b>0,948</b>	<b>0,942</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,920	0,947	0,941	0,919	0,906	0,912	0		<b>0,907</b>	<b>0,937</b>	<b>0,923</b>	<b>0,897</b>	<b>0,885</b>	<b>0,901</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,905	1,040	0,975	0,873	0,924	0,931	0		<b>0,877</b>	<b>0,964</b>	<b>0,948</b>	<b>0,848</b>	<b>0,918</b>	0,932		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,892	1,026	1,008	1,007	1,002	0,995	0		<b>0,874</b>	<b>0,972</b>	0,984	<b>0,958</b>	<b>0,954</b>	<b>0,943</b>		0
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,913	0,947	0,945	0,968	0,952	0,965	0		0,891	<b>0,930</b>	0,927	<b>0,909</b>	<b>0,878</b>	0,899		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,952	0,985	0,979	0,968	0,959	0,953	1		<b>0,948</b>	<b>0,974</b>	<b>0,971</b>	<b>0,960</b>	<b>0,950</b>	<b>0,945</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	<b>0,879</b>	0,930	<b>0,904</b>	<b>0,903</b>	0,896	<b>0,881</b>	0		0,906	0,925	0,940	0,906	0,915	0,907		0
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,942	0,975	0,973	0,966	0,958	0,940	0		<b>0,930</b>	<b>0,964</b>	<b>0,949</b>	<b>0,939</b>	<b>0,932</b>	<b>0,920</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0,896	1,020	0,980	0,919	0,907	0,898	0		<b>0,876</b>	1,001	<b>0,938</b>	<b>0,887</b>	<b>0,890</b>	<b>0,881</b>		1
1,000	1,000	1,000	1,000	1,000	1,000	1,000	2	0,923	0,984	0,966	0,942	0,943	0,937	3		<b>0,916</b>	<b>0,965</b>	<b>0,952</b>	<b>0,921</b>	<b>0,923</b>	<b>0,922</b>		10

1-byte

BEA 1.4.2 client  
BEA 1.4.2 server  
BEA 1.5.0 client  
BEA 1.5.0 server  
IBM 1.4.2  
IBM 1.5.0  
Sun 1.4.2 client  
Sun 1.4.2 server  
Sun 1.5.0 client  
Sun 1.5.0 server  
Sun 1.6.0b2 client  
Sun 1.6.0b2 server

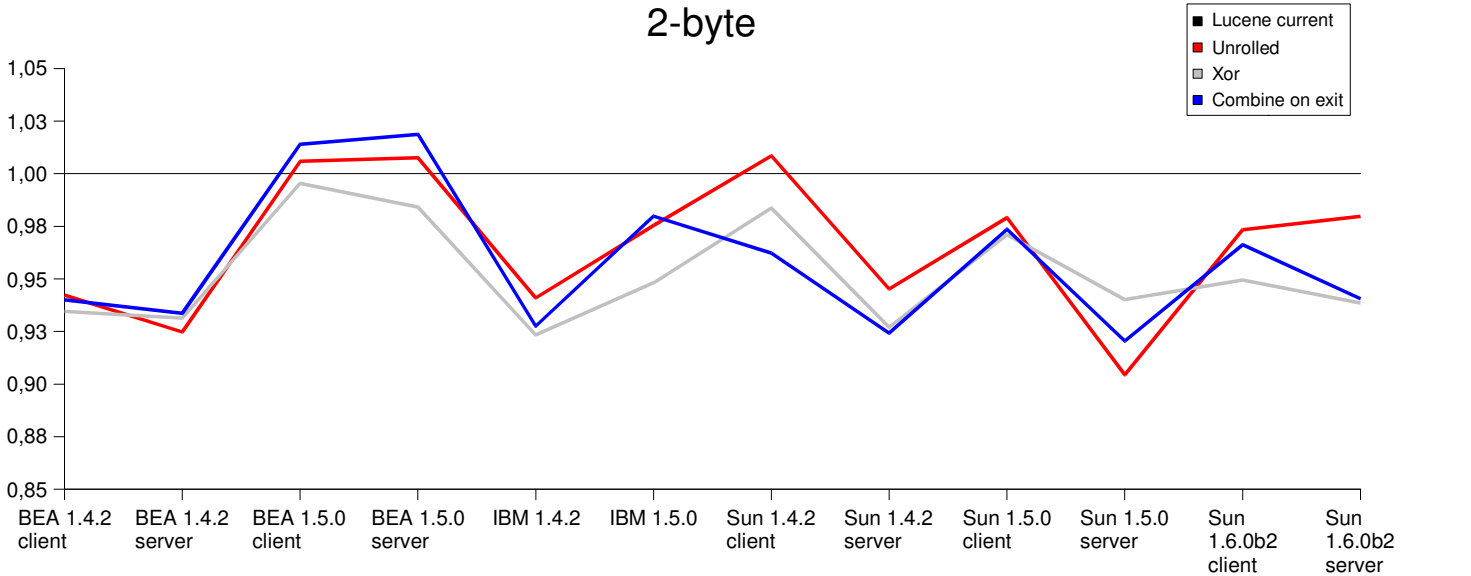
Lucene	Unrolled	Xor	Combine on exit
1,00	0,94	0,94	0,94
1,00	0,94	0,94	0,94
1,00	1,03	1,02	1,03
1,00	1,02	1,02	1,03
1,00	0,95	0,94	0,94
1,00	1,04	0,96	1,00
1,00	1,03	0,97	0,98
1,00	0,95	0,93	0,93
1,00	0,98	0,97	0,98
1,00	0,93	0,93	0,90
1,00	0,98	0,96	0,97
1,00	1,02	1,00	1,00



2-byte

BEA 1.4.2 client  
BEA 1.4.2 server  
BEA 1.5.0 client  
BEA 1.5.0 server  
IBM 1.4.2  
IBM 1.5.0  
Sun 1.4.2 client  
Sun 1.4.2 server  
Sun 1.5.0 client  
Sun 1.5.0 server  
Sun 1.6.0b2 client  
Sun 1.6.0b2 server

Lucene	Unrolled	Xor	Combine on exit
1,00	0,94	0,93	0,94
1,00	0,92	0,93	0,93
1,00	1,01	1,00	1,01
1,00	1,01	0,98	1,02
1,00	0,94	0,92	0,93
1,00	0,98	0,95	0,98
1,00	1,01	0,98	0,96
1,00	0,95	0,93	0,92
1,00	0,98	0,97	0,97
1,00	0,90	0,94	0,92
1,00	0,97	0,95	0,97
1,00	0,98	0,94	0,94



R	Combine on exit					B
	1	2	3	4	5	
0,957	0,943	0,940	0,927	0,937	0,947	1
0,957	0,940	0,934	0,933	0,946	0,955	1
0,989	1,029	1,014	0,974	0,984	0,983	0
0,980	1,025	1,019	0,968	0,976	0,978	0
0,931	0,940	0,928	0,910	0,903	0,926	1
0,904	0,997	0,980	0,897	0,927	<b>0,930</b>	0
0,898	0,975	<b>0,962</b>	0,970	0,971	0,970	1
<b>0,886</b>	0,934	<b>0,924</b>	0,916	0,911	<b>0,893</b>	1
0,965	0,976	0,974	0,970	0,967	0,962	1
0,892	<b>0,899</b>	0,920	0,910	<b>0,894</b>	0,907	1
0,947	0,972	0,966	0,961	0,960	0,942	0
0,914	<b>0,999</b>	0,941	0,912	0,922	0,926	1
0,935	0,969	0,958	0,937	0,942	0,943	8