
Subject: Re: String::Cat optimization

Posted by [dolik.rce](#) on Thu, 01 Dec 2011 09:21:18 GMT

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koldo wrote on Thu, 01 December 2011 08:39 Please could somebody try it in Linux?

Here it is: GCC-4.6.2 Optimal with svo_memcpy

TIMING Cat 40 : 2.65 s - 265.34 ns (11.06 s / 10000000), min: 0.00 ns, max: 5.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 0.00 ns - 0.00 ns (7.88 s / 10000000), min: 0.00 ns, max: 3.00 ms,
nesting: 1 - 10000000

GCC-4.6.2 Optimal with memcpy

TIMING Cat 40 : 2.94 s - 293.57 ns (11.13 s / 10000000), min: 0.00 ns, max: 4.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 0.00 ns - 0.00 ns (8.11 s / 10000000), min: 0.00 ns, max: 1.00 ms,
nesting: 1 - 10000000

GCC-4.6.2 Speed with svo_memcpy

TIMING Cat 40 : 246.75 ms - 24.68 ns (11.14 s / 10000000), min: 0.00 ns, max: 4.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 0.00 ns - 0.00 ns (7.93 s / 10000000), min: 0.00 ns, max: 4.00 ms,
nesting: 1 - 10000000

GCC-4.6.2 Speed with memcpy

TIMING Cat 40 : 2.79 s - 279.30 ns (11.45 s / 10000000), min: 0.00 ns, max: 6.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 2.03 s - 202.80 ns (10.68 s / 10000000), min: 0.00 ns, max: 4.00 ms,
nesting: 1 - 10000000

CLANG-2.9 Optimal with svo_memcpy

TIMING Cat 40 : 1.65 s - 165.35 ns (11.07 s / 10000000), min: 0.00 ns, max: 1.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 0.00 ns - 0.00 ns (8.09 s / 10000000), min: 0.00 ns, max: 1.00 ms,
nesting: 1 - 10000000

CLANG-2.9 Optimal with memcpy

TIMING Cat 40 : 4.20 s - 420.01 ns (11.33 s / 10000000), min: 0.00 ns, max: 2.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 1.20 s - 119.81 ns (8.32 s / 10000000), min: 0.00 ns, max: 1.00 ms,
nesting: 1 - 10000000

CLANG-2.9 Speed with svo_memcpy

TIMING Cat 40 : 4.28 s - 428.33 ns (11.21 s / 10000000), min: 0.00 ns, max: 2.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 797.30 ms - 79.73 ns (7.72 s / 10000000), min: 0.00 ns, max: 5.00 ms,
nesting: 1 - 10000000

CLANG-2.9 Speed with memcpy

TIMING Cat 40 : 5.87 ms - 0.59 ns (11.09 s / 10000000), min: 0.00 ns, max: 2.00 ms,
nesting: 1 - 10000000

TIMING Cat 18 : 0.00 ns - 0.00 ns (8.36 s / 10000000), min: 0.00 ns, max: 5.00 ms,
nesting: 1 - 10000000

Honza
