
Subject: Re: Time for little quiz!

Posted by [mirek](#) on Wed, 05 Apr 2006 12:56:19 GMT

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victorb wrote on Wed, 05 April 2006 08:52 Interesting to see that none of the 3 suggested solution generate a conditional jump... they make use of the "setne" opcode...

I don't have the cycle count for each instruction but it might be as optimal as "(-q >> 31) & 1" with the benefit of being understandable.

-> I vote for coloccoount += (q != 0);

Victor

"setne" is a good point. However, it does not seem to be used with all compilers on all CPUs.... (but I guess it would deserve the conditional compilation at least).

Mirek
