Subject: Re: New Core

Posted by cbpporter on Wed, 18 May 2016 13:24:51 GMT

mirek wrote on Wed, 18 May 2016 15:36P.S.: Funny fact, theide 64 optimal size is 15920KB, speed is 17354KB. I guess I will drop this confusion soon...
I tested it too and it is 400 KiB on my 32 bit exe.

But a round trip (and not necessarily round trip, works one way too) conversion from Int to String is about 3 time "slower" on size for 100 million iterations than on "speed". And this with a bunch of hacks I added to speed it up. Without, it is even slower. So I'm sticking with -O2 from now on. I would have never used anything else but TheIDE made this choice for me.

It would be great if at least this would be less confusing.

Optimal means optimal. It means that either it is everybody else's optimal, i.e. Microsoft's or the open source community's recommendation or your personal best pick if you think you know better. Nobody understand though optimal -O1! -O1 on GCC means optimized, but do cheap as compile time optimizations and on MSC means optimize if it doesn't increase code size.