
Subject: Arbitrary precision library
Posted by [dolik.rce](#) on Thu, 02 Oct 2008 22:08:12 GMT
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Hi,
I want to use some arbitrary precision math library in my application, but I've never really used any. It would be great if somebody with more experiences could give me some hints which one to choose. Did anybody tried to use any AP lib with Upp? Or even integrate it as a package?
I'm thinking about GMP, MAPM or CLN - those look best and/or easiest to use to me...
Thanks in advance for any experiences or hints,
Honza

Subject: Re: Arbitrary precision library
Posted by [koldo](#) on Tue, 07 Oct 2008 06:59:22 GMT
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Hello dolik

I am going to begin a scientific application in U++ and perhaps this could be useful.

I have also not used any of these libraries or other so I do not know which one to choose.

Perhaps it would be interesting to choose one:

- Efficient
- With an open license
- Easy to understand
- Linked to other libraries to do things like matrix arithmetic and numerical methods.

Well, any more opinions?.

Best regards
Koldo

Subject: Re: Arbitrary precision library
Posted by [tojocky](#) on Thu, 20 Aug 2009 11:19:58 GMT
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koldo wrote on Tue, 07 October 2008 09:59Hello dolik

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Well, any more opinions?.

Best regards
Koldo

In base of opinion of web users, GMP seems the best solution. It uses interesting optimization algorithms for big number operation.

Ion Iupascu(tojocky)

Subject: Re: Arbitrary precision library
Posted by [dolik.rce](#) on Thu, 20 Aug 2009 16:01:07 GMT
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tojocky wrote on Thu, 20 August 2009 13:19

In base of opinion of web users, GMP seems the best solution. It uses interesting optimization algorithms for big number operation.

Hi, Ion

I thought this thread was dead for almost a year. Anyway, thanks for your opinion... I actually never started with the application, it stayed only on drawing board. But it might be useful for future, I'll definitely keep GMP in mind.

Honza

Subject: Re: Arbitrary precision library
Posted by [tojocky](#) on Fri, 21 Aug 2009 06:38:27 GMT
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dolik.rce wrote on Thu, 20 August 2009 19:01

Hi, Ion

I thought this thread was dead for almost a year. Anyway, thanks for your opinion... I actually never started with the application, it stayed only on drawing board. But it might be useful for future, I'll definitely keep GMP in mind.

Honza

In this forum many threads dead, because it is not so populate. But the concept of U++ project is very interesting. Answers of the unclear question you can find on the other forums... and after then put here result of your job.

In this case, together, we can develop a very powerful instrument.

Thanks to Mirek and to all contributors for the great job.

Ion Lupascu (tojocky)
