

# Re: Maple Vs Mathematica debugging

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*Source:* <http://sci.tech-archive.net/Archive/sci.math.symbolic/2005-12/msg00093.html>

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- *From:* [parisse@xxxxxxxxxxxxxx](mailto:parisse@xxxxxxxxxxxxxx)
  - *Date:* Tue, 06 Dec 2005 19:31:35 +0100
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carlos@xxxxxxxxxxxxxx wrote:

Making schoonschip can be expensive. Take a commercial-product kernel of 2M C++ lines. An average programmer can produce say 500 lines of debugged C++ per year. Cost: 4000 man-years, or roughly \$600 million. Need to sell 4 million copies at \$1500 each to recover the cost.

Didn't you mean 5000 lines per year?  
That would divide the programming cost by 10. A commercial project requires much more than just programmers, so maybe 500 millions \$ for such a project is a correct estimation.

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