

Re: Maple

Source: <http://sci.tech-archive.net/Archive/sci.math.symbolic/2006-02/msg00095.html>

- *From:* Craig Carey <research@xxxxxxxxx>
 - *Date:* Sat, 25 Feb 2006 17:23:01 +1300
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On 21 Feb 2006 17:38:58 -0800, "Roman Pearce" wrote:

The kernel is written in C, with heavy use of macros. Most of the routines in Maple are written in the Maple language, which is dynamically interpreted by the kernel at runtime.

Macros reduce the strength of the type checking, but sometimes can be justified by speed/efficiency.

However Maple uses Java, a slow unstable failing ill designed 3GL programming language

This URL shows that Maple 10 only runs in Windows:

<http://www.maplesoft.com/products/maple/systemreq/index.aspx>

What was the purpose leading to a use of Java ?, eg., as an alternative to C macros ?.

On 24 Feb 2006 12:03:24 -0800, "Vladimir Bondarenko" wrote:

Laurent Bernardin, Waterloo Maple Inc.

Chief Scientist and VP, Research and Development

<http://www.bernardin.com/> [Canada]

Why would a chief designer of exact computing software make (or even, permit to exist or linger) a decision that is pro-bugs ?.

Craig Carey

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