

# Re: Symbolic Math as Computer Science

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*Source:* <http://sci.tech-archive.net/Archive/sci.math.symbolic/2005-12/msg00148.html>

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- *From:* Martin Rubey <[axiomize@xxxxxxxx](mailto:axiomize@xxxxxxxx)>
  - *Date:* 09 Dec 2005 23:21:33 +0100
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Hatto von Aquitanien <[abbot@xxxxxxxxxxxxxxxx](mailto:abbot@xxxxxxxxxxxxxxxx)> writes:

> For one, I don't believe complex numbers would be primitive objects in the  
> way they are in Mathematica. Overall, I would probably try to establish a  
> better type system. I'm still not sure why Mathematica lacks a real data  
> type mechanism. I certainly think of mathematical objects appearing in  
> pencil and paper expressions as having specific types. Those are usually the  
> first things I define when solving a problem.

You might want to look at Aldor and/or Axiom.

Martin  
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- *Follow-Ups:*
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Nasser Abbasi

- *References:*
  - ◆ ***Symbolic Math as Computer Science***  
◇ *From:* Hatto von Aquitanien
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Rouben Rostamian
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Richard Fateman
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Hatto von Aquitanien
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Richard J. Fateman
  - ◆ ***Re: Symbolic Math as Computer Science***  
◇ *From:* Hatto von Aquitanien

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Re: Symbolic Math as Computer Science

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