

Re: Steps towards writing a computer algebra system

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On 18 Jan 2005 08:35:29 -0800, mike_in_england2000@yahoo.co.uk
(Mike) wrote:

>Hi

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>I am a self-taught programmer and have always been fascinated with
>computer algebra systems (CAS) such as Mathematica. For a hobby I
>thought that I would like to have a crack at writing my own (very
>simple) CAS but I am rather lost on where to start.

>

>Looking at source code to currently available open source packages is
>pretty scary when one is simply trying to get started. Does anyone
>out there have tips on where to get started?

>

See the following book:

Symbolic C++: An Introduction to Computer Algebra Using
Object-Oriented Programming
by Tan Kiat Shi, Willi-Hans Steeb, Yorick Hardy

Code from the book is somewhere on the internet.

See also

<http://www.ginac.de>

<http://www.xs4all.nl/~apinkus/yacas.html>

A.L.