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Ira Baxter



Member for 15 years, 6 months



Last seen this week



[semanticdesigns.com/Company/...](https://semanticdesigns.com/Company/)



Austin, TX

Profile

Activity

Stats

95,195

reputation

9.3m

reached

2,358

answers

48

questions

About

I have been building highly automated software engineering tools and systems software for 45 years (more below).

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Oct 2012: The "moderator community" at Meta has convinced me that answers I provide that mention my company's software tools are unwanted (at least by many of them) on Stack Overflow, in spite of the fact that my upvote score per answer averages the same as Jon Skeet's; note moderator deletions of many of my tool answers. Since these tools are

what I live and breathe, most of what I have say that is constructive is thus unwanted. So, I expect to respond to further questions at likely a lower rate.

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23
gold badges

● compiler-construction


● parsing

● c++

Apr 16, 2021

Apr 23, 2015

Oct 27, 2021



181
silver badges

● abstract-syntax-tree


● grammar

● x86

Feb 23, 2016

Mar 31, 2018

Mar 14, 2017



353
bronze badges

● dsl

● parser-generator

● interpreter

Oct 6, 2020

Nov 2, 2015

Jul 26, 2016

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<div>parsing ●</div>	2,169 score	506 posts	21 posts %

assembly •	1,109 score	201 posts	8 posts %
c++ •	1,054 score	278 posts	12 posts %
compiler-construction •	1,049 score	233 posts	10 posts %
abstract-syntax-tree •	817 score	200 posts	8 posts %
c •	779 score	241 posts	10 posts %

Top posts

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All	Questions	Answers	Articles	Score	Newest
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	259	Writing a parser like Flex/Bison that is usable on 8-bit embedded systems	Feb 25, 2010
	252	Why can't C++ be parsed with a LR(1) parser?	Jun 17, 2009
	157	What is the "FS"/"GS" register intended for?	May 30, 2012
	131	lexers vs parsers	May 17, 2010
	130	What kinds of patterns could I enforce on the code to make it easier to	Aug 11, 2010

translate to another programming language?



124

Are GCC and Clang parsers really handwritten?

Jun 12, 2011



123

Constructing an Abstract Syntax Tree with a list of Tokens

Aug 3, 2014



100

What is marshalling? What is happening when something is "marshalled?"

Apr 8, 2011



94

How does a stackless language work?

Jun 27, 2009



87

Compiling an AST back to source code

Apr 29, 2011

Top network posts

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90

Are all languages basically the same?



80

Did any 8-bit computer system / OS have concepts for concurrency and multitasking like we know from today?



58

Fastest way to clamp an integer to the range 0-255



56

Windows INSERT key anti-functionality accidentally triggers; how to stop it permanently?



55

Limits for self-promotion in answers

Communities

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 Stack Overflow	95.2k
 Software Engineering	1.9k
 Meta Stack Exchange	1.2k
 Software Recommendati...	1.1k
 Retrocomputing	1k