
Subject: Re: Free source code diagramming programs
Posted by [Gary L. Scott](#) on Wed, 12 Apr 2006 14:55:27 GMT
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Edward Gregor wrote:

> slebetman@yahoo.com wrote:

>

>> idlwizard-1@yahoo.com wrote:

>>

>>> The latest revision of my source code diagramming programs are
>>> available at

>>>

>>> <http://www.geocities.com/grunes/diagram.html>

>>>

>>> These programs diagram source code in the following languages:

>>>

>>> C and C++

>>> FORTRAN

>>> HTML (very incomplete)

>>> IDL, PV-WAVE, GDL and FL

>>>

>>> They do things like draw lines showing the start and end of routines
>>> and blocks, put * next to jumps, and = next to commented out sections,
>>> and can warn you of certain classes of error.

>>>

>>> They can help you find problems in your own code, or help you look at
>>> long complicated legacy code other people give you.

>>>

>>> The programs themselves are in FORTRAN. I know that is a problem for
>>> users of other programming languages, but it is freely available as g77
>>> or g95 under Cygwin (under Windows) or Linux, and is available on many
>>> other platforms.

>>

>>

>> Well... my favourite text editor already does what your program do and
>> does it live while I'm editing code. On top of that it also
>> *highlights* the relevant line when the cursor is on either the opening
>> or closing brace {}. On top of that it does syntax highlighting. On top
>> of that it also allows me to fold sections of code to temporarily hide
>> things I'm not interested in (and remember this is "live" while I'm
>> editing). And to top it all off it can print, save as RTF save as PDF
>> and save as HTML the nicely formatted code along with the nice lines.
>> The only difference is that my editor draws lines based on indentation
>> while your program auto-indent and draws lines based on braces. But
>> that's OK, that's what "indent" is for. Oh and yes my editor supports
>> syntax of more than 40 different languages including C/C++, Tcl,
>> Fortan, Forth, VB, Perl...

>>
>
> May I ask which editor you are using?

Most decent editors do most of this.

--

Gary Scott
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Fortran Library: <http://www.fortranlib.com>

Support the Original G95 Project: <http://www.g95.org>

-OR-

Support the GNU GFortran Project: <http://gcc.gnu.org/fortran/index.html>

Why are there two? God only knows.

If you want to do the impossible, don't hire an expert because he knows
it can't be done.

-- Henry Ford
