Syntax Coloring of Source Code

Trac supports language-specific syntax highlighting of source code in wiki formatted text and the repository browser.

To do this, Trac uses external libraries with support for a great number of programming languages.

Currently Trac supports syntax coloring using one or more of the following packages:

- GNU Enscript
- SilverCity

To activate syntax coloring, simply install either one (or more) of these packages. No additional configuration is required, however to modify the colors, have a look at `trac/htdocs/css/code.css`.

When in use, Trac will automatically prioritize SilverCity highlighting over Enscript if possible, (see note below).

If neither package is available, Trac will display the data as plain text.

Note: Enscript supports a greater number of languages, however SilverCity is generally faster since it is a library and isn't executed in an external process.

About SilverCity?

SilverCity uses the lexer from Scintilla. Scintilla supports more languages than SilverCity implements. If you want to add a language to SilverCity supported by Scintilla, it's not very difficult. See SilverCityAddLanguage for some information how.

Syntax Coloring Support

	SilverCity	Enscript
Ada		X
Asm		X
* ASP	X	X
* C	X	X
* C#		X(2)
* C++	X	X
* Java		X
Awk		X
CSS	X	
Diff		X
Eiffel		X
Elisp		X
Fortran		X
Haskell		X

HTML	X	X
IDL		X
Javascript	X	X
m4		X
Makefile		X
Matlab		X
Objective-C		X
Pascal		X
* Perl	X	X
* PHP	X	X
PSP	X	
Pyrex		X
* Python	X	X
* Ruby	X	X (1)
Scheme		X
Shell		X
SQL	X	X
Troff		X
TCL		X
Tex		X
Verilog		X
VHDL		X
Visual Basic		X
VRML		X
XML	X	

(*) Supported as inline code blocks in Wiki text using WikiProcessors.

(1) Ruby highlighting is not included in the Enscript distribution. Highlighting rules for Ruby can be obtained from: http://neugierig.org/software/ruby/

(2) C# highlighting is not included in the Enscript distribution. Highlighting rules for C# can be obtained from: http://wiki.hasno.info/index.php/Csharp.st

Extra Software

- GNU Enscript -- http://directory.fsf.org/GNU/enscript.html
- GNU Enscript for Windows -- http://gnuwin32.sourceforge.net/packages/enscript.htm
- SilverCity -- http://silvercity.sf.net/

See also: WikiProcessors, WikiFormatting, TracWiki, TracBrowser