

Wikiprint Book

Title: Syntax Coloring of Source Code

Subject: Ecopath Developer Site - TracSyntaxColoring

Version: 2

Date: 2024-04-19 13:49:25

Table of Contents

Syntax Coloring of Source Code	3
About Pygments	3
Syntax Coloring Support	3
Known MIME Types	3
List of Languages Supported, by Highlighter	4
Extra Software	5

Syntax Coloring of Source Code

Trac supports language-specific syntax highlighting of source code within wiki formatted text in [wiki processors](#) blocks and in 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:

- [?Pygments](#), by far the preferred system, as it covers a wide range of programming languages and other structured texts and is actively supported
- [?GNU Enscript](#), commonly available on Unix but somewhat unsupported on Windows
- [?SilverCity](#), legacy system, some versions can be [?problematic](#)

To activate syntax coloring, simply install either one (or more) of these packages (see [#ExtraSoftware](#) section below). If none of these packages is available, Trac will display the data as plain text.

About Pygments

Starting with trac 0.11 [?pygments](#) will be the new default highlighter. It's a highlighting library implemented in pure python, very fast, easy to extend and [?well documented](#).

The Pygments default style can specified in the [mime-viewer](#) section of trac.ini. The default style can be overridden by setting a Style preference on the [preferences page](#).

It's very likely that the list below is outdated because the list of supported pygments lexers is growing weekly. Just have a look at the page of [?supported lexers](#) on the pygments webpage.

Syntax Coloring Support

Known MIME Types

MIME Types	WikiProcessors
application/javascript	js
application/msword	doc docx
application/pdf	pdf
application/postscript	ps
application/rss+xml	rss
application/rtf	rtf
application/x-csh	csh
application/x-sh	sh
application/x-troff	troff troff troff
application/x-yaml	yaml yml
application/x-tran	xsl
application/xslt+xml	xslt
image/svg+xml	svg
image/x-icon	ico
model/vrml	vrml vrl
text/css	css
text/html	htm html
text/plain	AUTHORS COPYING ChangeLog INSTALL README RELEASE TXT text txt
text/x-ada	ada ada ada
text/x-asm	asm
text/x-asp	asp
text/x-awk	awk
text/x-c++hdr	h hh c++hdr hh hpp
text/x-c++src	C C++ CC C++ C++src CC CPP
text/x-cdr	cdr d
text/x-csharp	cs c# c# csharp
text/x-csrc	C Csrc cs
text/x-diff	diff patch
text/x-dylan	dylan
text/x-elf	e elf
text/x-ellip	el ellip
text/x-fortran	F Fortran
text/x-haskell	haskell hs
text/x-isl	ice isl
text/x-inf	inf
text/x-lua	lua
text/x-m	m
text/x-mail	mail
text/x-makefile	GNUmakefile Makefile make makefile mk
text/x-mjic	m m mjic
text/x-ocaml	ml mll ocaml
text/x-pascal	pas pascal
text/x-perl	PL perl pl pm
text/x-php	php php4 php4
text/x-psp	psp
text/x-pyrex	pyrex pyx
text/x-python	py python
text/x-rfc	rfc
text/x-rst	rst
text/x-ruby	rb ruby
text/x-scheme	scheme scm
text/x-sql	sql
text/x-tcl	tcl
text/x-tex	tex
text/x-textile	textile txtl
text/x-vba	bas vb vba
text/x-verilog	v verilog
text/x-vhdl	vhd vhd
text/x-zsh	zsh
text/xml	xml

List of Languages Supported, by Highlighter

This list is only indicative.

	SilverCity	Enscript	Pygments
Ada		?	
Asm		?	
Apache Conf			?
ASP	?	?	
C	?	?	?
C#		? (1)	?
C++	?	?	?
Java	? (2)	?	?
Awk		?	
Boo			?
CSS	?		?
Python Doctests			?
Diff		?	?
Eiffel		?	
Elisp		?	
Fortran		? (1)	?
Haskell		?	?
Genshi			?
HTML	?	?	?
IDL		?	
INI			?
Javascript	?	?	?
Lua			?
m4		?	
Makefile		?	?
Mako			?
Matlab (3)		?	?
Mygthy			?
Objective-C		?	?
OCaml			?
Pascal		?	?
Perl	?	?	?
PHP	?		?
PSP	?		
Pyrex		?	
Python	?	?	?
Ruby	?	? (1)	?
Scheme		?	?
Shell		?	?
Smarty			?
SQL	?	?	?
Troff		?	?
TCL		?	
Tex		?	?
Verilog	? (2)	?	
VHDL		?	
Visual Basic		?	?
VRML		?	
XML	?		?

(1) Not included in the Enscript distribution. Additional highlighting rules can be obtained for [?Ruby](#), [?C#](#), [?Fortran 90x/2003](#)

(2) since Silvercity 0.9.7 released on 2006-11-23

(3) By default .m files are considered Objective-C files. In order to treat .m files as MATLAB files, add "text/matlab:m" to the "mime_map" setting in the [\[mimeviewer\] section of trac.ini](#).

Extra Software

- GNU Enscript -- [?http://directory.fsf.org/GNU/enscript.html](http://directory.fsf.org/GNU/enscript.html)
- GNU Enscript for Windows -- [?http://gnuwin32.sourceforge.net/packages/enscript.htm](http://gnuwin32.sourceforge.net/packages/enscript.htm)
- SilverCity -- [?http://silvercity.sf.net/](http://silvercity.sf.net/)
- Pygments -- [?http://pygments.org/](http://pygments.org/)

See also: [WikiProcessors](#), [WikiFormatting](#), [TracWiki](#), [TracBrowser](#)