

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 be 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It's very likely that the list below is outdated because the list of supported pygments lexers is growing weekly.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	File Extensions
application/javascript	.js
application/xword	.doc .dot
application/pdf	.pdf
application/postscript	.ps
application/vnd-msl	.raw
application/rtf	.rtf
application/x-sh	.sh
application/x-sh	.sh
application/x-troff	.troff troff troff
application/yaml	.yaml yml
application/xml+xml	.xml
application/xml+xml	.xmll
image/svg+xml	.svg
image/x-icon	.ico
model/vml	.vml wrl
text/css	.css
text/html	.htm html
text/plain	AUTHORS COPYING CHANGES INSTALL README RELEASE TXT test.txt
text/x-ada	.ada ada.adb
text/x-asn	.asn
text/x-asx	.asx
text/x-awk	.awk
text/x-c++-hdr	.H H# C++-hdr hh hpp
text/x-c++-src	C C++ CC C++ c++src cc cpp
text/x-chdr	.chdr h
text/x-csharp	CS cs cs.csharp
text/x-csrc	c csrc xs
text/x-diff	.diff patch
text/x-dylan	.dylan
text/x-eiffel	e eifell
text/x-elisp	el elisp
text/x-fortran	f fortran
text/x-haskell	haskell hs
text/x-idl	low idl
text/x-lisp	lisp
text/x-log	.log
text/m-sql	.sql
text/x-mail	.mail
text/x-makefile	GNUmakefile Makefile makefile makefile.sh
text/x-object	.o m m.obj
text/x-perl	pl perl perl.pl
text/x-pascal	pasc pascal
text/x-perl	PL perl pl pm
text/x-php	.php php3.php4
text/x-pgp	.pgp
text/x-pyrex	pyrex pyx
text/x-python	.py python
text/x-rc	.rc
text/x-rst	.rst
text/x-ruby	rb ruby
text/x-scheme	scheme scm
text/x-sql	.sql
text/tcl	.tcl
text/x-tex	.tex
text/x-textile	textile txil
text/x-vda	bma vb vba
text/x-verilog	v verilog
text/x-vhdl	vhd vhdl
text/x-awk	.awk
text/x-csv	.csv

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](#)