

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It's very likely that the list below is outdated because the list of supported pygments lexers is growing weekly.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	WikiProcessors
<code>application/javascript</code>	<code>js</code>
<code>application/pdf</code>	<code>pdf</code>
<code>application/postscript</code>	<code>ps</code>
<code>application/rss+xml</code>	<code>rss</code>
<code>application/rtf</code>	<code>rtf</code>
<code>application/x-csh</code>	<code>csh</code>
<code>application/x-sh</code>	<code>sh</code>
<code>application/x-troff</code>	<code>nroff roff troff</code>
<code>application/x-yaml</code>	<code>yaml yml</code>
<code>application/xsl+xml</code>	<code>xsl</code>
<code>application/xslt+xml</code>	<code>xslt</code>
<code>image/svg+xml</code>	<code>svg</code>

image/x-icon	ico
model/vrml	vrml wrl
text/css	css
text/html	htm html
text/plain	AUTHORS COPYING ChangeLog INSTALL README RELEASE TXT text txt
text/x-ada	ada adb ads
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-chdr	chdr.h
text/x-csharp	C# c# cs csharp
text/x-csrc	c.cs csrc.cs
text/x-diff	diff patch
text/x-dylan	dylan
text/x-eiffel	e.eiffel
text/x-elisp	el.elisp
text/x-fortran	f.fortran
text/x-haskell	haskell.hs
text/x-idl	ice.idl
text/x-inf	inf
text/x-ini	cfg.ini
text/x-java	java
text/x-ksh	ksh
text/x-lua	lua
text/x-m4	m4
text/x-mail	mail
text/x-makefile	GNUmakefile Makefile make makefile.mk
text/x-objc	m.mm.objc
text/x-ocaml	ml.mli.ocaml
text/x-pascal	pas.pascal
text/x-perl	PL.perl.pl.pm
text/x-php	php.php3.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	vhdl
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>
 - GNU Enscript for Windows -- <http://gnuwin32.sourceforge.net/packages/enscript.htm>
 - SilverCity -- <http://silvercity.sf.net/>
 - Pygments -- <http://pygments.org/>
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See also: [WikiProcessors](#), [WikiFormatting](#), [TracWiki](#), [TracBrowser](#)