

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It's very likely that the list below is outdated because the list of supported pygments lexers is growing weekly.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 csrc xs
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-ppsp	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#		? <u>(1)</u>	?
C++	?	?	?
Java	? <u>(2)</u>	?	?
Awk		?	
Boo			?
CSS	?		?
Python Doctests			?
Diff		?	?
Eiffel		?	
Elisp		?	
Fortran		? <u>(1)</u>	?
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/>

See also: WikiProcessors, WikiFormatting, TracWiki, TracBrowser