

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It's very likely that the list below is outdated because the list of supported pygments lexers is growing weekly.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/msword</code>	<code>doc dot</code>
<code>application/pdf</code>	<code>pdf</code>
<code>application/postscript</code>	<code>ps</code>
<code>application/rss+xml</code>	<code>rss</code>

MIME Types

WikiProcessors

application/rtf	rtf
application/x-csh	csh
application/x-sh	sh
application/x-troff	nroff roff troff
application/x-yaml	yaml yml
application/xsl+xml	xsl
application/xslt+xml	xslt
image/svg+xml	svg
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

MIME Types

WikiProcessors

<code>text/x-ocaml</code>	ml mli ocaml
<code>text/x-pascal</code>	pas pascal
<code>text/x-perl</code>	PL perl pl pm
<code>text/x-php</code>	php php3 php4
<code>text/x-ppsp</code>	psp
<code>text/x-pyrex</code>	pyrex pyx
<code>text/x-python</code>	py python
<code>text/x-rfc</code>	rfc
<code>text/x-rst</code>	rst
<code>text/x-ruby</code>	rb ruby
<code>text/x-scheme</code>	scheme scm
<code>text/x-sql</code>	sql
<code>text/x-tcl</code>	tcl
<code>text/x-tex</code>	tex
<code>text/x-textile</code>	textile txtl
<code>text/x-vba</code>	bas vb vba
<code>text/x-verilog</code>	v verilog
<code>text/x-vhdl</code>	vhd vhdl
<code>text/x-zsh</code>	zsh
<code>text/xml</code>	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			?

SilverCity Enscript Pygments

CSS	?		?
Python Doctests			?
Diff		?	?
Eiffel		?	
Elisp		?	
Fortran		? <u>(1)</u>	?
Haskell		?	?
Genshi			?
HTML	?	?	?
IDL		?	
INI			?
Javascript	?	?	?
Lua			?
m4		?	
Makefile		?	?
Mako			?
Matlab <u>(3)</u>		?	?
Mygthy			?
Objective-C		?	?
OCaml			?
Pascal		?	?
Perl	?	?	?
PHP	?		?
PSP	?		
Pyrex		?	
Python	?	?	?
Ruby	?	? <u>(1)</u>	?
Scheme		?	?
Shell		?	?
Smarty			?
SQL	?	?	?
Troff		?	?

SilverCity Enscript Pygments

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](#)