

**NAME**

HTML::Tree – build and scan parse-trees of HTML

**VERSION**

This document describes version 5.07 of HTML::Tree, released August 31, 2017 as part of HTML-Tree.

**SYNOPSIS**

```
use HTML::TreeBuilder;
my $tree = HTML::TreeBuilder->new();
$tree->parse_file($filename);

    # Then do something with the tree, using HTML::Element
    # methods -- for example:

$tree->dump

    # Finally:

$tree->delete;
```

**DESCRIPTION**

HTML-Tree is a suite of Perl modules for making parse trees out of HTML source. It consists of mainly two modules, whose documentation you should refer to: HTML::TreeBuilder and HTML::Element.

HTML::TreeBuilder is the module that builds the parse trees. (It uses HTML::Parser to do the work of breaking the HTML up into tokens.)

The tree that TreeBuilder builds for you is made up of objects of the class HTML::Element.

If you find that you do not properly understand the documentation for HTML::TreeBuilder and HTML::Element, it may be because you are unfamiliar with tree-shaped data structures, or with object-oriented modules in general. Sean Burke has written some articles for *The Perl Journal* ([www.tpj.com](http://www.tpj.com)) that seek to provide that background. The full text of those articles is contained in this distribution, as:

HTML::Tree::AboutObjects

“User’s View of Object-Oriented Modules” from TPJ17.

HTML::Tree::AboutTrees

“Trees” from TPJ18

HTML::Tree::Scanning

“Scanning HTML” from TPJ19

Readers already familiar with object-oriented modules and tree-shaped data structures should read just the last article. Readers without that background should read the first, then the second, and then the third.

**METHODS**

All these methods simply redirect to the corresponding method in HTML::TreeBuilder. It’s more efficient to use HTML::TreeBuilder directly, and skip loading HTML::Tree at all.

**new**

Redirects to “new” in HTML::TreeBuilder.

**new\_from\_file**

Redirects to “new\_from\_file” in HTML::TreeBuilder.

**new\_from\_content**

Redirects to “new\_from\_content” in HTML::TreeBuilder.

**new\_from\_url**

Redirects to “new\_from\_url” in HTML::TreeBuilder.

## SUPPORT

You can find documentation for this module with the `perldoc` command.

```
perldoc HTML::Tree
```

You can also look for information at:

- AnnoCPAN: Annotated CPAN documentation  
<<http://annocpan.org/dist/HTML-Tree>>
- CPAN Ratings  
<<http://cpanratings.perl.org/d/HTML-Tree>>
- RT: CPAN's request tracker  
<<http://rt.cpan.org/NoAuth/Bugs.html?Dist=HTML-Tree>>
- Search CPAN  
<<http://search.cpan.org/dist/HTML-Tree>>
- Stack Overflow  
<<http://stackoverflow.com/questions/tagged/html-tree>>

If you have a question about how to use HTML-Tree, Stack Overflow is the place to ask it. Make sure you tag it both `perl` and `html-tree`.

## SEE ALSO

HTML::TreeBuilder, HTML::Element, HTML::Tagset, HTML::Parser, HTML::DOMbo

The book *Perl & LWP* by Sean M. Burke published by O'Reilly and Associates, 2002. ISBN: 0-596-00178-9

It has several chapters to do with HTML processing in general, and HTML-Tree specifically. There's more info at:

<http://www.oreilly.com/catalog/perlwp/>

<http://www.amazon.com/exec/obidos/ASIN/0596001789>

## SOURCE REPOSITORY

HTML-Tree is now maintained using Git. The main public repository is <<https://github.com/kentfredric/HTML-Tree>>.

The best way to send a patch is to make a pull request there.

## ACKNOWLEDGEMENTS

Thanks to Gisle Aas, Sean Burke and Andy Lester for their original work.

Thanks to Chicago Perl Mongers (<http://chicago.pm.org>) for their patches submitted to HTML::Tree as part of the Phalanx project (<http://qa.perl.org/phalanx>).

Thanks to the following people for additional patches and documentation: Terrence Brannon, Gordon Lack, Chris Madsen and Ricardo Signes.

## AUTHOR

Current maintainers:

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Original HTML-Tree author:

- Gisle Aas

Former maintainers:

- Sean M. Burke
- Andy Lester
- Pete Krawczyk <petek AT cpan.org>

You can follow or contribute to HTML-Tree's development at [<https://github.com/kentfredric/HTML-Tree>](https://github.com/kentfredric/HTML-Tree).

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