

NAME

Pod::Simple::SimpleTree -- parse Pod into a simple parse tree

SYNOPSIS

```
% cat ptest.pod

=head1 PIE

I like B<pie>!

% perl -MPod::Simple::SimpleTree -MData::Dumper -e \
"print Dumper(Pod::Simple::SimpleTree->new->parse_file(shift)->root)" \
ptest.pod

$VAR1 = [
  'Document',
  { 'start_line' => 1 },
  [
    'head1',
    { 'start_line' => 1 },
    'PIE'
  ],
  [
    'Para',
    { 'start_line' => 3 },
    'I like ',
    [
      'B',
      {},
      'pie'
    ],
    '!'
  ]
];
```

DESCRIPTION

This class is of interest to people writing a Pod processor/formatter.

This class takes Pod and parses it, returning a parse tree made just of arrayrefs, and hashrefs, and strings.

This is a subclass of [Pod::Simple](#) and inherits all its methods.

This class is inspired by XML::Parser's "Tree" parsing-style, although it doesn't use exactly the same LoL format.

METHODS

At the end of the parse, call `$parser->root` to get the tree's top node.

Tree Contents

Every element node in the parse tree is represented by an arrayref of the form: [*elementname*, `\%attributes`, ...*subnodes*...]. See the example tree dump in the Synopsis, above.

Every text node in the tree is represented by a simple (non-ref) string scalar. So you can test `ref($node)` to see whether you have an element node or just a text node.

The top node in the tree is ['Document', `\%attributes`, ...*subnodes*...]

SEE ALSO

[Pod::Simple](#)

[perl101\(1\)](#)

The “Tree” subsection in [XML::Parser](#)

SUPPORT

Questions or discussion about POD and [Pod::Simple](#) should be sent to the pod-people@perl.org mail list. Send an empty email to pod-people-subscribe@perl.org to subscribe.

This module is managed in an open GitHub repository, <<https://github.com/perl-pod/pod-simple/>>. Feel free to fork and contribute, or to clone <[git://github.com/perl-pod/pod-simple.git](https://github.com/perl-pod/pod-simple.git)> and send patches!

Patches against [Pod::Simple](#) are welcome. Please send bug reports to <bug-pod-simple@rt.cpan.org>.

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AUTHOR

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