

## 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*

*perllo!*

*The "Tree" subsection in XML::Parser*

## SUPPORT

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

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

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

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## AUTHOR

Pod::Simple was created by Sean M. Burke [<sburke@cpan.org>](mailto:sburke@cpan.org). But don't bother him, he's retired.

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