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

perllol

The "Tree" subsubsection 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* 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

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

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