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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'Pod::Simple::SimpleTree.3perl'***

***\$ man Pod::Simple::SimpleTree.3perl***

Pod::Simple::SimpleTree(3perl) Perl Programmers Reference Guide Pod::Simple::SimpleTree(3perl)

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" 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> and send patches!

Patches against Pod::Simple are welcome. Please send bug reports to

<bug-pod-simple@rt.cpan.org>.

#### COPYRIGHT AND DISCLAIMERS

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#### AUTHOR

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