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***Rocky Enterprise Linux 9.2 Manual Pages on command 'XML::Parser::Style::Tree.3pm'***

***\$ man XML::Parser::Style::Tree.3pm***

Parser::Style::Tree(3pm)    User Contributed Perl Documentation    Parser::Style::Tree(3pm)

**NAME**

XML::Parser::Style::Tree - Tree style parser

**SYNOPSIS**

```
use XML::Parser;

my $p = XML::Parser->new(Style => 'Tree');

my $tree = $p->parsefile('foo.xml');
```

**DESCRIPTION**

This module implements XML::Parser's Tree style parser.

When parsing a document, "parse()" will return a parse tree for the document. Each node in the tree takes the form of a tag, content pair. Text nodes are represented with a pseudo-tag of "0" and the string that is their content. For elements, the content is an array reference. The first item in the array is a (possibly empty) hash reference containing attributes. The remainder of the array is a sequence of tag-content pairs representing the content of the element.

So for example the result of parsing:

```
<foo><head id="a">Hello <em>there</em></head><bar>Howdy<ref/></bar>do</foo>
```

would be:

Tag	Content
-----	---------

=====

```
[foo, {}, head, [{id => "a"}, 0, "Hello ", em, {}, 0, "there"],  
  bar, [ {}, 0, "Howdy", ref, {}],  
  0, "do"  
]  
]
```

The root document "foo", has 3 children: a "head" element, a "bar" element and the text "do". After the empty attribute hash, these are represented in it's contents by 3 tag-content pairs.