

AxKit

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Introduction

- Perl's XML Capabilities
- AxKit intro
- AxKit static sites
- AxKit dynamic sites (XSP)
- Advanced AxKit

Foo!

XML with Perl Introduction

A very long *title that* should show how word wrapping in the *title* tag hopefully works properly today

- SAX-like API
- register callback handler methods
 - ◆ start tag
 - ◆ end tag
 - ◆ characters
 - ◆ comments
 - ◆ processing instructions

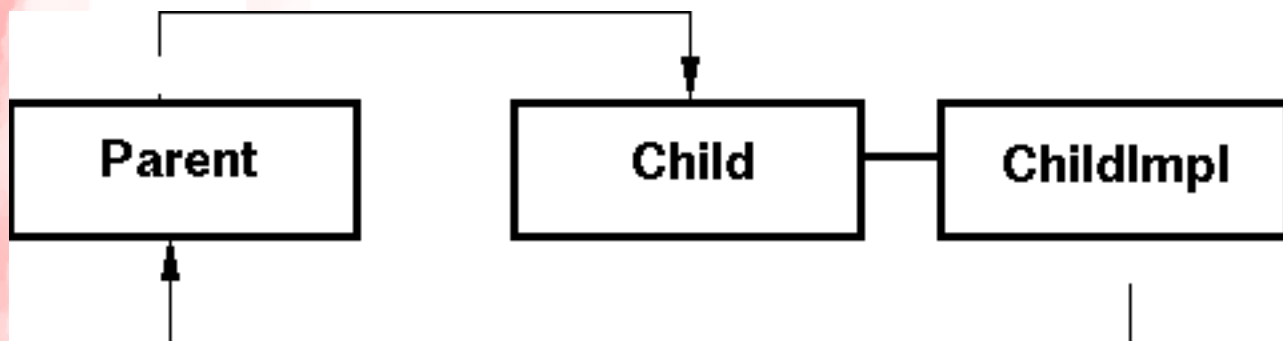
```
<?pi here?>
```
 - ◆ ... and more
- Non validating XML parser
- dies (throws an exception) on bad XML

XML::Parser code

```
my $p = XML::Parser->new(  
    Handlers => {  
        Start => \&start_tag,  
        End => \&end_tag,  
        # add more handlers here  
    });  
  
$p->parsefile("foo.xml");  
  
exit(0);  
  
sub start_tag {  
    my ($expat, $tag, %attrs) = @_;  
    print "Start tag: $tag\n";  
}  
  
sub end_tag {  
    my ($expat, $tag) = @_;  
    print "End tag: $tag\n";  
}
```

XML::XPath Implementation

- XML::Parser and SAX parsers build an in-memory tree
- Hand-built parser for XPath syntax (rather than YACC based parser)
- Garbage Collection yet still has circular references (and works on Perl 5.005)



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Resources and contact

- AxKit: <http://axkit.org/>
- CPAN: <http://search.cpan.org>
- libxml and libxslt: <http://www.xmlsoft.org>
- Sablotron: <http://www.gingerall.com>
- XPath and XSLT Tutorials: <http://zvon.org>