AxKit

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AXKIT.COM
Open Source XML Web Publishing.

Introduction

- Perl's XML Capabilities
- A long bullet point line for testing the line wrapping capabilities which should make this look OK
- AxKit static sites
- AxKit dynamic sites (XSP)
- Advanced AxKit

  Foo!

XML with Perl Introduction

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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, %attribs) = @_;
  print "Start tag: $tag\n";
}

sub end_tag {
  my ($expat, $tag) = @_;
  print "End tag: $tag\n";
}
```

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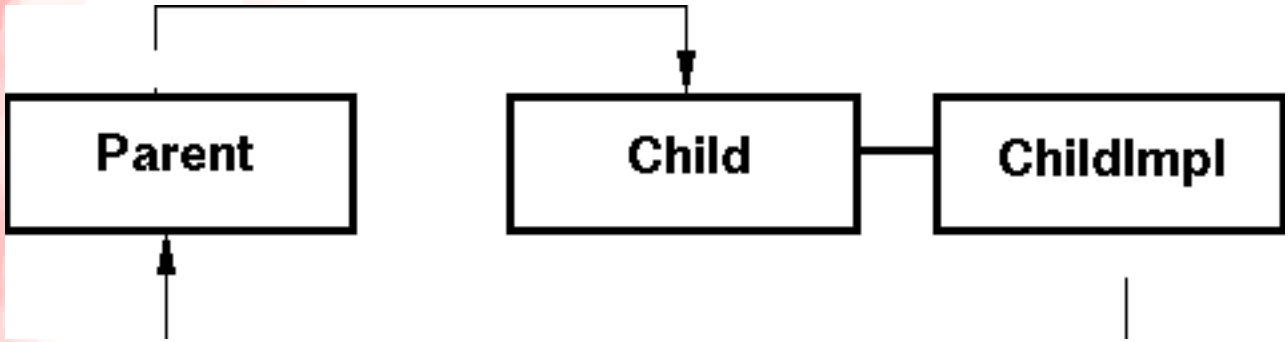
XML::XPath Implementation

- 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