



## ***Linux Ubuntu 22.4.5 Manual Pages on command 'XML::LibXML::XPathExpression.3pm'***

***\$ man XML::LibXML::XPathExpression.3pm***

XML::LibXML::XPathExpressionUser)Contributed Perl DocumenXML::LibXML::XPathExpression(3pm)

### NAME

XML::LibXML::XPathExpression - XML::LibXML::XPathExpression - interface to libxml2  
pre-compiled XPath expressions

### SYNOPSIS

```
use XML::LibXML;

my $compiled_xpath = XML::LibXML::XPathExpression->new('//foo[@bar="baz"]'[position()<4]);

# interface from XML::LibXML::Node

my $result = $node->find($compiled_xpath);

my @nodes = $node->findnodes($compiled_xpath);

my $value = $node->findvalue($compiled_xpath);

# interface from XML::LibXML::XPathContext

my $result = $xpc->find($compiled_xpath,$node);

my @nodes = $xpc->findnodes($compiled_xpath,$node);

my $value = $xpc->findvalue($compiled_xpath,$node);

$compiled = XML::LibXML::XPathExpression->new( xpath_string );
```

### DESCRIPTION

This is a perl interface to libxml2's pre-compiled XPath expressions. Pre-compiling an XPath expression can give in some performance benefit if the same XPath query is evaluated many times. "XML::LibXML::XPathExpression" objects can be passed to all "find..." functions "XML::LibXML" that expect an XPath expression.

new()

```
$compiled = XML::LibXML::XPathExpression->new( xpath_string );
```

The constructor takes an XPath 1.0 expression as a string and returns an object representing the pre-compiled expressions (the actual data structure is internal to libxml2).

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#### VERSION

2.0134

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