



Linux Ubuntu 22.4.5 Manual Pages on command 'XML::LibXML::NodeList.3pm'

\$ man XML::LibXML::NodeList.3pm

XML::LibXML::NodeList(3pm) User Contributed Perl Documentation XML::LibXML::NodeList(3pm)

NAME

XML::LibXML::NodeList - a list of XML document nodes

DESCRIPTION

An XML::LibXML::NodeList object contains an ordered list of nodes, as detailed by the W3C DOM documentation of Node Lists.

SYNOPSIS

```
my $results = $dom->findnodes('//somepath');
foreach my $context ($results->get_nodelist) {
    my $newresults = $context->findnodes('./other/element');
    ...
}
```

API

new(@nodes)

You will almost never have to create a new NodeList object, as it is all done for you by XPath.

get_nodelist()

Returns a list of nodes, the contents of the node list, as a perl list.

`string_value()`

Returns the string-value of the first node in the list. See the XPath specification for what "string-value" means.

`to_literal()`

Returns the concatenation of all the string-values of all the nodes in the list.

`to_literal_delimited($separator)`

Returns the concatenation of all the string-values of all the nodes in the list, delimited by the specified separator.

`to_literal_list()`

Returns all the string-values of all the nodes in the list as a perl list.

`get_node($pos)`

Returns the node at \$pos. The node position in XPath is based at 1, not 0.

`size()`

Returns the number of nodes in the NodeList.

`pop()`

Equivalent to perl's pop function.

`push(@nodes)`

Equivalent to perl's push function.

`append($nodelist)`

Given a nodelist, appends the list of nodes in \$nodelist to the end of the current list.

`shift()`

Equivalent to perl's shift function.

`unshift(@nodes)`

Equivalent to perl's unshift function.

`prepend($nodelist)`

Given a nodelist, prepends the list of nodes in \$nodelist to the front of the current list.

`map($coderef)`

Equivalent to perl's map function.

`grep($coderef)`

Equivalent to perl's grep function.

`sort($coderef)`

Equivalent to perl's sort function.

Caveat: Perl's magic \$a and \$b variables are not available in \$coderef. Instead the two terms are passed to the coderef as arguments.

`reverse()`

Equivalent to perl's reverse function.

`foreach($coderef)`

Inspired by perl's foreach loop. Executes the coderef on each item in the list.

Similar to "map", but instead of returning the list of values returned by \$coderef, returns the original NodeList.

`reduce($coderef, $init)`

Equivalent to List::Util's reduce function. \$init is optional and provides an initial value for the reduction.

Caveat: Perl's magic \$a and \$b variables are not available in \$coderef. Instead the two terms are passed to the coderef as arguments.

perl v5.30.0

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