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Rocky Enterprise Linux 9.2 Manual Pages on command 'XML::XPathEngine::NodeSet.3pm'

\$ man XML::XPathEngine::NodeSet.3pm

XML::XPathEngine::NodeSet(3pm) User Contributed Perl Documentation XML::XPathEngine::NodeSet(3pm)

NAME

XML::XPathEngine::NodeSet - a list of XML document nodes

DESCRIPTION

An XML::XPathEngine::NodeSet object contains an ordered list of nodes. The nodes each take the same format as described in XML::XPathEngine::XMLParser.

SYNOPSIS

```
my $results = $xp->find('//someelement');  
if (!$results->isa('XML::XPathEngine::NodeSet')) {  
    print "Found $results\n";  
    exit;  
}  
foreach my $context ($results->get_nodelist) {  
    my $newresults = $xp->find('./other/element', $context);  
    ...  
}
```

API

new()

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

XPath.

`get_nodelist()`

Returns a list of nodes. See `XML::XPathEngine::XMLParser` for the format of the nodes.

`string_value()`

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

`string_values()`

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

`to_literal()`

Returns the concatenation of all the string-values of all the nodes in the 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 `NodeSet`.

`pop()`

Equivalent to perl's `pop` function.

`push(@nodes)`

Equivalent to perl's `push` function.

`append($nodeset)`

Given a `nodeset`, appends the list of nodes in `$nodeset` to the end of the current list.

`shift()`

Equivalent to perl's `shift` function.

`unshift(@nodes)`

Equivalent to perl's `unshift` function.

`prepend($nodeset)`

Given a `nodeset`, prepends the list of nodes in `$nodeset` to the front of the current list.

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