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.