



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

**C:\>man XML::XPathEngine::NodeSet.3pm**

XML::XPathEngine::NodeSet(3pUser Contributed Perl DocumentatXML::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.

perl v5.26.1

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