



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

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

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

NAME

XML::LibXML::PI - XML::LibXML Processing Instructions

SYNOPSIS

```
use XML::LibXML;

# Only methods specific to Processing Instruction nodes are listed here,
# see the XML::LibXML::Node manpage for other methods

$pinode->setData( $data_string );

$pinode->setData( name=>string_value [...] );
```

DESCRIPTION

Processing instructions are implemented with XML::LibXML with read and write access. The PI data is the PI without the PI target (as specified in XML 1.0 [17]) as a string. This string can be accessed with getData as implemented in XML::LibXML::Node.

The write access is aware about the fact, that many processing instructions have attribute like data. Therefore setData() provides besides the DOM spec conform Interface to pass a set of named parameter. So the code segment

```
my $pi = $dom->createProcessingInstruction("abc");
$pi->setData(foo=>'bar', foobar=>'foobar');
$dom->appendChild( $pi );
```

will result the following PI in the DOM:

```
<?abc foo="bar" foobar="foobar"?>
```

Which is how it is specified in the DOM specification. This three step interface creates temporary a node in perl space. This can be avoided while using the insertProcessingInstruction() method. Instead of the three calls described above, the call

```
$dom->insertProcessingInstruction("abc", 'foo="bar" foobar="foobar");
```

will have the same result as above.

XML::LibXML::PI's implementation of setData() documented below differs a bit from the standard version as available in XML::LibXML::Node:

setData

```
$pinode->setData( $data_string );
```

```
$pinode->setData( name=>string_value [...] );
```

This method allows one to change the content data of a PI. Additionally to the interface specified for DOM Level2, the method provides a named parameter interface to set the data. This parameter list is converted into a string before it is appended to the PI.

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VERSION

2.0134

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2006-2009, Petr Pajas.

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