



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

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

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

NAME

XML::LibXML::RegExp - XML::LibXML::RegExp - interface to libxml2 regular expressions

SYNOPSIS

```
use XML::LibXML;

my $compiled_re = XML::LibXML::RegExp->new("[0-9]{5}-[0-9]{4}?");

if ($compiled_re->isDeterministic()) { ... }

if ($compiled_re->matches($string)) { ... }

$compiled_re = XML::LibXML::RegExp->new( $regexp_str );

$bool = $compiled_re->matches($string);

$bool = $compiled_re->isDeterministic();
```

DESCRIPTION

This is a perl interface to libxml2's implementation of regular expressions, which are used e.g. for validation of XML Schema simple types (pattern facet).

new()

```
$compiled_re = XML::LibXML::RegExp->new( $regexp_str );
```

The constructor takes a string containing a regular expression and returns a compiled regexp object.

`matches($string)`

```
$bool = $compiled_re->matches($string);
```

Given a string value, returns a true value if the value is matched by the compiled regular expression.

`isDeterministic()`

```
$bool = $compiled_re->isDeterministic();
```

Returns a true value if the regular expression is deterministic; returns false otherwise. (See the definition of determinism in the XML spec (<<http://www.w3.org/TR/REC-xml/#determinism>>))

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VERSION

2.0134

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