

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>>))

AUTHORS

Matt Sergeant, Christian Glahn, Petr Pajas

VERSION

2.0134

COPYRIGHT

2001–2007, AxKit.com Ltd.

2002–2006, Christian Glahn.

2006–2009, Petr Pajas.

LICENSE

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.