

NAME

XML::LibXML::RelaxNG – RelaxNG Schema Validation

SYNOPSIS

```
use XML::LibXML;
$doc = XML::LibXML->new->parse_file($url);

$rngschema = XML::LibXML::RelaxNG->new( location => $filename_or_url );
$rngschema = XML::LibXML::RelaxNG->new( string => $xmlschemastring );
$rngschema = XML::LibXML::RelaxNG->new( DOM => $doc );
eval { $rngschema->validate( $doc ); };
```

DESCRIPTION

The XML::LibXML::RelaxNG class is a tiny frontend to libxml2's RelaxNG implementation. Currently it supports only schema parsing and document validation.

METHODS**new**

```
$rngschema = XML::LibXML::RelaxNG->new( location => $filename_or_url );
$rngschema = XML::LibXML::RelaxNG->new( string => $xmlschemastring );
$rngschema = XML::LibXML::RelaxNG->new( DOM => $doc );
```

The constructor of XML::LibXML::RelaxNG may get called with either one of three parameters. The parameter tells the class from which source it should generate a validation schema. It is important, that each schema only have a single source.

The location parameter allows one to parse a schema from the filesystem or a URL.

The string parameter will parse the schema from the given XML string.

The DOM parameter allows one to parse the schema from a pre-parsed XML::LibXML::Document.

Note that the constructor will **die()** if the schema does not meet the constraints of the RelaxNG specification.

validate

```
eval { $rngschema->validate( $doc ); };
```

This function allows one to validate a (parsed) document against the given RelaxNG schema. The argument of this function should be an XML::LibXML::Document object. If this function succeeds, it will return 0, otherwise it will **die()** and report the errors found. Because of this **validate()** should be always evaluated.

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VERSION

2.0134

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