Package 'xslt'

December 16, 2024

Version 1.5.0

Title Extensible Style-Sheet Language Transformations

Description An extension for the 'xml2' package to transform XML documents by applying an 'xslt' style-sheet.

Maintainer Jeroen Ooms <jeroenooms@gmail.com>

URL https://ropensci.r-universe.dev/xslt

https://docs.ropensci.org/xslt/

BugReports https://github.com/ropensci/xslt/issues

Depends xml2 (>= 1.3.0)

Imports Rcpp

LinkingTo Rcpp, xml2

SystemRequirements libxslt: libxslt1-dev (deb), libxslt-devel (rpm)

License GPL (>= 2)

RoxygenNote 6.0.1

Suggests testthat

NeedsCompilation yes

Author Jeroen Ooms [aut, cre] (<https://orcid.org/0000-0002-4035-0289>)

Repository CRAN

Date/Publication 2024-12-16 15:00:01 UTC

Contents

1

| xslt | *XSLT 1.0 Transformations* |

Description

Transform an XML document by applying an XSL stylesheet. Usually returns the transformed
[xml_document](#), unless the stylesheet has `<xsl:output method="text">` in which case we return a
text string.

Usage

```
xml_xslt(doc, stylesheet, params)

xslt_version()
```

Arguments

doc	xml document as returned by [xml2::read_xml](#)
stylesheet	another xml document containing the XSL stylesheet
params	named list or vector with additional XSLT parameters

Details

This implementation supports XSLT 1.0 features plus most of the EXSLT set of processor-portable
extensions functions. Unfortunately XSLT 2.0 or 3.0 features are only available in proprietary
libraries and currently unsupported. However XSLT 2.0 is not widely adopted anyway because it is
unavailable in most browsers.

Examples

```
doc <- read_xml(system.file("examples/cd_catalog.xml", package = "xslt"))
style <- read_xml(system.file("examples/cd_catalog.xsl", package = "xslt"))
html <- xml_xslt(doc, style)
cat(as.character(html))
```

Index