Package: xslt (via r-universe)

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Version 1.5.1

Title Extensible Style-Sheet Language Transformations

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

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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

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Repository https://cran.r-universe.dev

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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))
```

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