

Package: equatags (via r-universe)

August 22, 2024

Type Package

Title Equations to 'XML'

Version 0.2.1

Description Provides function to transform latex math expressions into format 'HTML' or 'Office Open XML Math'. The 'XML' result can then be included in 'HTML', 'Microsoft Word' documents or 'Microsoft PowerPoint' presentations by using a 'Markdown' document or the R package 'officer'.

BugReports <https://github.com/ardata-fr/equatags/issues>

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Depends R (>= 4.0.0)

Imports xml2, xslt, katex

Repository <https://ardata-fr.r-universe.dev>

RemoteUrl <https://github.com/ardata-fr/equatags>

RemoteRef HEAD

RemoteSha b42e838af2799a3112328447e8e79265bff02605

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transform_mathjax *'MathJax' equation as 'HTML' or 'MathML'.*

Description

Get 'HTML' or 'MathML' XML codes corresponding to the rendering of 'MathJax' equations.

Usage

```
transform_mathjax(x, to = "html", display = FALSE)
```

Arguments

x	MathJax equations
to	output format, one of 'html' or 'mml'
display	should the equation be in display (TRUE) or inline mode (FALSE, by default)

Value

a character vector that contains 'html' or 'mml' codes corresponding to the equations.

Examples

```
x <- c("(ax^2 + bx + c = 0)",  
      "x = {-b \pm \sqrt{b^2-4ac} \over 2a}.")  
z <- transform_mathjax(x = x, to = "html")  
cat(z, sep = "\n\n")  
z <- transform_mathjax(x = x, to = "mml")  
cat(z, sep = "\n\n")
```

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