Package 'nbconvertR'

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Type Package

Title Vignette Engine Wrapping Jupyter Notebooks

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Description Calls the 'Jupyter' script 'nbconvert' to create vignettes from
notebooks. Those notebooks ('.ipynb' files) are files containing rich text,
code, and its output. Code cells can be edited and evaluated interactively.
See <https://jupyter.org/> for more information.

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SystemRequirements pandoc, jupyter, jupyter nbconvert (``nbconvert''
python package), pywin32 (on windows)

Encoding UTF-8

RoxygenNote 7.0.0

Suggests testthat

NeedsCompilation no

Repository CRAN

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R topics documented:

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nbconvert   *Jupyter/IPython Notebook Conversion*

Description

An R interface for using Jupyter/IPython system calls to convert .ipynb notebooks unsing meta information. When passed "<filename>.ipynbmeta" it will convert "<filename>.ipynb" to "<filename>.<ext>".

Usage

```
nbconvert(
  file,
  fmt = c("html", "latex", "markdown", "pdf", "rst", "script", "slides"),
  quiet = TRUE,
  ...
)

nbconvert_html(file, quiet = TRUE, ...)
nbconvert_latex(file, quiet = TRUE, ...)
nbconvert_markdown(file, quiet = TRUE, ...)
nbconvert_pdf(file, quiet = TRUE, ...)
nbconvert_rst(file, quiet = TRUE, ...)
nbconvert_script(file, quiet = TRUE, ...)
nbconvert_slides(file, quiet = TRUE, ...)
```

Arguments

file	A file with a .ipynbmeta extension that contains vignette metadata lines
fmt	A format supported by nbconvert. "script" will create an .r file, and "slides" a reveal.js-powered html presentation.
quiet	Suppress command output if TRUE (the output will always be shown on error)
...	Ignored for now

Details

Apart from the standard %\VignetteIndexEntry{<name>} and %\VignetteEngine{<namespace>::<name>} directives, it also understands:

1. %\VignetteTemplate{<format>}{<filename>}, which will pass a --template parameter to nbconvert

2. %\VignettePreprocessors{<format>}{<module>.<Preproc>[, ...]}, which will pass --<Format>Exporter.pre to nbconvert.

Value

The filename of the resulting document, script or presentation

Examples

```
## Not run:
path <- system.file('doc/test-vignette.ipynbmeta', package = 'nbconvertR')
nbconvert(path, 'pdf')

## End(Not run)
```

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