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Linux Ubuntu 22.4.5 Manual Pages on command 'jupyter-nbconvert.1'

$ man jupyter-nbconvert.1

JUPYTER-NBCONVERT(1) User Commands JUPYTER-NBCONVERT(1)

NAME

jupyter-nbconvert - Convert notebook files (*.ipynb) to various other formats.

DESCRIPTION

WARNING: THE COMMANDLINE INTERFACE MAY CHANGE IN FUTURE RELEASES.

Arguments that take values are actually convenience aliases to full Configurables,

whose aliases are listed on the help line. For more information on full config?

urables, see '--help-all'.

-y

Answer yes to any questions instead of prompting.

--execute

Execute the notebook prior to export.

--allow-errors

Continue notebook execution even if one of the cells throws an error and in?

clude the error message in the cell output (the default behaviour is to

abort conversion). This flag is only relevant if '--execute' was specified,

too.

--stdout

Write notebook output to stdout instead of files.

--debug

set log level to logging.DEBUG (maximize logging output)

--inplace

Run nbconvert in place, overwriting the existing notebook (only relevant when converting to notebook format)

--generate-config

generate default config file

--reveal-prefix=<Unicode> (RevealHelpPreprocessor.url_prefix)

The URL prefix for reveal.js. This can be a a relative URL for a local copy of reveal.js, or point to a CDN. For speaker notes to work, a local re? veal.js prefix must be used. (default: 'reveal.js')

--nbformat=<Enum> (NotebookExporter.nbformat_version)

The nbformat version to write. Use this to downgrade notebooks. Choices: [1, 2, 3, 4] (with default 4)

--writer=<DottedObjectName> (NbConvertApp.writer_class)

Writer class used to write the results of the conversion (default: 'FilesWriter')

--log-level=<Enum> (Application.log_level)

Set the log level by value or name. Choices: (0, 10, 20, 30, 40, 50, 'DE? BUG', 'INFO', 'WARN', 'ERROR', 'CRITICAL') (default: 30)

--to=<CaselessStrEnum> (NbConvertApp.export_format)

The export format to be used. Choices: ['custom', 'html', 'latex', 'mark? down',

'notebook', 'pdf', 'python', 'rst', 'script', 'slides'] (default: 'html')

--template=<Unicode> (TemplateExporter.template_file)

Name of the template file to use (default: u'')

--output=<Unicode> (NbConvertApp.output_base)

overwrite base name use for output files. can only be used when converting one notebook at a time (default: '').

--post=<DottedOrNone> (NbConvertApp.postprocessor_class)

PostProcessor class used to write the results of the conversion (default u'')

--config=<Unicode> (JupyterApp.config_file)

Full path of a config file (default: u'').

To see all available configurables, use `--help-all`

EXAMPLES

The simplest way to use nbconvert is

jupyter nbconvert mynotebook.ipynb

which will convert mynotebook.ipynb to the default format (probably HTML).

You can specify the export format with `--to`. Options include ['custom', 'html', 'latex', 'markdown', 'notebook', 'pdf', 'python', 'rst', 'script', 'slides']

jupyter nbconvert --to latex mynotebook.ipynb

Both HTML and LaTeX support multiple output templates. LaTeX includes 'base', 'article' and 'report'. HTML includes 'basic' and 'full'. You can specify the flavor of the format used.

jupyter nbconvert --to html --template basic mynotebook.ipynb

You can also pipe the output to stdout, rather than a file

jupyter nbconvert mynotebook.ipynb --stdout

PDF is generated via latex

jupyter nbconvert mynotebook.ipynb --to pdf

You can get (and serve) a Reveal.js-powered slideshow

jupyter nbconvert myslides.ipynb --to slides --post serve

Multiple notebooks can be given at the command line in a couple of different ways:

jupyter nbconvert notebook*.ipynb

jupyter nbconvert notebook1.ipynb notebook2.ipynb

or you can specify the notebooks list in a config file, containing::

c.NbConvertApp.notebooks = ["my_notebook.ipynb"]

jupyter nbconvert --config mycfg.py