Latex - How it works in Jupyter

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1 Get your Jupyter Notebooks as Latex output

1.1 Install Miktex - Download Link: https://miktex.org/download

check if its on path from cmd using: `tex version`

1.2 Use the code below for a pdf-output with *cells*

```
jupyter nbconvert --to pdf latex.ipynb
```

1.3 Use the code below for a pdf-output with *no cells*

```
jupyter nbconvert --to pdf latex.ipynb --no-input
```

1.4 Using a custom template

Steps

1. Create .tpl file
2. import in cmd using `--template=yourtemplate.tpl`

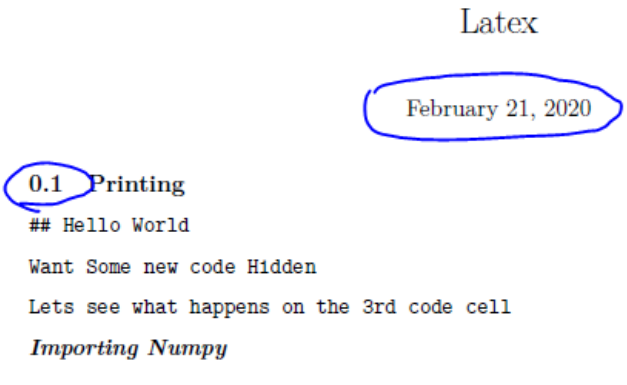
```
jupyter nbconvert --to python 'example.ipynb' --stdout --template=simplepython.tpl
```

1.5 Export your template from your ipynb file using:

```
jupyter nbconvert --to pdf --TemplateExporter.exclude_input=True my_notebook.ipynb
```

```
jupyter nbconvert  --to markdown my_file.ipynb --template="mytemplate.tpl"
```

1.6 Edit Titles from Miktex Latex editor


Latex

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0.1 Printing

Hello World

Want Some new code Hidden

Lets see what happens on the 3rd code cell

Importing Numpy

Steps

1. Open your .tex file in the Miktex viewer
2. Go to `/maketitle` and delete it
3. Insert the Statement:

```
\begin{title}    \begin{center}       \Large\textbf{Your Text}\\
\large\textit{Your Text 2}    \end{center} \end{title}
```

1.7 Insert Images in Jupyter

Format: `![ex 2.13](path/ex2.png)`

1.8 To create an internal clickable link in the same notebook:

Steps

1. : Create link `[To some Internal Section](#section_id)`
2. : Create destination `<a id='section_id'></a>`