Cloud Native Presentation Slides with Jupyter Notebook + Reveal.js

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# Jupyter Notebook + Reveal.js

# Introduction

Microsoft PowerPoint is cool. I like it! It is like a Swiss army knife for consultants. You can make beautiful slides with it. When it comes to code though, PowerPoint sucks. Really! The solution is to use [reveal.js](). It is cool. You can use Markdown to highlight code. It is responsive but like LaTeX, it can be tedious.

Another way to use reveal.js is through Jupyter Notebook. You just create a notebook and then use `nbconvert` to get reveal.js slides as well. The standard output is however boring. I seriously mean it! This repo therefore tries to bridge this gap by using customized colors and images.

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solves this problem by simply using `cf push`.

## Getting Started

Create the conda environment:

```
conda env create -f environment.yml
```

You can find a notebook template in the `static` folder which contains some examples like cover and divider slides, markdown syntax and many more. Here is a [link]() for a nice intro into creating slides with Jupyter notebook.

When you are done with editing your notebook, you need to generate the slides with this command:

```
# from ./jupyter2slides/
python create_slides.py --file static/presentation_template.ipynb
```

Now you can either call this command to serve the presentation on your local machine

```
python run.py --file static/presentation_template.slides.html
```

or just use `cf push` to push it to the cloud. I use Flask to serve those static files.

To convert the slides to pdf, I use [decktape]():

```
cd decktape-1.0.0/
./phantomjs decktape.js generic --keycode=Space "http://0.0.0.0:9099/" presentation_template.pdf
```

or you can also use the `?print-pdf` option but this is not recommended as the formatting is not displayed correctly.

**Requirements:**

Python 3.6.*

nbconvert 5.3.*

reveal.js 3.1.0

**Demo:**

[Presentation Template](#) | [PDF](#)
[Interactive Template](#) | [PDF](#)

# FAQ

**How can I change the color of the headline, text, links, list etc.?**

You can change everything in the `custom.css` file.

**How can I change the footer?**

If you need to change the footer, open `jupyter_template.tpl` and go to `Change footer here`.

**Where did you get the image and favicon?**

The image used for the cover slide is from [Pexel](#) and the favicon is from [freefavicon](#). They are both free to use.

**Does it work with other reveal.js version?**

Yes, but this is not recommended as the colors might be broken due to differences in the css styles.

# Copyright

## Releases

No releases published

## Packages

No packages published

## Languages

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- **Jupyter Notebook** 32.5%
- **JavaScript** 9.5%
- **CSS** 4.9%
- **Smarty** 0.1%
- **Python** 0.0%