LaTeX + Inkscape + Beamer + Latexmk

Hacker's Café Brown Bag

Aaron Young

ORNL

August 9, 2022

ORNL is managed by UT-Battelle, LLC for the US Department of Energy

LaTeX + + + Latexmk

LaTeX Resources

- TeX and LaTeX Books (latex-project.org)
- LaTeX: A document preparation system, User's guide and reference manual
- LaTeX - Wikibooks, open books for an open world
- Documentation - Overleaf, Online LaTeX Editor

Inkscape Resources

- `https://inkscape.org/`
- Inkscape Tutorials[1]
- My Inkscape Extensions

Beamer Resources

- Beamer User Guide
- Beamer - Overleaf, Online LaTeX Editor

[1] Also accessible from within Inkscape. Help → Tutorials

Latexmk Resources

- Using Latexmk
- Latexmk Manual[2]

[2] Also available from `man latexmk`.

Templates

- latex-templates
- inkscape-templates

Branding Guidelines

- ORNL Branding Guidelines

New Shared Presentation

1. Create a new blank Overleaf Document.
2. Clone Overleaf project's git repo. Menu → Git → Copy Command

   ```
   git clone https://git.overleaf.com/<url> <Project Name>
   ```

3. Replace content of repo with the desired LaTeX Template Files.
4. (Optional) Copy `main.tex` to `template.tex` to use as a reference and for slide layouts.
5. Commit your changes.
6. Edit `main.tex` to create your slides.

Notes

- Markdown is quite limited in beamer, so converting to LaTeX with pandoc might work better.

```
:'<,'>!pandoc -f gfm -t beamer
```

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