Xaringan in a Jekyll site

with (uhmm...) xaringan (metropolis theme)

zgfabian
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Made with Xaringan Rstat library

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Basics

What is Jekyll?

Jekyll is a static website generator. I use it for my personal website at zgfabian.github.com.

What is Xaringan?

The `xaringan` R package is an R Markdown extension based on the JavaScript library remark.js to generate HTML5 presentations of a different style. It's been developed by Yihui Xie.

Xaringan overview

```
# install
install.packages("xaringan")
# list available theme (+font) names
names(xaringan:::list_css())
```

Some features of Xaringan

- Based on Rmarkdown and require some html, css and optimally js knowledge
- Built-in css themes and theme customisation made easy with `xaringanthemer` package
- online and offline presentations
- pdf output (TODO:)
- slide separator: ---
- incremental reveal separator: --
- presenter notes separator: ???
- press ? to see features
  - (p) presenter mode and cloning: show the (???) notes and timer on your screen and the clone on the projector
  - f fullscreen

File locations

- `remark.js` is served from a project folder. (In my case on `minimal-mistake` Jekyll theme it is `./assets/js/` folder)

```
output:
  xaringan::moon_reader:
    chakra: ../assets/js/remark-latest.min.js
```

Note: Mind your `remark.js` version. Xariangan provides a dedicated function, (`summon_remark`) to download the proper version of the `remark.js` script to your local disk, so you can render slides offline. You need to change the `chakra` argument of `moon_reader()` accordingly.

- header customization for proper favicon display
  - Xaringan Rmd yaml front matter

```
output:
  xaringan::moon_reader:
    ...
    includes:
      in_header: ../_includes/head/favicon-xaringan.html
```

Further resources

- for creating custom xaringan themes - xaringanthemer package

- remarkjs.com - website

- xaringan in the Rmarkdown book -
  https://bookdown.org/yihui/rmarkdown/xaringan.html

- https://www.rstudio.com/wp-content/uploads/2015/03/rmarkdown-reference.pdf