# The Ad-Hoc Presentations

DigitalLabs
@MMU

# How you do GitHub

# First up! DigitalLabs@MMU – Who are we?

- We belong to MMU
- We live in the Shed
- We build tech
- We write software



digitallabs.mmu.ac.uk

# DigitalLabs@MMU – What do we do?

- We're an Enterprise Unit
- We model a small business
- We try to stay afloat
- We're staffed by real developers
- We share our experiences



digitallabs.mmu.ac.uk

# Why DigitalLabs?

- **There is an expectations gap**
  - Small Business
    - Over-estimate the experience of graduates
  - Graduates
    - Over-estimate the capabilities of small businesses
- **Often leads to bad first-job experiences**
  - It doesn't have to be that way!

# Why DigitalLabs?

- **DigitalLabs acts as a small enterprise**
  - Same pressures
  - Same philosophies
  - Same tools
  - Giving authenticity in our teaching
- **We demonstrate …**
  - … what to expect from being part of a small team
  - … how to find effective tools
  - … how to manage short-term projects

# Tools

- **Identity**
  - Use it to unlock free development resources
- **Editor / IDE**
  - The main tool of your trade
- **Storage**
  - Versioning, for binaries and source

# Tools: Identity

**Google Account**

- Mailbox
- Versioned Storage
- Productivity Tools

**Why use it? It's not the best.**

- Use-it-and-drop-it service
- Biggest free storage
- 3rd Party GSuite Apps

# Tools: Editor/IDE

You have probably a favourite, today we're trying…

**Microsoft Visual Studio Code**

- Robust
- Big plugin marketplace
- Cross-platform
- Debugger

**Why use it? Here's a comparison (others are available!)**

- Great for debugging:
  - Cross-platform mobile
  - Node servers

# Tools: Storage

**Binary: Google Drive**
- File versions
- Most generous storage

**Source: Github**
- Reliable, versatile, free
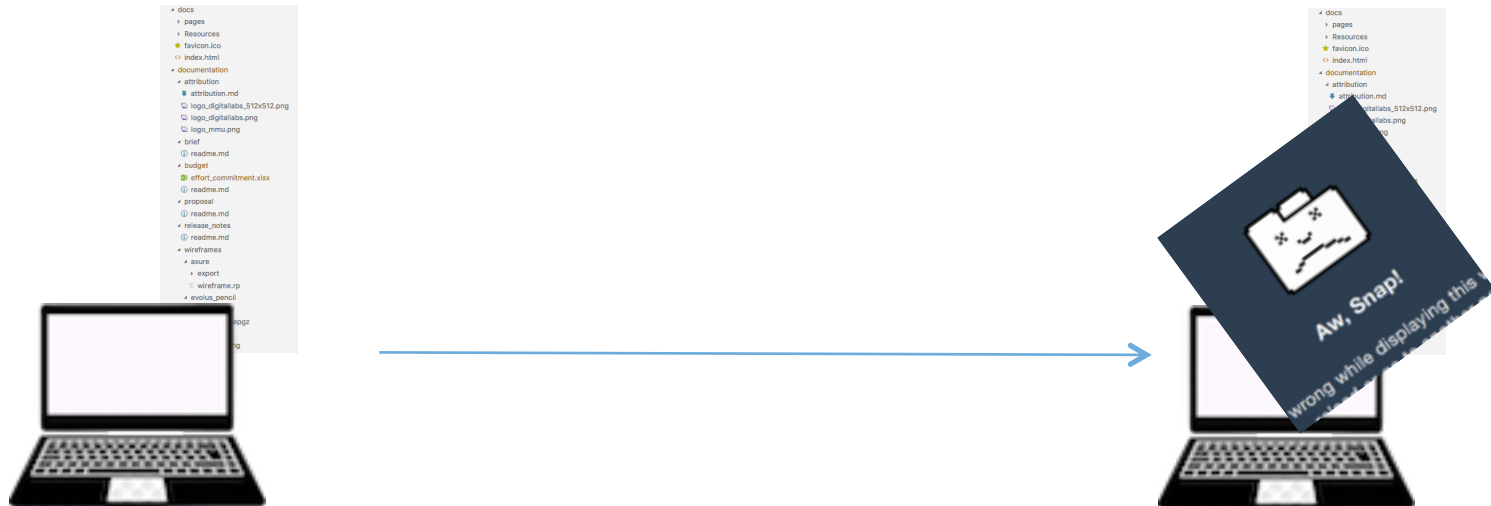- Meritocratic Analytics
  - Team performance
  - Portfolio
- Issues List

*Why use it? Ever been to GitHub's front page? Do it!*

# Tools: GitHub
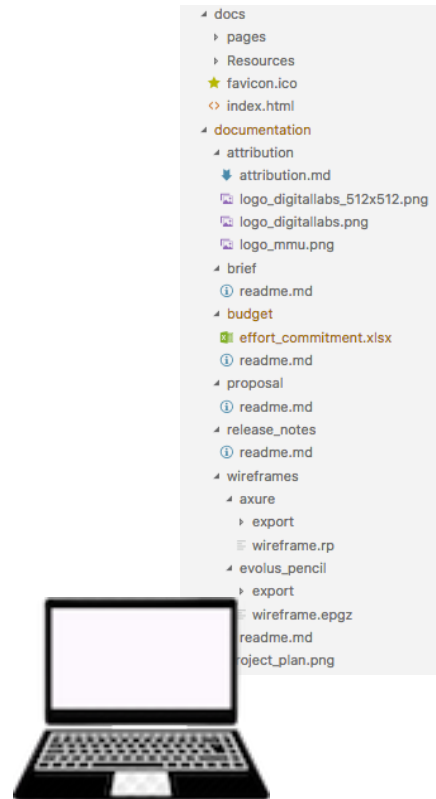
# Tools: GitHub
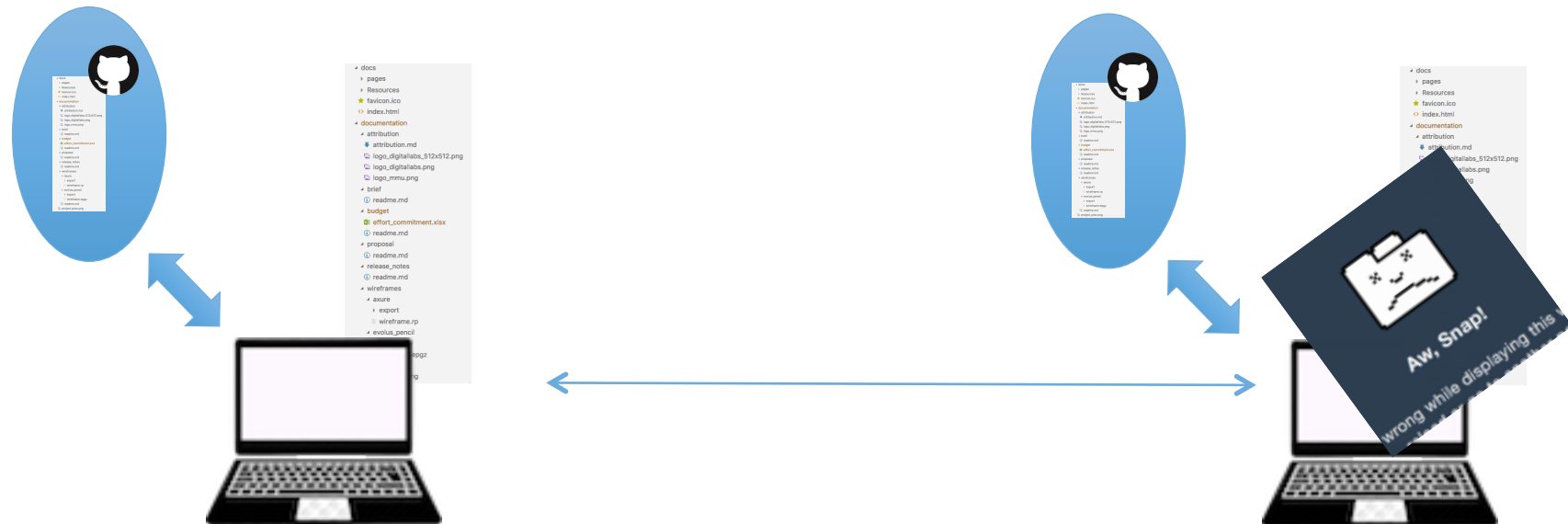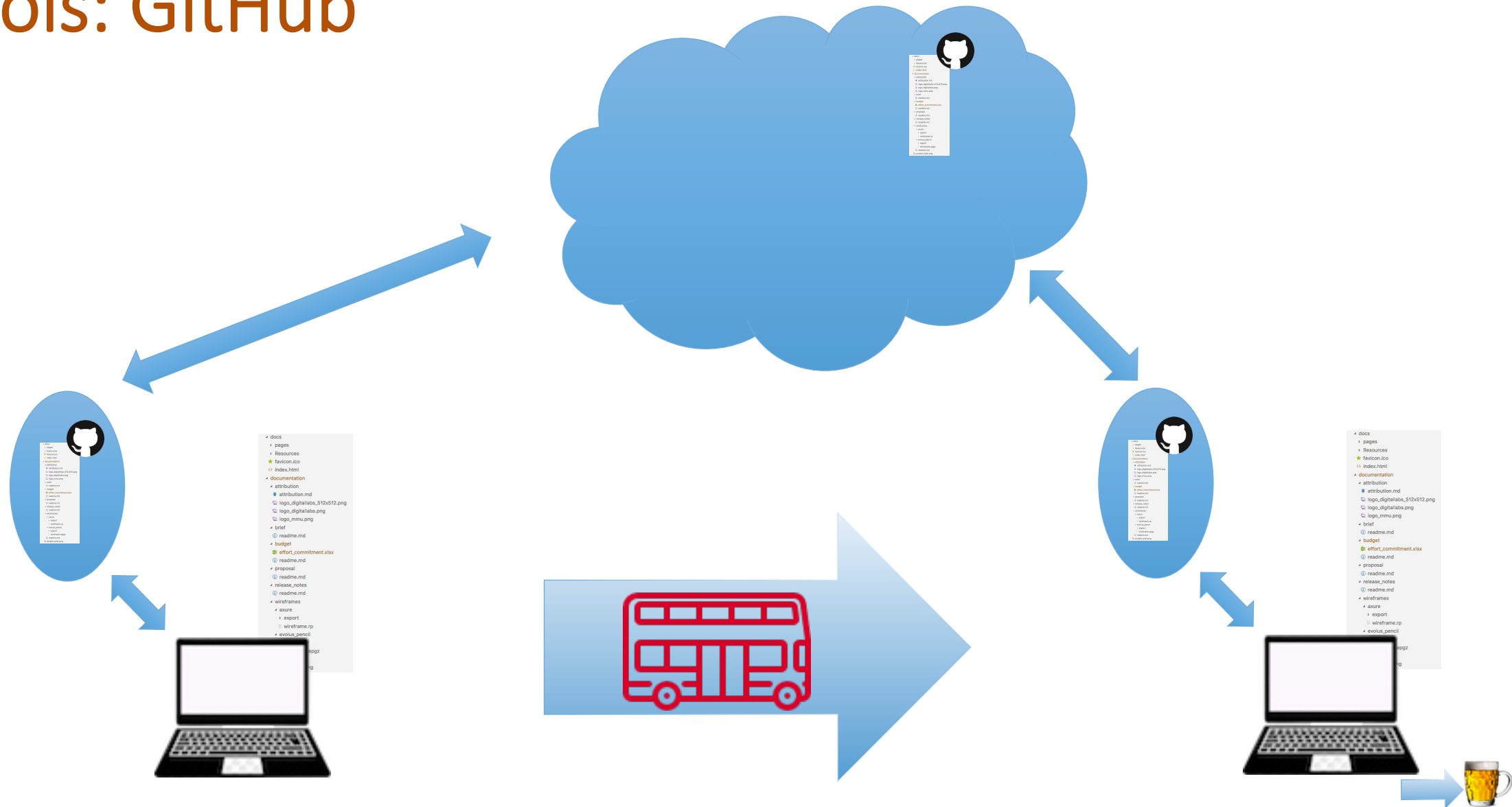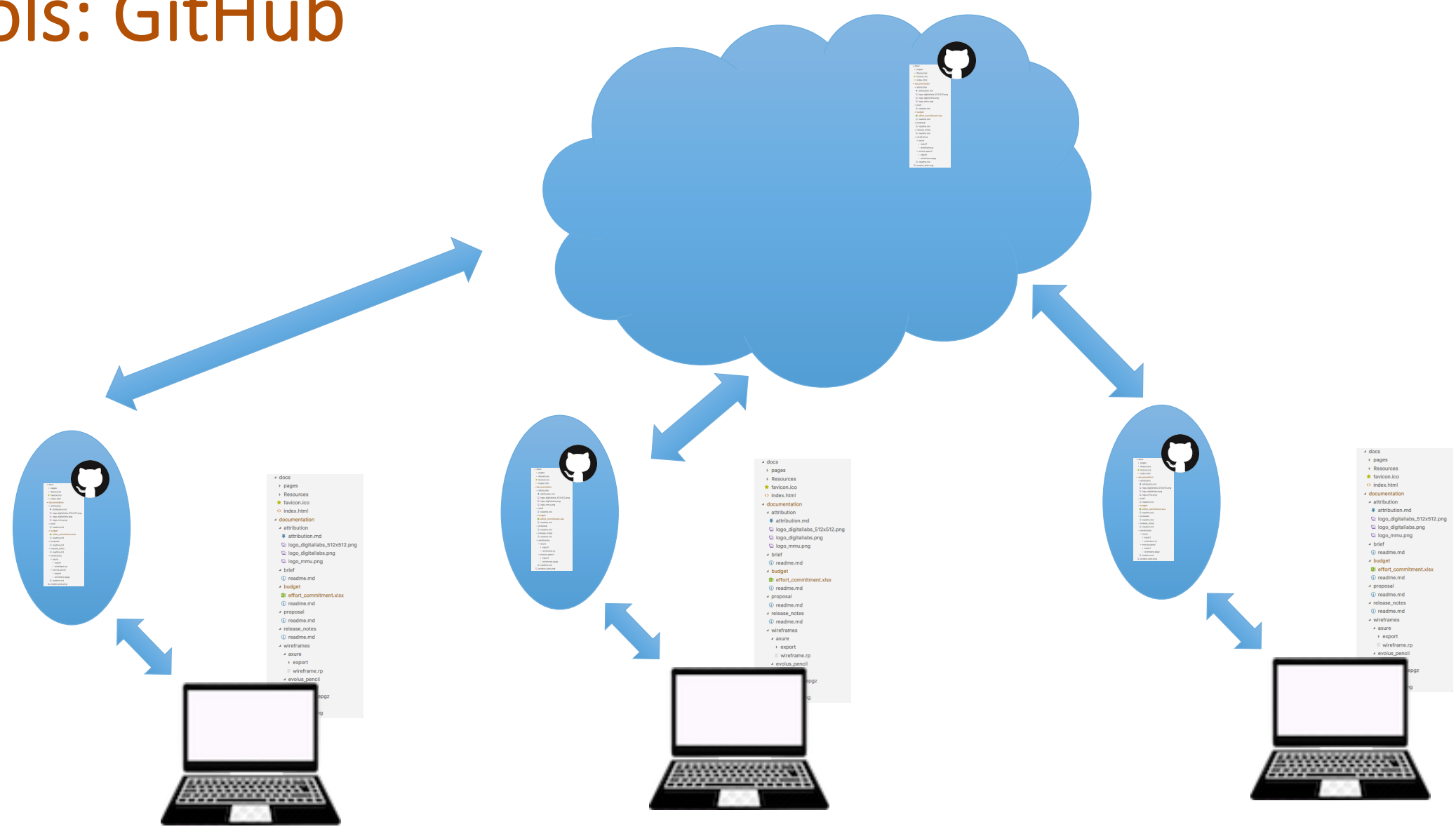
# Tools I: GitHub

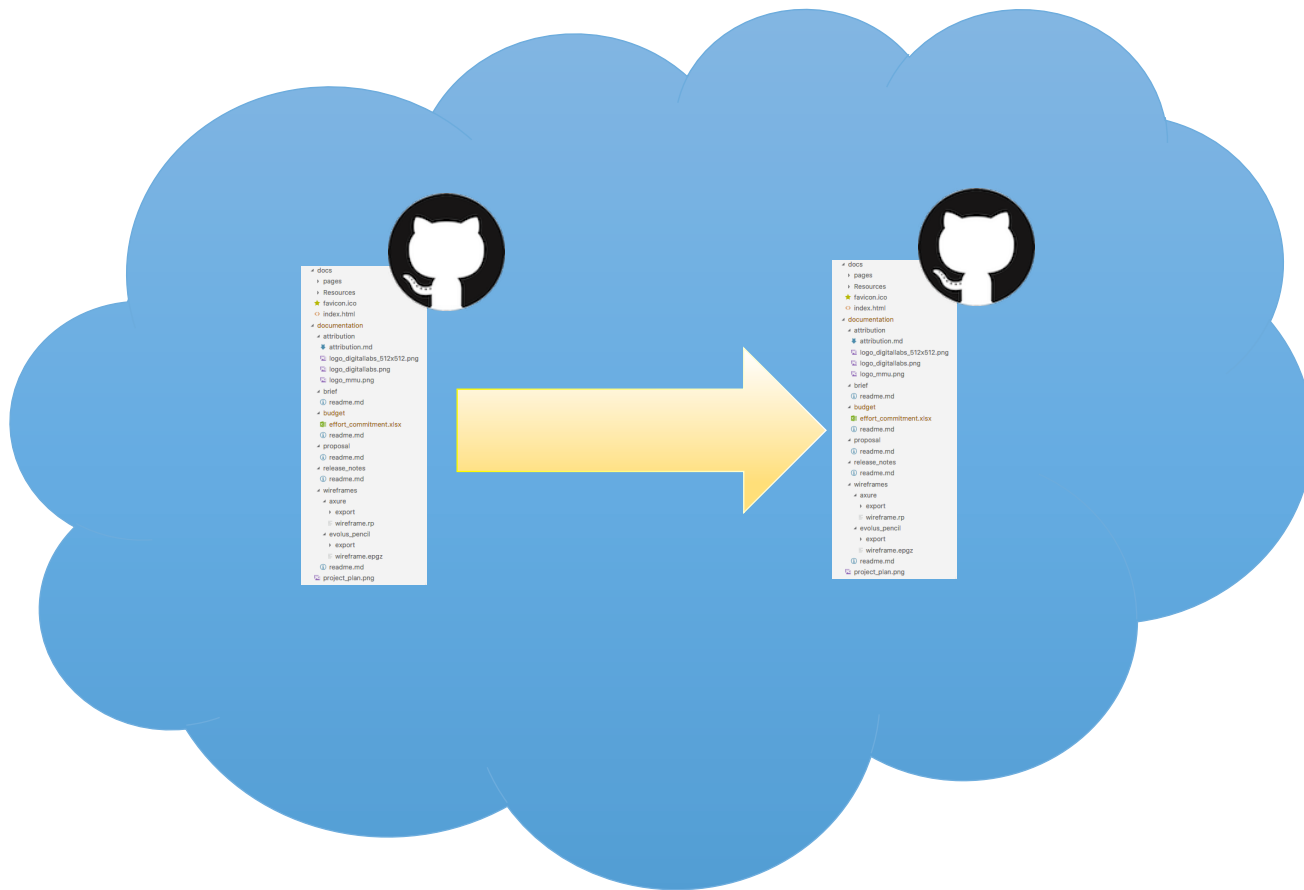# Tools: GitHub

# Tools: GitHub

# Tools: GitHub

# Tools: GitHub

# Tools: GitHub

# Tools: GitHub

# Tools: GitHub Pages

# Tools: GitHub Profile



587 contributions in the last year

Contribution settings ▾

Learn how we count contributions.

Less More