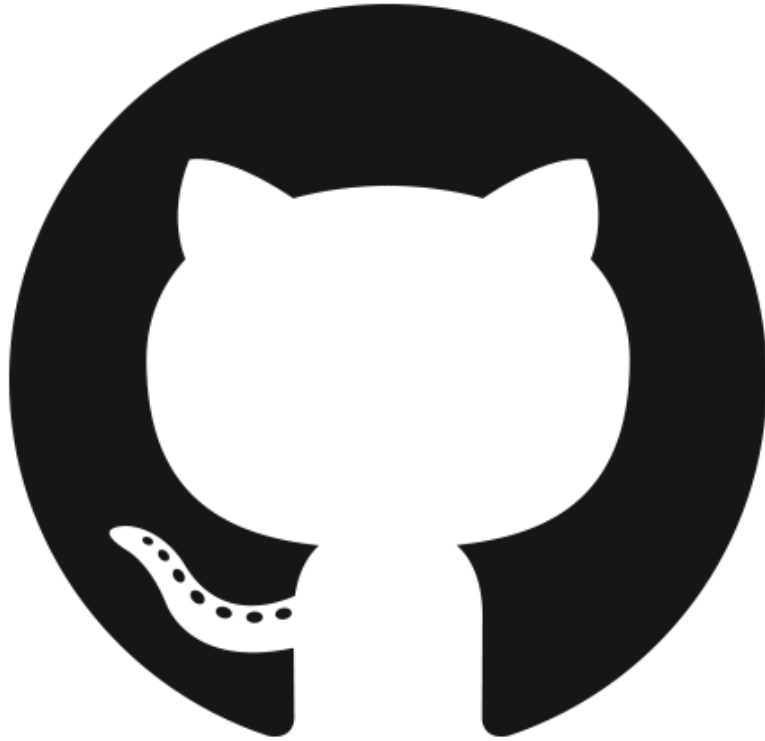
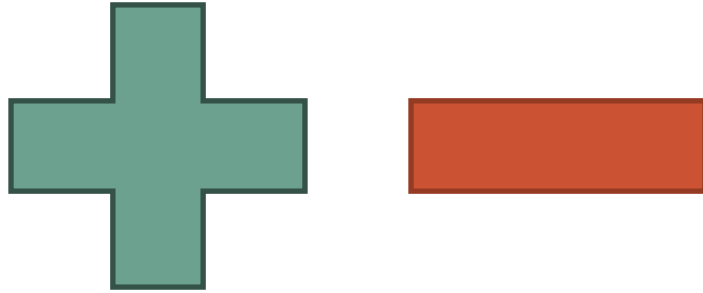


**Dr. Strangecat**  
**or:**  
**How I Learned**  
**to Stop**  
**Worrying and**  
**Love to Git**

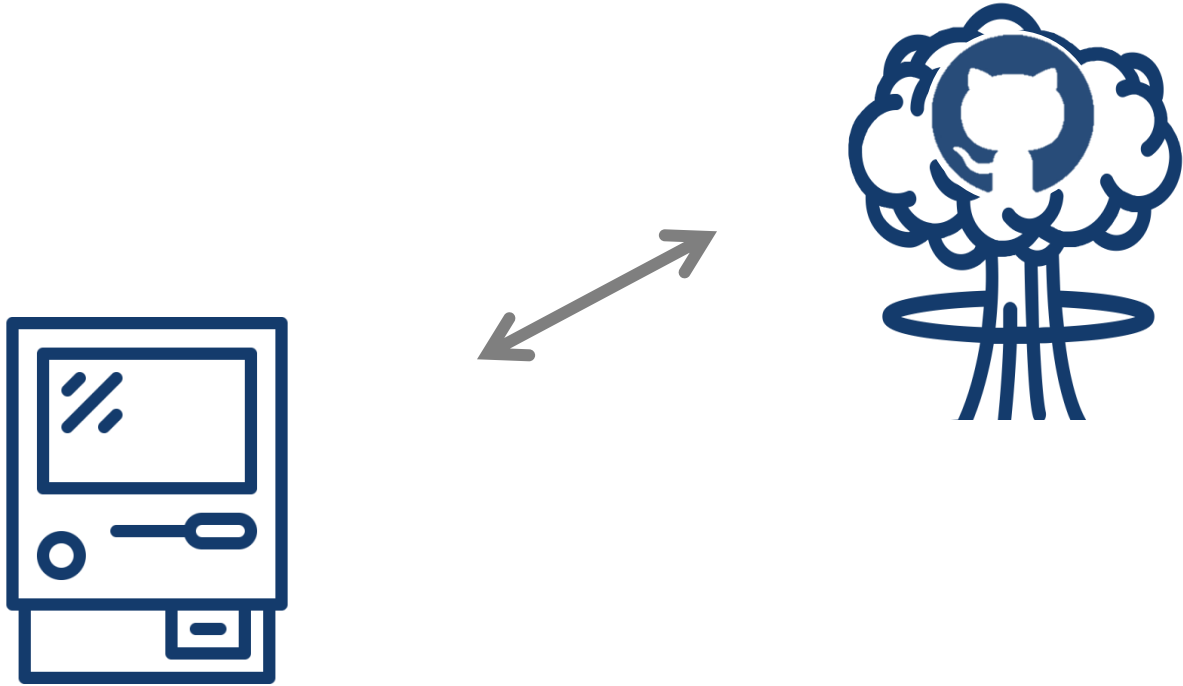




**What is GitHub?**



**But really, it's all about that git**



**Where do my files live?**

**a Reduces barriers to collaboration**

**b Provides a form of back up**

**c Captures project evolution**

**d Experiment without fear**

**e Commit to transparency**

**Why am I doing this?**



**Your local  
repo**



# **Landscape**



**Your GitHub  
repo**



# Landscape



**Your GitHub  
repo**



**Your local  
repo**



# Landscape





**Other GitHub  
repo**

**Your GitHub  
repo**



**Your local  
repo**



# **Landscape**



**Other GitHub  
repo**

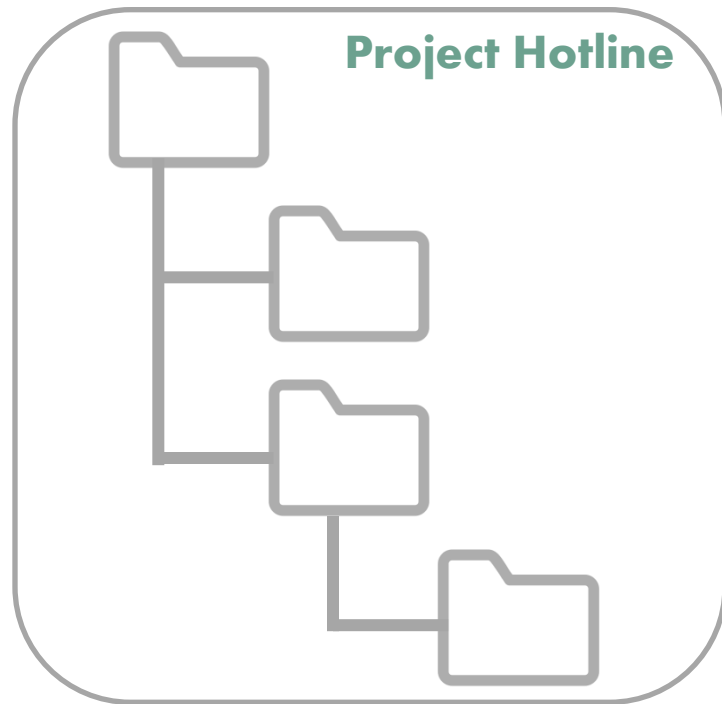
**Your GitHub  
repo**



**Your local  
repo**

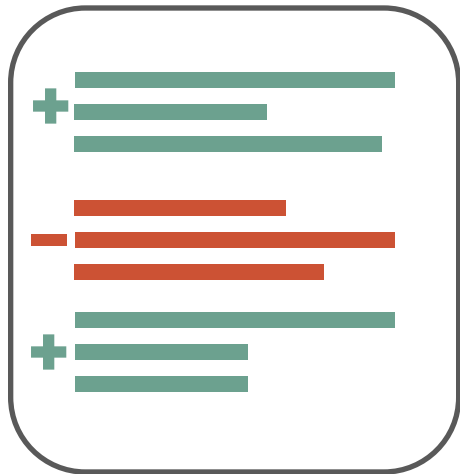


# Landscape



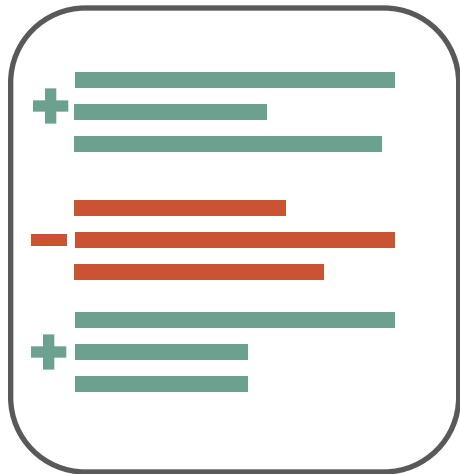
**repository**

# Terminology



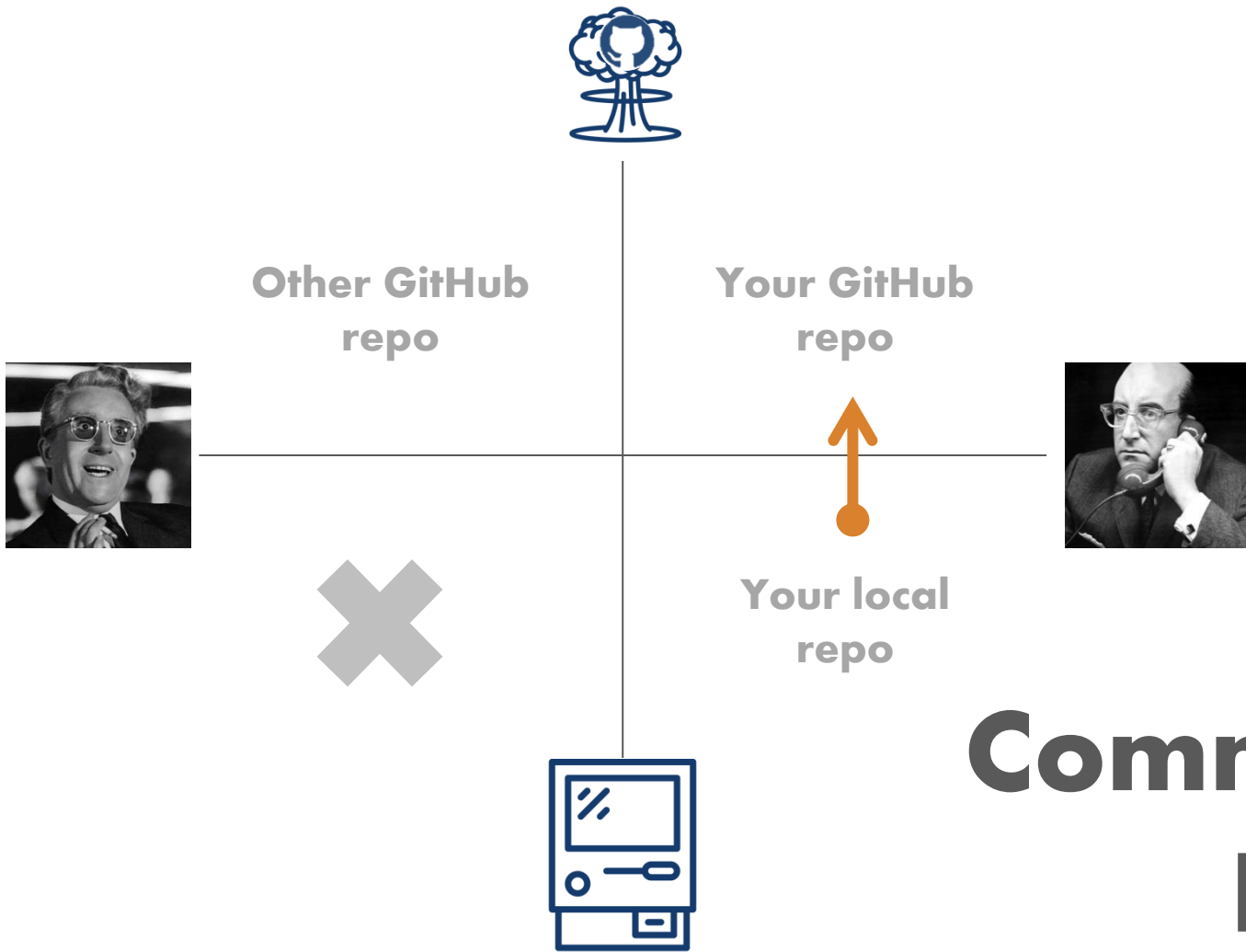
**commit**

# Terminology

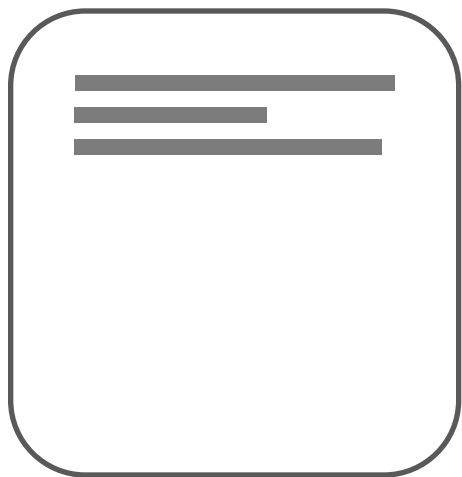


push

# Terminology



# Commit & Push



pull

# Terminology



**Other GitHub  
repo**

**Your GitHub  
repo**

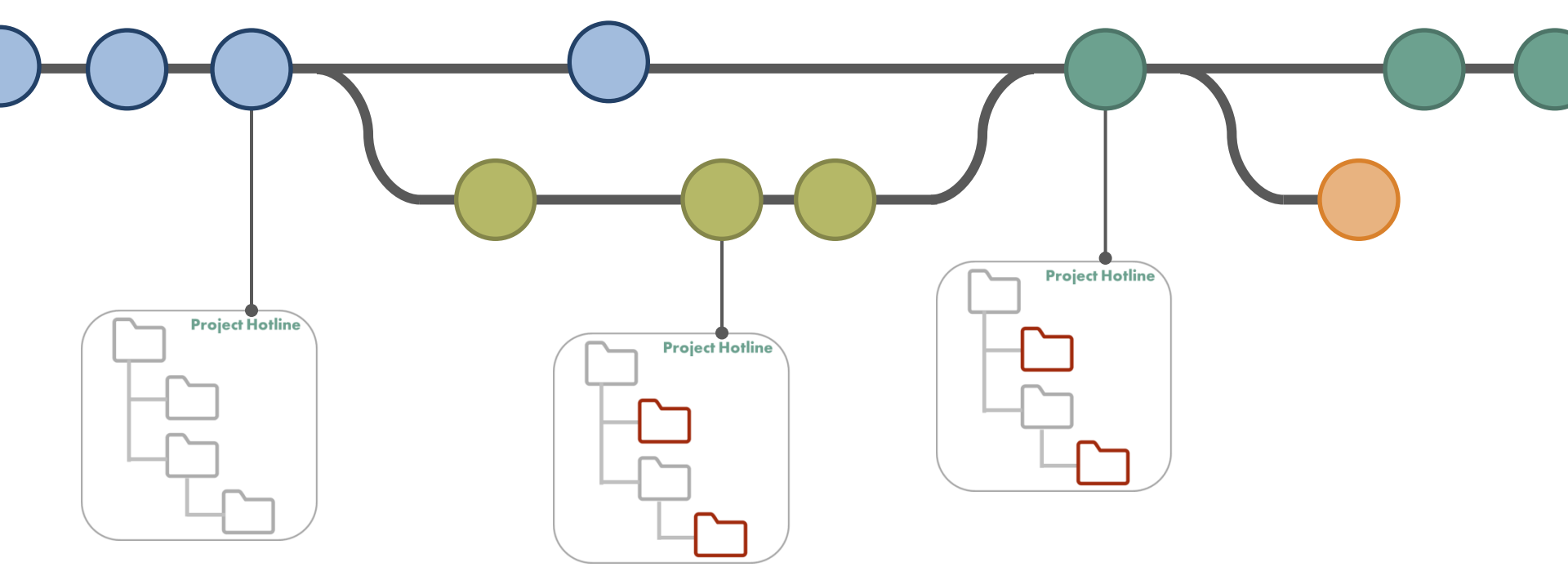


**Your local  
repo**



**Pull**





**branch**

# Terminology



**Other GitHub  
repo**

**Your GitHub  
repo**



**Your local  
repo**



**Your local  
repo**



# **Branch**



**fork**

# Terminology



**Other GitHub  
repo**

**Your GitHub  
repo**



**Your local  
repo**



# Fork



**clone**

# Terminology



**Other GitHub  
repo**

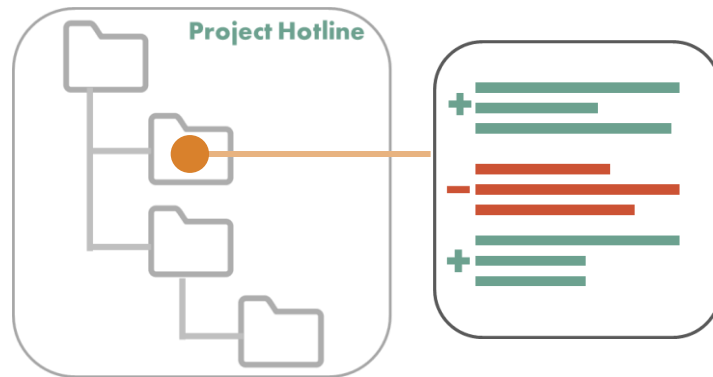
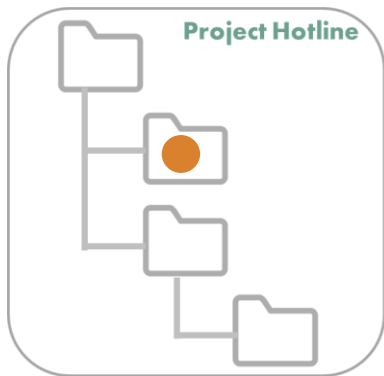
**Your GitHub  
repo**



**Your local  
repo**



**Clone (new)**



**pull request**

# Terminology



**Other GitHub  
repo**

**Your GitHub  
repo**



**Your local  
repo**



# **Pull Request**



**a** Create repo on Github

**b** Clone to repo to desktop

**c** [Work]

**d** Commit material/changes



**new  
project**

**Workflow**

**a Fork repo on Github from other user**

**b Clone to repo to desktop**

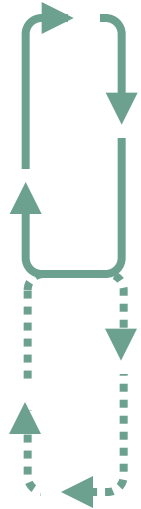
**c [Work]**

**d Commit material/changes to your fork**

**e Pull request with changes**

**collab.  
project**

**Workflow**



1. **Create a repository & add README (doomsday)**
2. **Clone to local machine**
3. **Add description to the README**
4. **Commit changes**
5. **Push/sync**
6. **Check GitHub**
7. **Create a new csv/txt file**
8. **Update gitignore to ignore csv/txt**
9. **Collaboration workflow - fork/clone/pull OR clone/branch/merge**

# Exercises

# Dr. Strangecat or: How I Learned to Stop Worrying and Love to Git





## Notes and Attribution

- Presented by Aaron Chafetz, USAID
- Adapted from the USAID “Dr. Strangelove or: How I Learned to Stop Worrying and Love to Git” (DC) April 25, 2018 and presented at ICPI on August 9, 2019
- Reference material
  - Bryan J. (2018). Happy Git and GitHub for the useR - <http://happygitwithr.com/>
  - Bryan J. (2018). What They Forgot To Teach You About R Workshop (Rstudio:::conf session)
- Image Sources
  - Peter Sellers - <http://www.tcm.com/this-month/article/17930%7C0/Dr-Strangelove.html> & <https://film.avclub.com/with-dr-strangelove-kubrick-shot-a-brilliant-satire-l-1798188226>
  - The Noun Project Icons: bomb – Ben Davis; Computer – Yorlmar Campos; Folder – unlimicon; old computer - Hea Poh Lin; Mushroom Cloud – HeadsOfBird



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**Dr. Strangecat or: How I Learned to  
Stop Worrying and Love to Git**

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