Git and GitHub Research Collaboration: Day 3

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Git Koans

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Def'n: a paradoxical anecdote or riddle, used in Zen Buddhism to demonstrate the inadequacy of logical reasoning and to provoke enlightenment.

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- http://stevelosh.com/blog/2013/04/git-koans/
- One Thing Well
- Only the Gods
- The Hobgoblin
- All are good

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- Black package in Python
    - Go through example on black playground

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4. README.md
5. The paper, full documentation (open science)
   - Look at OG-USA documentation

ParamTools package

- ParamTools package
  - Creates class for parameters
  - Incorporates automatic model validation
  - OG-USA example (main directory functions)

compute.studio platform

- compute.studio web platform
  - Allows models to be hosted and run via the web
  - Encourages convergence in how models are created
  - Can crowdsource model running
- Evans' tax preferences project

Concluding remarks

- Git-GitHub as sharing, collaboration platform
- Git-GitHub, open source as marketing, networking tool
  - Make sure your have interesting repos on your GitHub account
- Website, blog (not so much), Twitter in addition to academic papers
  - Lots of developers and math people use Twitter well
- Open source should be a necessary but not sufficient condition
- Documentation and testing

Computational economics open researchers growing

- NYU Predocs (NYU Stern, Schmidt Futures)
- Open Source Economics Laboratory
- QuantEcon
- Society for Computational Economics
- Yale University
- University of Zurich/Lausanne
- Platform for Advanced Scientific Computing (PASC) Conference
- Econometric Society Dynamic Structural Economics Summer School
- BYU Applied and Computational Math Emphasis (ACME)