

# 2020-07-02 Ontology Interest Group Call -- GitHub

Thursday, July 2, 2020, 10 AM US Eastern Time

## Connection Info

To join the online meeting:

- Go to: <https://ufl.zoom.us/j/94205948889?pwd=WG5DT2dpT0JjYU9lVFpJY04yOFdEZz09>
- One tap mobile:
  - US: +16699006833,,9358074182# or +19292056099,,9358074182#
- Or Telephone:
  - US: +1 669 900 6833 or +1 929 205 6099 or 877 853 5257
  - Meeting ID: 935 807 4182
- International numbers available: <https://zoom.us/j/aeANHanzED>

## Attendees

## Resources

Ontology Interest Group Google Folder <https://drive.google.com/drive/u/0/folders/1RGBh4fDZdpJdwYiUM08OPWwkcmVYrI0>

Google Doc for meeting notes: <https://bit.ly/2YPPBwq>

## Attendees

- [Mike Conlon](#)
- *your name here*

## Agenda

1. Github for Ontology work
  - a. Where?
  - b. How/process: issues/forks/pull requests
  - c. Useful background/training/help guides
  - d. Questions, comments
  - e. What's next?

## Notes

1. Github for Ontology work
  - a. VIVO Processes: <https://github.com/vivo-project/VIVO/wiki/Git---GitHub-Processes>
  - b. General idea: It's just a bunch of files
  - c. We work in the open
  - d. Folder structure will be needed (ontology group can develop). ODK was too complex.
  - e. Where?
    - i. ADO in [mconlon17/ado](#) on Github
    - ii. AEON in [TIBonto/aeon](#) on Github
    - iii. LANG in [vivo-community/language-ontology](#) on Github
    - iv. VIVO.owl (single file) in [vivo-project/vivo](#) on Github
    - v. Github vivo-ontology-lab (organization) unused
  - f. How/process: issues/forks/branches/pull requests
    - i. Fork to personal Github
    - ii. Clone personal fork to local
    - iii. Edit the local clone
    - iv. The remote is a connection from the local clone to github. You typically have a connection to your fork. You can create a remote to the canonical source.
    - v. A branch creates a snapshot and is a safe place to work. Code is isolated.
    - vi. Changes can be in three states:
      1. Local only
      2. Git add -- "plan to commit; staging"
      3. Git commit -- creates a bundle of changes to the fork
      4. Git pull request from the fork to the remote
    - vii. Principles
      1. Never work in master
      2. Always work in a branch

3. Clean work: Issue -> branch -> push to fork -> pull request to remote; One issue at a time.
    - a. Github desktop makes this easier.
  4. A pull might have 8 commits -- fixing typos, making changes request by reviewers, etc. A single commit (squash merge produces a single commit to the master branch) keeps the master branch commit history clean -- each commit is associated with a unit of work.
- g. Useful background/training/help guides
- i. A comparison of branching and forking: <https://support.atlassian.com/bitbucket-cloud/docs/branch-or-fork-your-repository/>
- h. Some suggestions
- i. If you are not using GitHub desktop, it might be helpful
  - ii. Recommend to review in detail the VIVO repo wiki document: <https://github.com/vivo-project/VIVO/wiki/Git---GitHub-Processes>
  - iii. We're going to need to practice