

Git and GitHub

VIVO, Vitro, and OpenRif use GitHub to manage development and changes to the code, ontologies, data, and test scripts.

Organizations and Repositories

GitHub organizes repositories into organizations. VIVO uses the following organizations:

- <https://github.com/vivo-project> – contains repositories for VIVO and Vitro
- <https://github.com/vivo-community> – contains repositories for VIVO community projects

Best Practice for Submitting Changes

1. Create a fork of the project that you want to contribute to (there is a button on the GitHub interface)
2. Clone the fork locally
3. Create a "feature" branch
4. Implement only the changes that you want to contribute in the branch
5. Push the branch to GitHub (in your fork)
6. In the GitHub interface, open a pull request from your "feature" branch

Additional Resources

- [GitHub's Guide to Contributing to Open Source](#)
- [Start Using Git](#)
- [Git Handbook](#)