

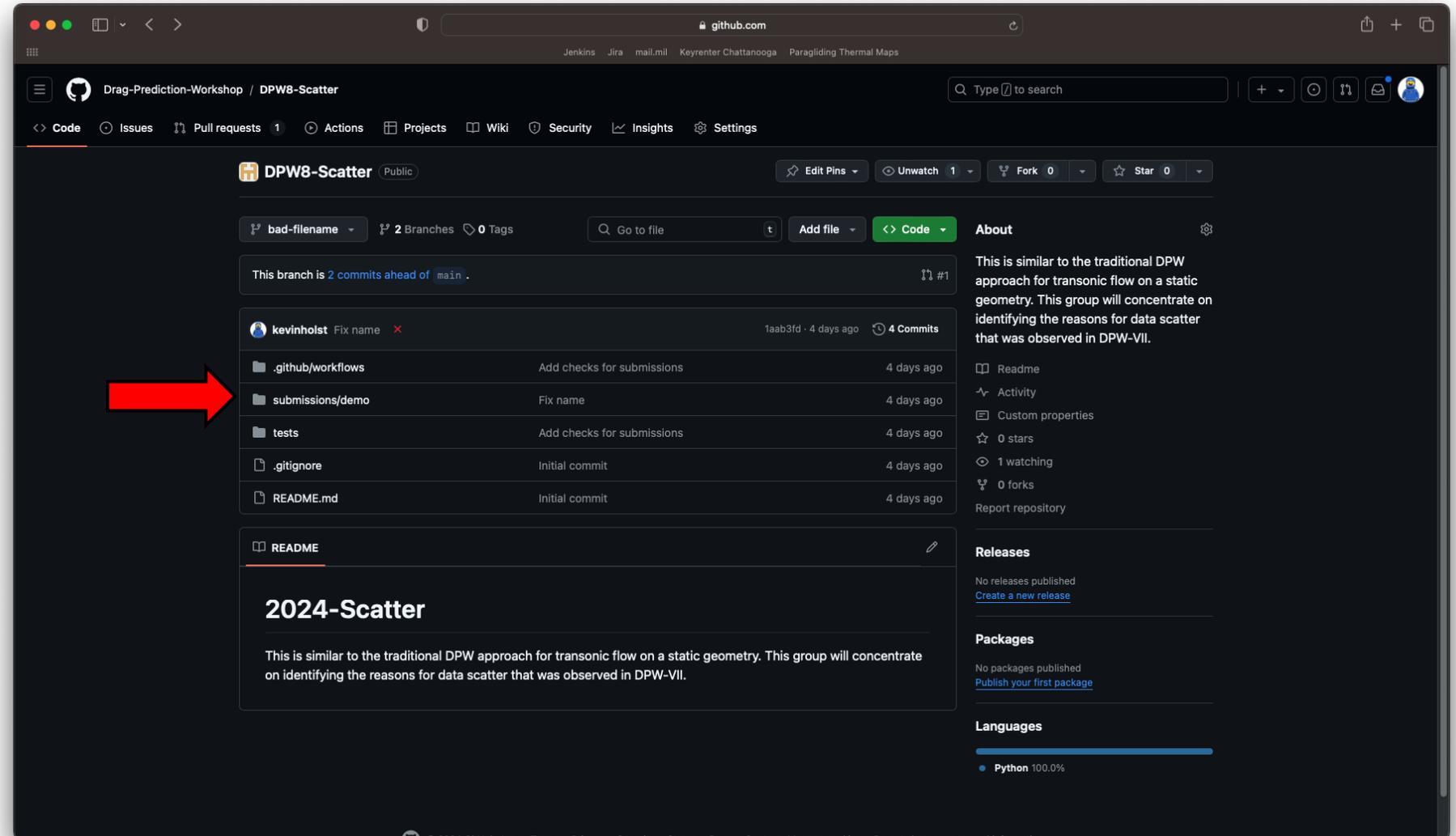
DPW8 GitHub Slides

DPW8-Scatter GitHub Repository

- The purpose of the repository is to
 - Provide a centralized location for submitting results
 - Maintain a historical record of data submissions
 - Manage submissions efficiently
 - Reduce the post-processing workload on group leaders
- Users will make data submissions through pull requests on the main repository
 - If users are unfamiliar with git or are unable to access GitHub, the group leaders will facilitate the submission via email or another alternative
- Currently only built for Scatter WG, but similar repos will be built for Static Deformation, Buffet, and Test Environments

DPW8-Scatter GitHub Repository

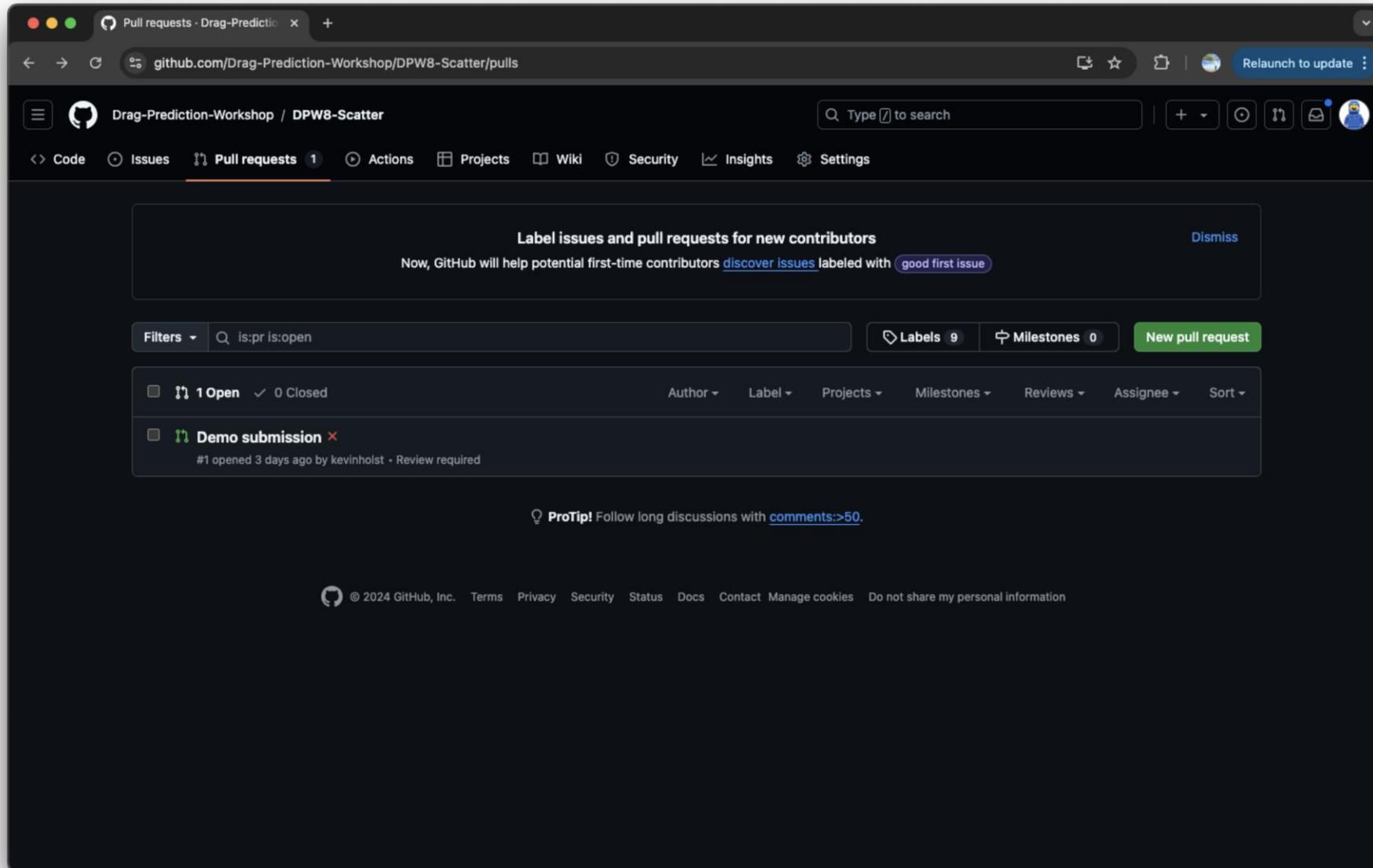
- Data submissions should go in the submissions directory
- Create a subdirectory with your participant ID



DPW8-Scatter GitHub Repository

- Users can submit results using the “fork and pull model” as described in the GitHub docs
 - <https://docs.github.com/en/pull-requests/collaborating-with-pull-requests/getting-started/about-collaborative-development-models>
- More information about forking a repository:
 - <https://docs.github.com/en/pull-requests/collaborating-with-pull-requests/working-with-forks/fork-a-repo>
- More information about creating a pull request:
 - <https://docs.github.com/en/pull-requests/collaborating-with-pull-requests/proposing-changes-to-your-work-with-pull-requests/creating-a-pull-request>

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The screenshot shows a GitHub pull request page for 'Demo submission #1'. The pull request is open and shows a commit history with two commits: 'Try to submit with a bad filename' and 'Fix name'. The pull request is blocked from merging due to several issues: 'Review required' (at least 1 approving review is required), 'All checks have failed' (1 failing check), and 'Merging is blocked' (merging can be performed automatically with 1 approving review). A red arrow points to the 'Details' link next to the failing check. The right sidebar shows settings for Reviewers, Assignees, Labels, Projects, and Milestone.

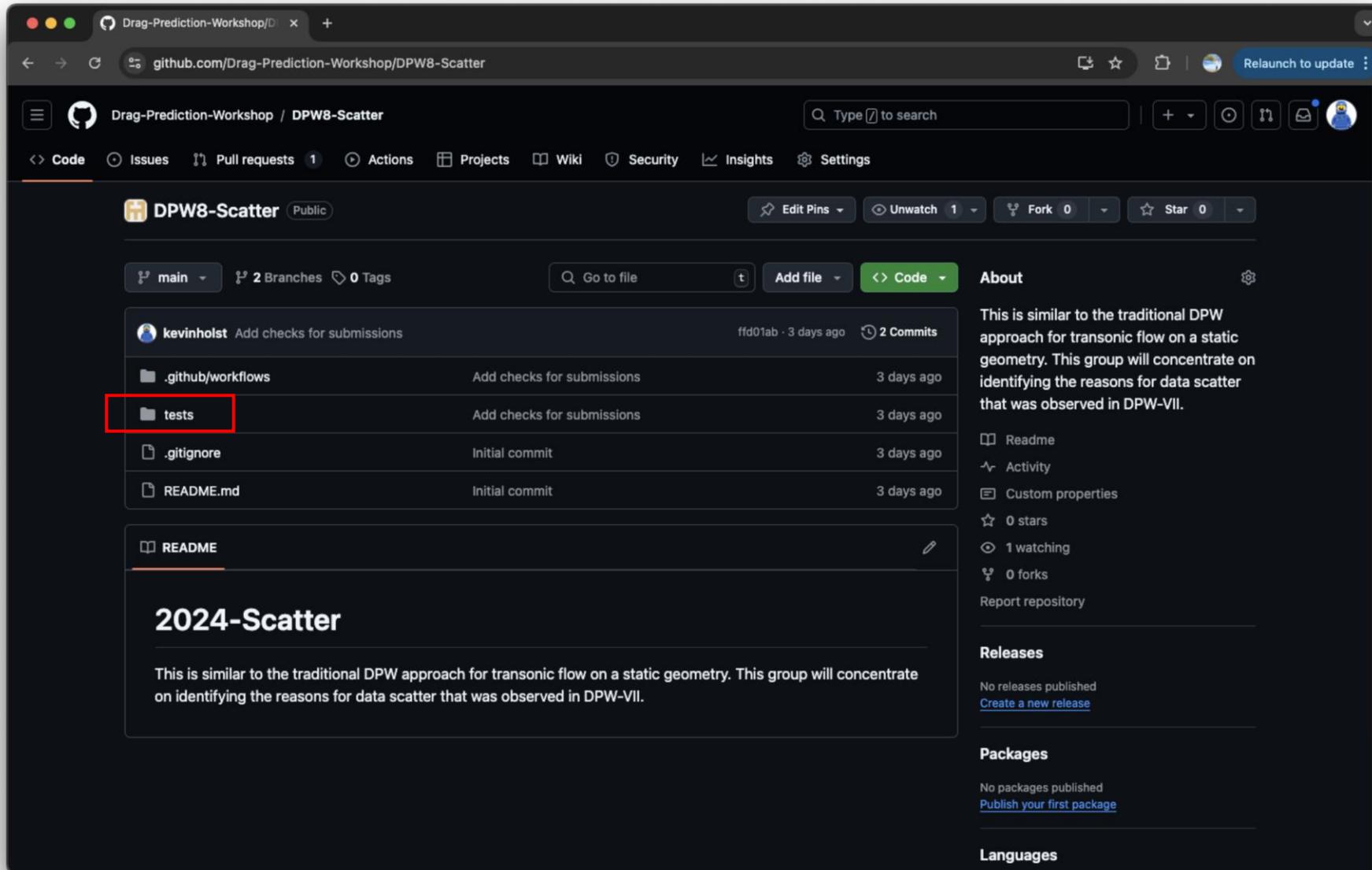
- Users will submit data through pull requests
- Submitted files will automatically be checked for conformity to the template standard
- Failures will show up in the pull request, and the user can fix the issue and re-commit the files

DPW8-Scatter GitHub Repository

The screenshot shows a GitHub pull request for the repository 'Drag-Prediction-Workshop / DPW8-Scatter'. The pull request is titled 'Demo submission #1' and is submitted by 'kevinholst'. It shows 2 commits merged into the 'main' branch from a branch named 'bad-filename'. The pull request has 1 check run, 2 commits, and 1 file changed. A red error message at the top states: 'Try to submit with a bad filename 068fbc4'. The check run 'Check scatter submission' is shown as failed. The 'build' job is expanded, showing a list of steps: 'Set up job', 'Run actions/checkout@v4', 'Get changed files', 'Check Scatter Working Group submission files', 'Post Run actions/checkout@v4', and 'Complete job'. The 'Check Scatter Working Group submission files' step is highlighted with a red box and contains the following output:

```
1 ▶ Run python tests/check_scatter_submission.py $ALL_CHANGED_FILES
6 Modified files: ['submissions/demo/OAT15A_abc.123.dat']
7 checking submissions/demo/OAT15A_abc.123.dat
8 *****
9
10 RuntimeError: Participant id and suffix must be numeric, found abc.123
11
12 *****
13 Error: Process completed with exit code 1.
```

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- The testing script is located in the tests directory of the repository
- Users can run this script locally, if they wish, prior to submitting pull request