Contributing to Zeek

Tim Wojtulewicz, Corelight
That’s Woah-2-la-wits

If you were confused by all of the consonants jammed together
Talking today about how to open pull requests for Zeek issues
Picking an issue (optional)
Fork the repo

Zeek is a powerful network analysis framework that is much different from the typical IDS you may know. [https://www.zeek.org](https://www.zeek.org)
Clone the repo

```bash
git clone git@github.com:zeek/zeek.git
```
Configure and build

cd zeek
./configure --prefix=/some/path
cd build
make
This is the part where you open emacs and fix the issue
You are using emacs, right?
Run the tests

```
cd testing/btest
btest -j 6
```

If it succeeds:
981 tests successful, 67 skipped

Don’t worry about those skipped tests, that’s intentional.
Commit your change to your fork

git checkout -b <branchname>
git commit -a -m "GH-###: Some descriptive commit message"
git push -u origin -b <branchname>

The GH-### part will cause Github to automatically close the issue when the PR is merged.
Create the pull request, part 1

Manage topics

- 9,127 commits
- 317 branches
- 44 releases
- 79 contributors

Your recently pushed branches:

- fixing-something (less than a minute ago)

Branch: master

New pull request

Create new file | Upload files | Find file

This branch is even with zeek:master.

PULL request | COMPARE

Clone or download
Create the pull request, part 2

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

- base repository: zeek/zeek
- base: master
- head repository: timwoj/zeek
- compare: fixing-something

- Able to merge. These branches can be automatically merged.

Adding a comment

Write Preview

Attach files by dragging & dropping, selecting or pasting them.

- Allow edits from maintainers. Learn more
- Create pull request
Create the pull request, part 3

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

- base repository: zeek/zeek
- base: master
- head repository: timwoj/zeek
- compare: fixing-something

*Able to merge.* These branches can be automatically merged.

Adding a comment

Attach files by dragging & dropping, selecting or pasting them.

- Allow edits from maintainers. Learn more

Create pull request
Wait for someone to review
Review feedback -> fixes -> new commits -> more reviews
Maintainer will merge to master
Dog tax?