PyTorch uses lintrunner to execute lints locally and in CI. This provides developers with a single command to run all the linters, and ensures consistency between the CI and local development environments. See the lintrunner repo for more info.

To get started, run the following to install lintrunner. Make sure you are at the root of the PyTorch repo:

## pip install lintrunner lintrunner init

This will install lintrunner on your system and download all the necessary dependencies to run linters locally. Note that this will install new packages with pip and download binaries maintained by the PyTorch team. If you want to see what lintrunner init will install, run lintrunner init --dry-run.

After that, just run lintrunner to lint your changes! For more docs, see the lintrunner repo.