OSS CI SEV

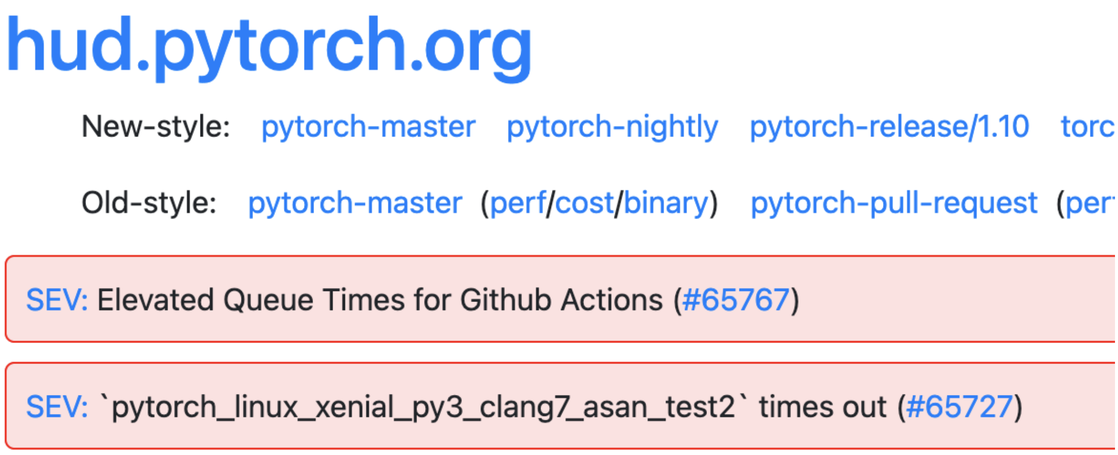
"OSS CI SEV" represents the incident response process for PyTorch OSS CI, including incidents that breaks the HUD status, trunk health, PR health, and CI infrastructure stability. The goal of `ci: sev` process is to maintain a healthy trunk for better developer experience.

Detecting CI SEV

- [OSS] PyTorch Metrics Platform: https://metrics.pytorch.org/
- [FB Only] Green HUD Top Level Metrics: https://fburl.com/unidash/961dprzj

Reporting CI SEV

Create an issue that clearly indicates the scope and the impact area. Tag the issue with `ci: sev` label so that it appears on the HUD. https://hud.pytorch.org/build2/pytorch-master



hud.pytorch.org

New-style: pytorch-master pytorch-nightly pytorch-release/1.10 torc

Old-style: pytorch-master (perf/cost/binary) pytorch-pull-request (per

SEV: Elevated Queue Times for Github Actions (#65767)

SEV: `pytorch_linux_xenial_py3_clang7_asan_test2` times out (#65727)

Mitigating CI SEV (Runbook)

- Raise the awareness. SEV events visibility on HUD should be able to help tree-hugger oncalls to clarify if some "test failures" are SEV or infra flaky issues.
- Notify the related tests' owner team.
- Escalate the issue with `high priority` label if necessary
- After the issue is resolved, simply close the issue (but don't remove the label `ci: sev`).

Review Meeting

- Gathering the recent SEV issues: https://github.com/pytorch/pytorch/issues?q=is%3Aissue+label%3A%22ci%3A+sev%22+
- Summarize what can we do to prevent similar issues in the future
    - Actionable Items
    - Improved Detection