



CONFERENCE

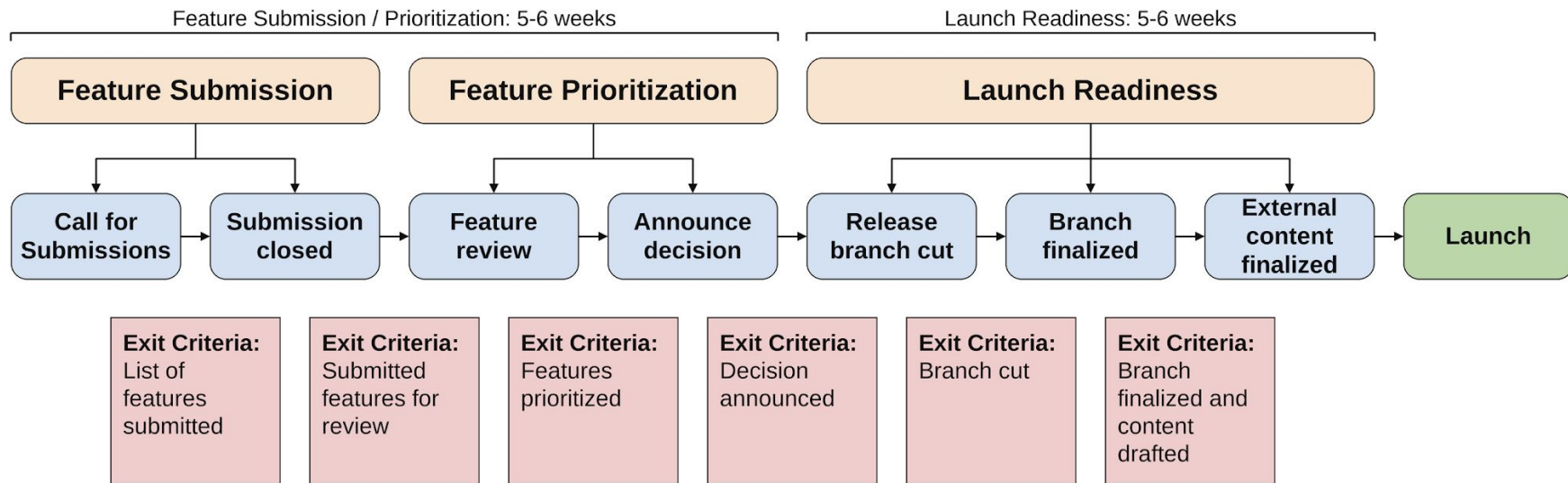
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Shipping PyTorch and Its Ecosystem

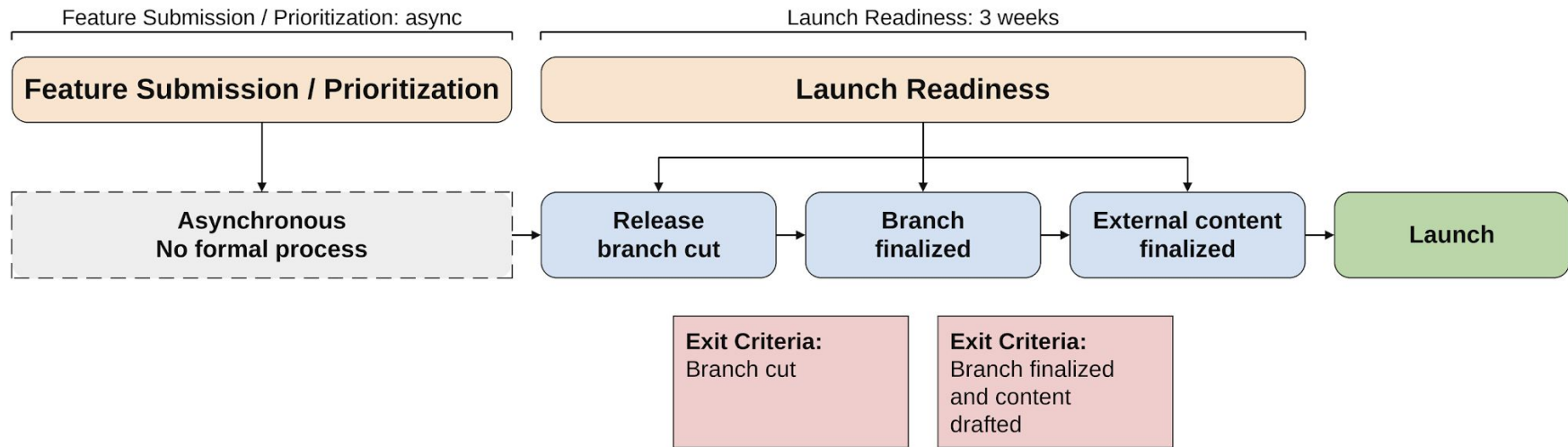
A Modern Release Story

Andrey Talman
Meta, PyTorch DevInfra

Before: PyTorch Release Process

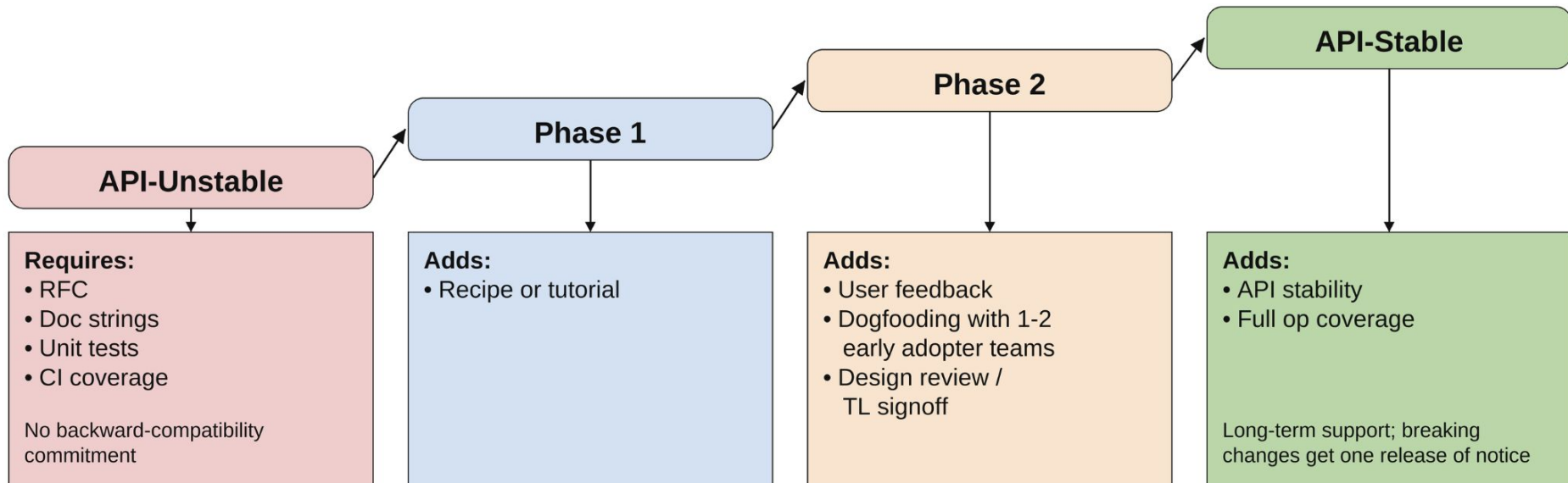


Now: PyTorch Release Process



Feature Submission & Classification

- API-Stable and API-Unstable replaces Prototype, Beta and Stable Classification
- Each feature needs an RFC. Use “New Feature for Release” github issue template



Release notes process

Before: scripted/manual takes weeks

Release notes



Release blog



After: skills, GitHub repo takes days

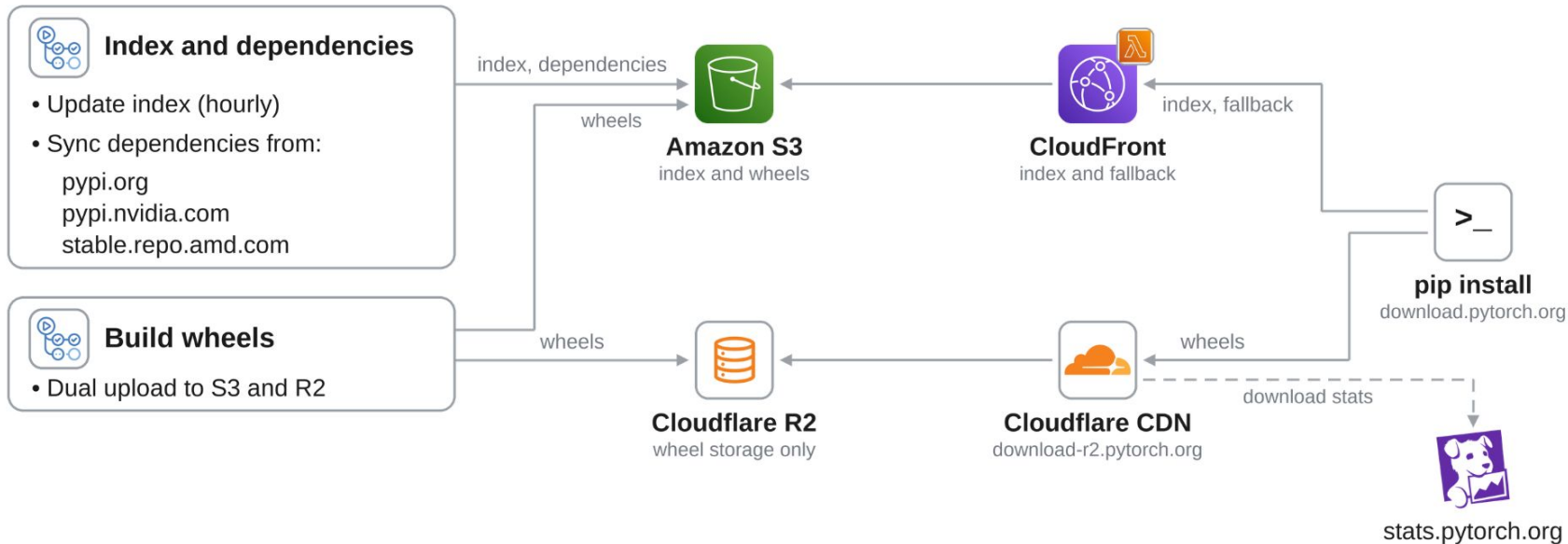
 Release notes github.com/meta-pytorch/torch-release-notes



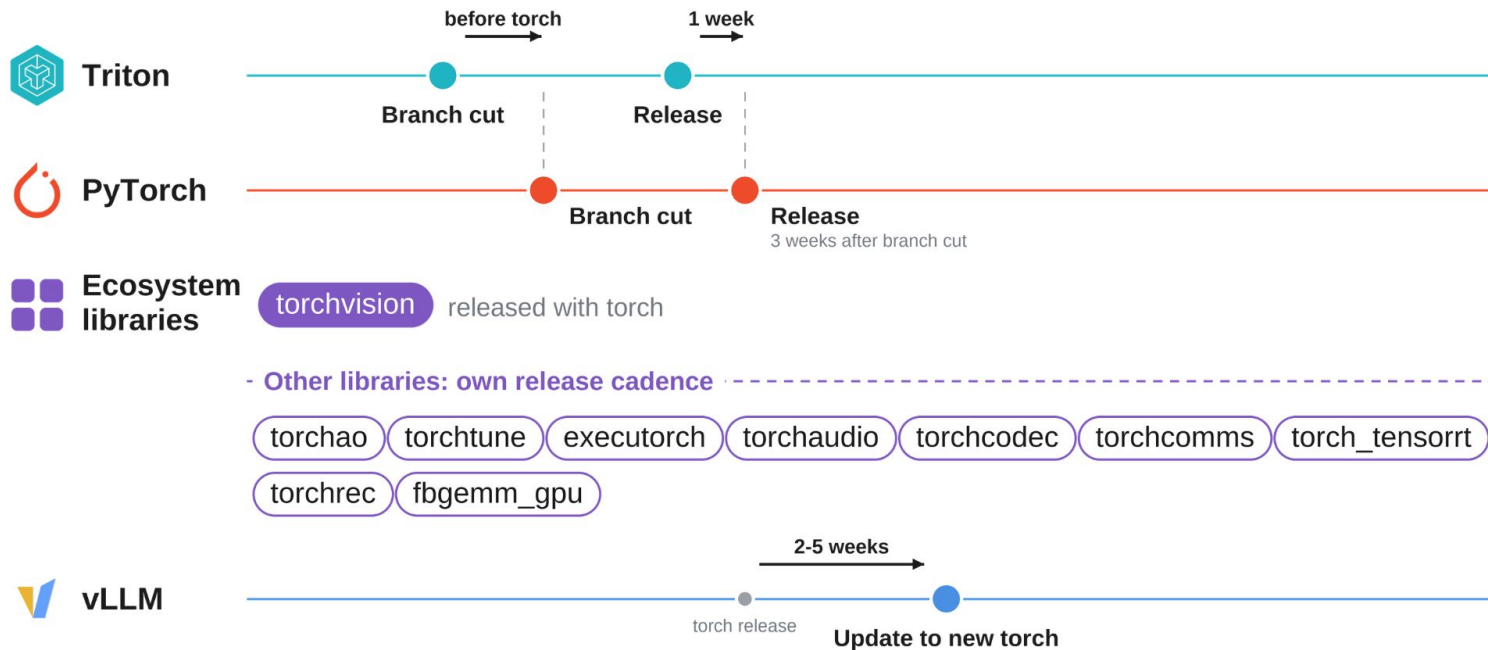
Release blog



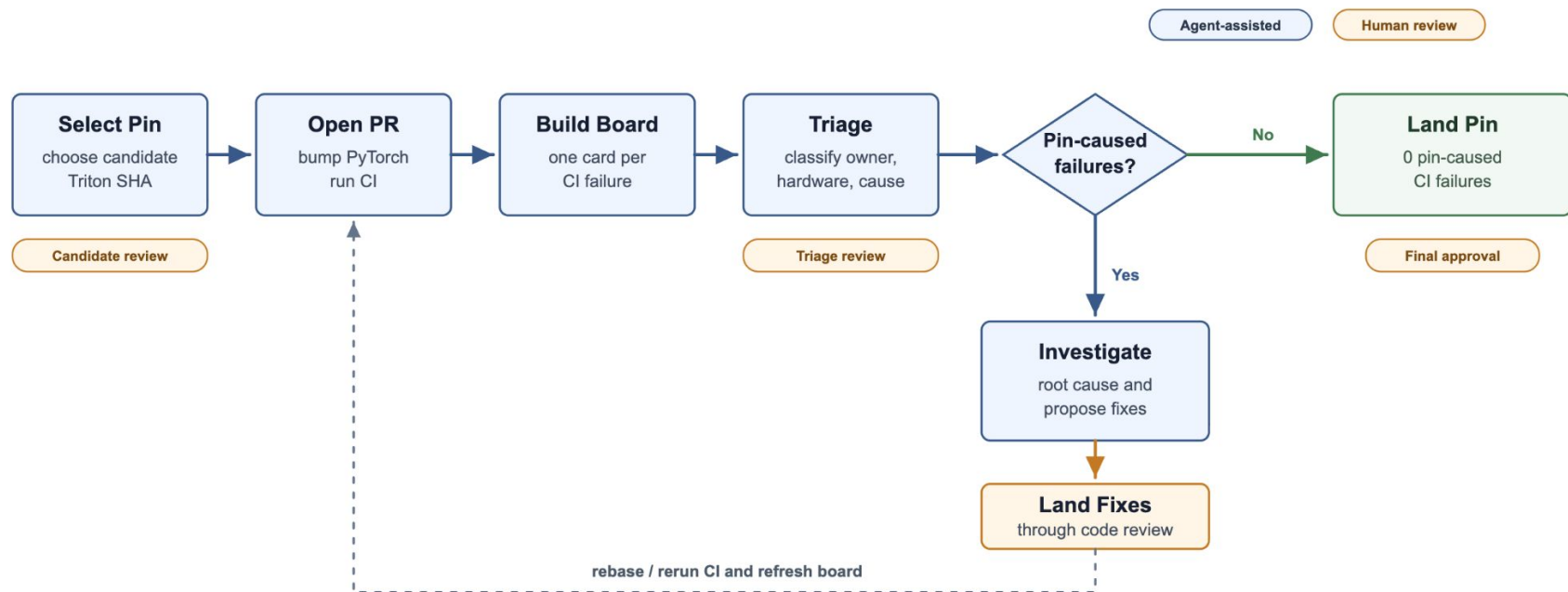
CDN: download.pytorch.org on Cloudflare and R2



PyTorch Release as a Software Ecosystem



Triton Pin Update and Branch Cut candidate Selection



vLLM testing and Triaging on nightly and RC

vLLM nightly on Buildkite

same HEAD, same cron slot: a controlled A/B

Full CI run: torch nightly

vs

Full CI run: nightly (baseline)

GitHub Actions: vllm-torch-nightly-triage

pytorch/test-infra, cron Tue/Wed/Fri

1 Triage

Python script

Jobs failing on torch
nightly but passing on
baseline, clustered

A/B report + logs

2 Root cause

Claude, read-only

Reads logs, groups by
root cause, routes to
pytorch, vLLM or infra

findings.json

3 Duplicate check

Claude

Searches public vLLM
issues for duplicates of
vLLM-routed causes

vLLM issue matches

4 File issues

Python script

Dedupes by signature,
files high-confidence
torch regressions

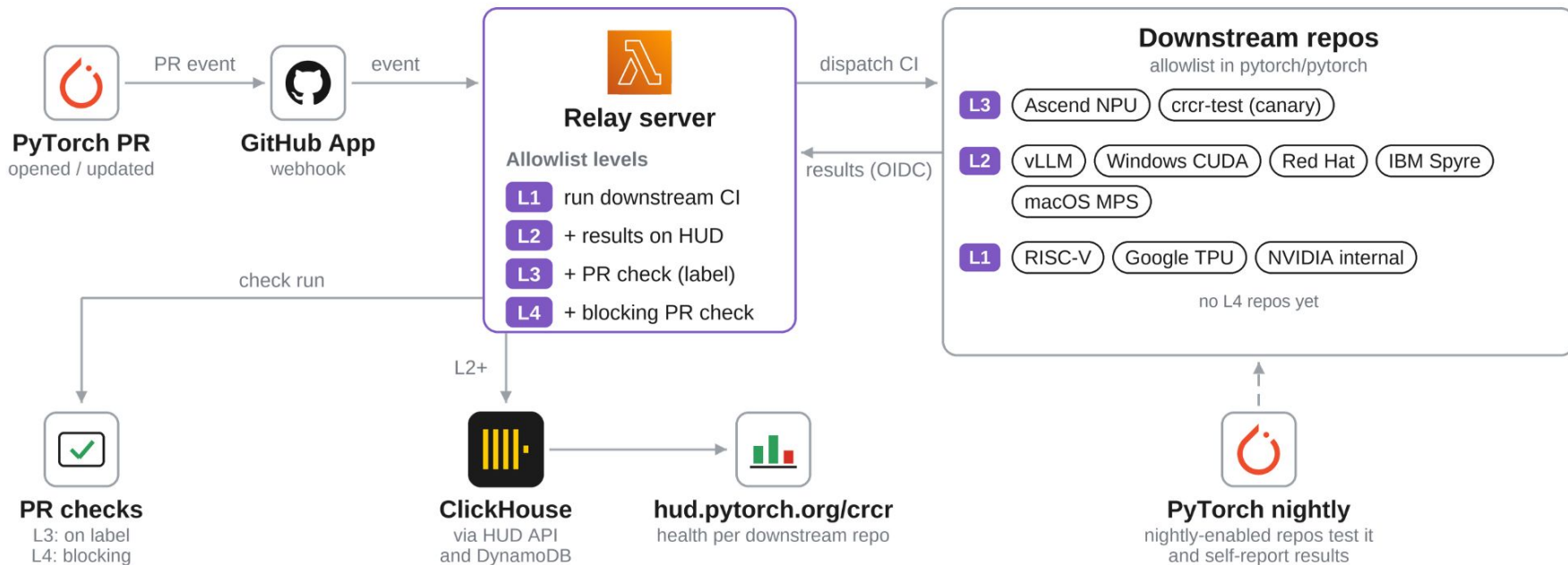
Umbrella + child issues

The model never holds write credentials: a script files the issues

Tracker issues in pytorch/test-infra

one umbrella per torch minor version, one child per high-confidence regression

CRCR: Cross Repository CI Relay



Questions ?

Please create issues for us in

<https://github.com/pytorch/pytorch/issues>

General Release Information: RELEASE.md

Dev Discuss Release Announcements:

<https://dev-discuss.pytorch.org/c/release-announcements>

pytorch.org

Get started!



github.com/pytorch

 PyTorch

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