

Upstream cross-project testing

Never break your API consumers

Martin Pitt <mpitt@redhat.com>

Traditional feedback cycle

Via release and distro

1. propose upstream change

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2. upstream change lands

Traditional feedback cycle

Via release and distro

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3. release

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4. distro packaging and publishing

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4. distro packaging and publishing
5. consuming project spots and reports regression

Traditional feedback cycle

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2. upstream change lands
3. release
4. distro packaging and publishing
5. consuming project spots and reports regression
6. bug fix, goto 1

Proposed feedback cycle

Shift left!

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2. consuming project tests run against MR/PR

Proposed feedback cycle

Shift left!

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3. iterate proposal until green

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4.

Approach



consumer packit.yaml:

```
- job: copr_build
  trigger: commit
  owner: "@consumer"
  project: "main-builds"
```

✓ 	testing-farm:fedora-rawhide-x86_64:cockpit — Tests passed ...	Details
✓ 	testing-farm:fedora-rawhide-x86_64:local — Tests passed ...	Details

Experience

- mostly social effort, not technical
- first [podman regression #19888](#)
- Cockpit tests run in podman, udisks2, stratis, selinux-policy



packit-as-a-service bot commented 2 weeks ago



Cockpit tests failed for commit [2006ee1](#). [@martinpitt](#), [@jelly](#), [@mvollmer](#) please check.



Q & A

Contact:

- Email: mpitt@redhat.com
- pitti in #cockpit on [Fedora Matrix chat](#)

<https://cockpit-project.org/blog/tmt-cross-project-testing.html>

