



KubeCon



CloudNativeCon

———— North America 2018 ————

Deep Dive: Knative Productivity BoF

Adriano Cunha (Google, @adrcunha)



Agenda



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- What's Knative?
- The Productivity WG
- Architecture and details
- Life of a PR ("demo")
- Q&A

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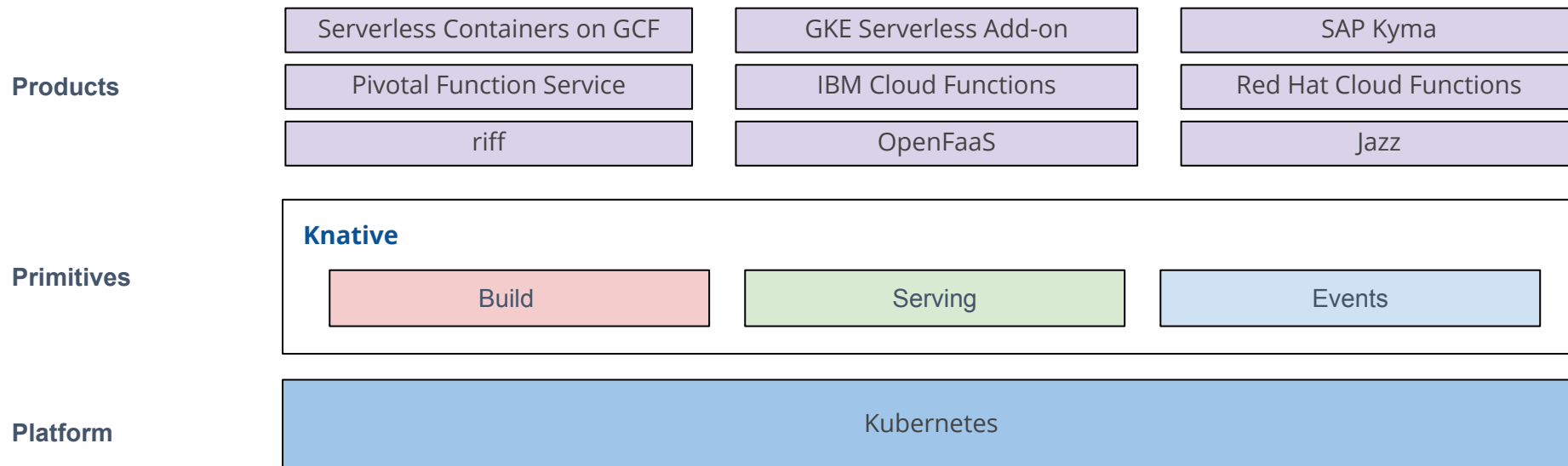
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- What's Knative?
- The Productivity WG
- Architecture and details
- Life of a PR ("demo")
- Q&A

Intro: Knative Productivity BoF
Speaker: Srinivas Hegde
Tuesday, December 11 2:35pm

- [Knative](#) is a Kubernetes-based platform
- Build, deploy, manage serverless workloads
- Provides middleware components
- For container-based applications



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- What's Knative?
- **The Productivity WG**
- Architecture and details
- Life of a PR (“demo”)
- Q&A

Intro: Knative Productivity BoF
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Productivity WG 1/2



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The Productivity Working Group mission is:

- Develop engineering guidelines
- Tools and infrastructure for Knative
- Enable high quality/velocity deliverables
- Drive measurable/predictable releases
- Achieve high community collaboration
- Achieve and overall productivity

Productivity WG 2/2



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Why? Because Knative has...

- 12 repos
- 400+ users
- 160+ PRs per week
- ~60+ new issues per week

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- What's Knative?
- The Productivity WG
- **Architecture and details**
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Architecture

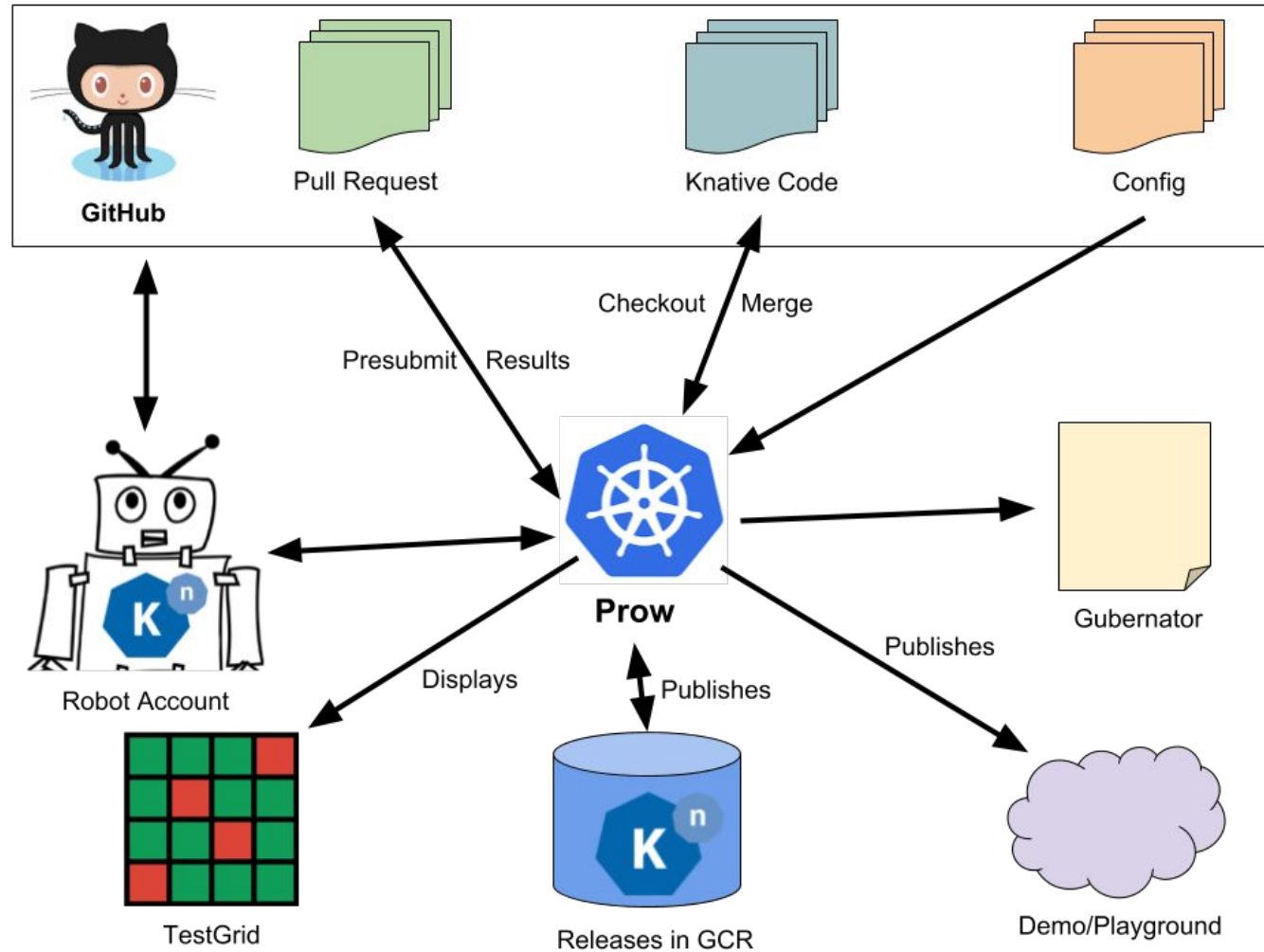


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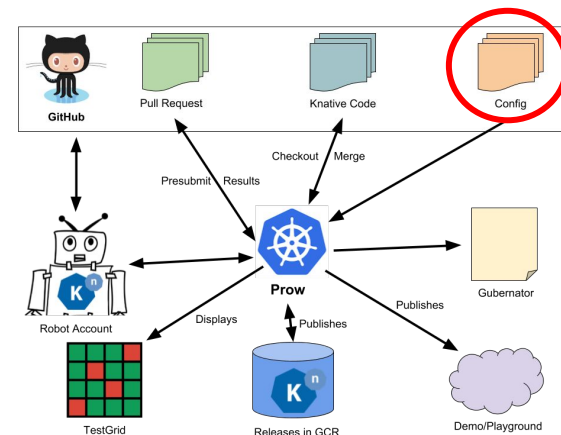
The basics

- Presubmit tests (required for merging)
- Automagic merging
- Continuous Integration (CI) flow (every 1 or 2h)
- Nightly releases
- Code coverage reports
- Weekly playground (optional)
- Performance tests (optional)

CI/CD system: the Kubernetes-based [Prow](#)

Prow config

- One job for each presubmit test
- Presubmit tests are required checks in GitHub
- OWNERS files define approvers and reviewers
- Merge: `/lgtn` + `/approve` + passing tests
- Periodic jobs for dailies, nightlies, weeklies, etc.
- Boskos: pool of GCP projects for E2E



Prow config bonus: PR Dashboard



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PR Dashboard

View [All](#) | **Me** | | [Switch User](#)

Filter Milestone: **Any** [Scaling](#) [Robust E2E Autoscaling Tests](#) [Serving 0.3](#)

Needs Attention (7)

[Clear Acks \(6\)](#)

Repo	Number	Author	Status	Updated	Assignees	Size	Title	
knative/docs	641	adrcunha	✓ LGTM	8:43 AM	RichieEscarez, labadav, vdemeester	XS	Fix my username :)	ACK
knative/serving	2665	mattmoor	✓ Needs Review	Dec 6	adrcunha, mattmoor, mdemirhan, srinivashegde86, tcnghia, vagababov, vaikas-google	L	Use regional clusters	ACK
knative/eventing-sources	121	grantr	✗ Needs Review	Dec 6	Harwayne, adrcunha, grantr, jessiezcc, vaikas-google	XXL	Add E2E test	ACK
knative/serving	2602	dushyanthsc	✓ Needs Review	Dec 6	adrcunha, dushyanthsc, evankanderson, jessiezcc, knative-prow-robot, srinivashegde86, steuhs	L	Moving envvars_test from e2e to conformance	ACK
knative/test-infra	296	adrcunha	✓ LGTM	Dec 5	srinivashegde86	M	Rename release jobs to "nightly-release" for clarity	ACK
knative/pkg	143	greghaynes	✓ Needs Review	Dec 5	adrcunha, jessiezcc	M	Add static endpoint override to test/spoof	ACK
knative/build-pipeline	311	adrcunha	✓ LGTM	Dec 5	ImJasonH, vdemeester	L	Update test-infra to include latest features of release.sh	ACK

Incoming (10)

Repo	Number	Author	Status	Updated	Assignees	Size	Title
knative/serving	2665	mattmoor	✓ Needs Review	Dec 6	adrcunha, mattmoor, mdemirhan, srinivashegde86, tcnghia, vagababov, vaikas-google	L	Use regional clusters
knative/eventing-sources	121	grantr	✗ Needs Review	Dec 6	Harwayne, adrcunha, grantr, jessiezcc, vaikas-google	XXL	Add E2E test
knative/serving	2602	dushyanthsc	✓ Needs Review	Dec 6	adrcunha, dushyanthsc, evankanderson, jessiezcc, knative-prow-robot, srinivashegde86, steuhs	L	Moving envvars_test from e2e to conformance
knative/pkg	143	greghaynes	✓ Needs Review	Dec 5	adrcunha, jessiezcc	M	Add static endpoint override to test/spoof
knative/serving	2190	Leon-Liangming	✓ Needs Review	Nov 29	Leon-Liangming, ZhiminXiang, adrcunha, dgerd, evankanderson, jonjohnsonjr, josephburnett, knative-prow-robot, mattmoor, tcnghia	XL	Support set user-defined port to queue-proxy
knative/eventing-sources	127	n3wscott	✓ LGTM	Nov 26	Harwayne, adrcunha, grantr, matzew, vaikas-google	M	Adding heartbeats source and receiver as a release-able component.
knative/serving	2170	josephburnett	✓ LGTM	Nov 20	adrcunha, bbrowning, josephburnett, knative-prow-robot, markusthoemmes, mattmoor, mdemirhan, srinivashegde86	M	E2E test restarting Autoscaler and Activator
knative/test-infra	217	tcnghia	✓ Pending	Oct 29	adrcunha, jessiezcc	XS	Experiment with increasing the max nodes to 4
knative/test-infra	213	mattmoor	✓ LGTM	Oct 25	adrcunha, srinivashegde86, steuhs	S	This moves the build of dep-collector into the Prow Dockerfile.
knative/eventing	453	greghaynes	✓ Pending	Sep 27	adrcunha, gregghaynes, n3wscott, scothis, srinivashegde86	L	Enforce all code dirs have tests

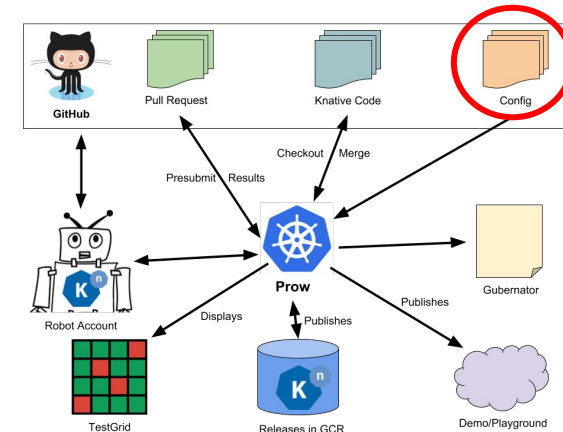
Outgoing (5)

Repo	Number	Author	Status	Updated	Assignees	Size	Title
knative/docs	641	adrcunha	✓ LGTM	8:43 AM	RichieEscarez, labadav, vdemeester	XS	Fix my username :)
knative/serving	2526	adrcunha	✓ Pending	Dec 6	srinivashegde86, yanweiguo	XS	Temporarily set KO_DATA_PATH for E2E tests
knative/test-infra	296	adrcunha	✓ LGTM	Dec 5	srinivashegde86	M	Rename release jobs to "nightly-release" for clarity
knative/build-pipeline	311	adrcunha	✓ LGTM	Dec 5	ImJasonH, vdemeester	L	Update test-infra to include latest features of release.sh
knative/test-infra	254	adrcunha	✓ LGTM	Nov 13	ericKlwitter, jessiezcc, srinivashegde86	XS	Fix getting commit hash for tagging

Needs Attention is a heuristic grouping based on a [simple state machine](#). Use the "ACK" button to remove a PR from "Needs Attention" until something new occurs.

Have a problem? [File a bug!](#)

Gubernator's PR Dashboard



test-infra repo



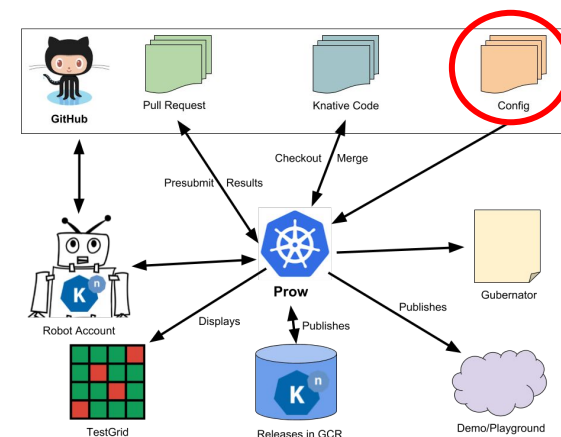
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- Test infrastructure configurations
- Test infrastructure tools
- Shared code for tests
 - Frameworks are in the pkg repo
- Test-related tools
- Vendored in each repo
 - Pro: Avoid breakages
 - Con: Requires individual updates



Tests



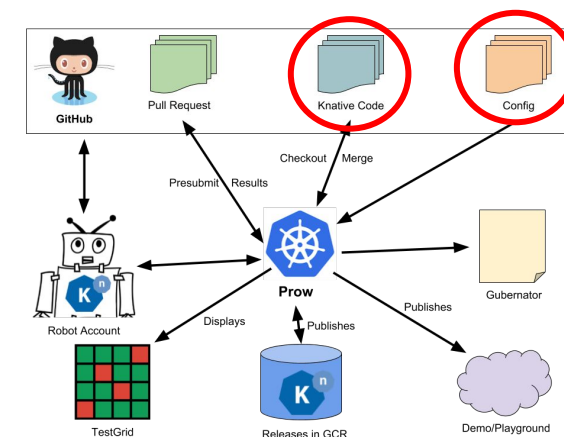
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- At least build, unit, integration
- Starter in test-infra helpers (vendored)
- Repo-specific code in each repo (`/test`)
- Run locally or on Prow (presubmit, CI flow)
- Integration tests:
 - Use [kubetest](#) to provide k8s cluster
 - Conformance tests (separate display)
 - Too many? Too slow? Split (on Prow)



Coverage 1/2



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- Code coverage
 - No support on Prow (yet)
 - Custom tool, reporting per PR and daily



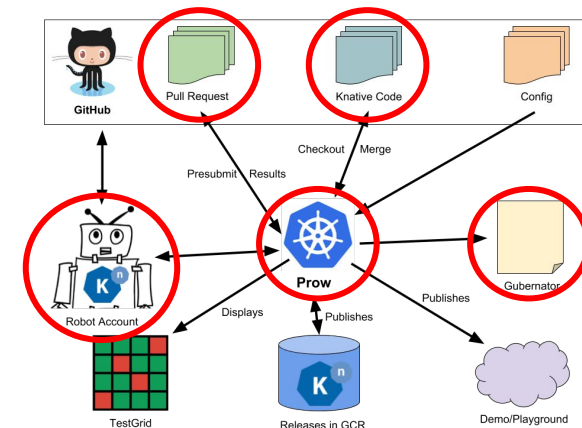
covbot commented 14 hours ago

Member + 😊 ...

The following is the coverage report on pkg/.

Say `/test pull-knative-serving-go-coverage` to re-run this coverage report

File	Old Coverage	New Coverage	Delta
pkg/reconciler/v1alpha1/clusteringress/clusteringress.go	82.7%	82.9%	0.2
pkg/reconciler/v1alpha1/clusteringress/gateway.go	Do not exist	55.6%	



Coverage 2/2



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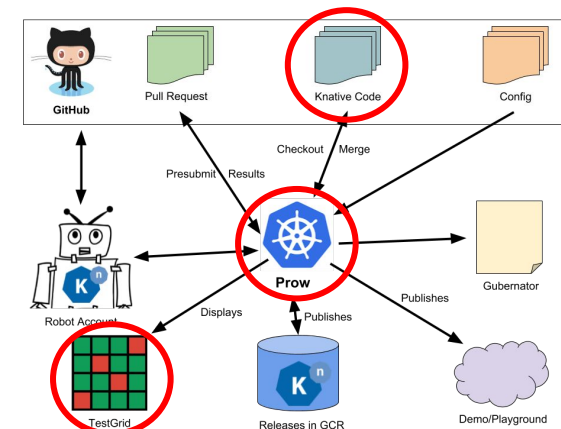


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- Runtime coverage support
 - Log metrics in the CI flow
 - API latency: embedded in E2E
 - API coverage: embedded in E2E

knative-serving				
knative-build knative-build-templates knative-build-pipeline knative-e				
Summary continuous release playground coverage latency api-coverage conformar				
95% latency in ms				
About ▾ Size ▾ Options ▾ Graph ▾	12-07	12-06	12-05	12-04
	1070952480	1070590093	1070227704	1069865315
E2E:TestBlueGreenRoute	30980.0	26080.0	28970.0	28090.0
E2E:TestBlueGreenRoute/outlier:worst	32230.0	27040.0	39110.0	28100.0
E2E:TestBuildAndServe	9710.0	9600.0	10590.0	9710.0
E2E:TestBuildAndServe/outlier:worst	9780.0	10560.0	10660.0	9860.0
E2E:TestBuildFailure	1210.0	1280.0	1220.0	1280.0
E2E:TestBuildFailure/outlier:worst	1470.0	1330.0	1300.0	1450.0
E2E:TestBuildSpecAndServe	18820.0	20560.0	21650.0	17700.0
E2E:TestBuildSpecAndServe/outlier:worst	19600.0	46520.0	22590.0	18550.0
E2E:TestContainerErrorMsg	1210.0	1220.0	1210.0	1220.0
E2E:TestContainerErrorMsg/outlier:worst	1220.0	1220.0	1340.0	1330.0
E2E:TestCustomResourcesLimits	68300.0	67100.0	68930.0	68910.0
E2E:TestCustomResourcesLimits/outlier:worst	68950.0	68050.0	70080.0	68920.0



Presubmits



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- Separate Prow jobs (at least 3)
- Required status check on GitHub
- Results displayed on Gubernator
 - No support for go, custom test result parser

Review requested [Show all reviewers](#)
Review has been requested on this pull request. It is not required to merge. [Learn more.](#)

Some checks were not successful [Hide all checks](#)
1 failing, 1 pending, and 5 successful checks

- pull-knative-serving-upgrade-tests** — Job failed. [Required](#) [Details](#)
- tide** Pending — Not mergeable. Needs approved, lgtn labels. [Required](#) [Details](#)
- cla/google** — All necessary CLAs are signed. [Required](#)
- pull-knative-serving-build-tests** — Job succeeded. [Required](#) [Details](#)
- pull-knative-serving-go-coverage** — Job succeeded. [Details](#)

Required statuses must pass before merging
All required [statuses](#) and check runs on this pull request must run successfully to enable automatic merging.

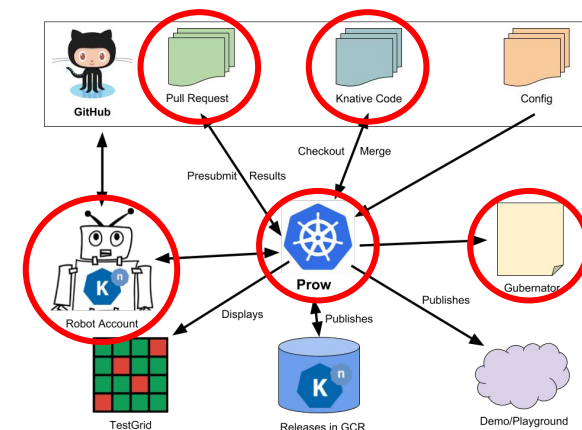
[Squash and merge](#) or view [command line instructions](#).

Test Failures

//knative/serving/test/upgrade:TestRunLatestServicePostDowngrade 0.00s

Command: bazel test //knative/serving/test/upgrade:TestRunLatestServicePostDowngrade

```
exec ${PAGER:-/usr/bin/less} "$@" || exit 1
Executing tests from //knative/serving/test/upgrade:TestRunLatestServicePostDowngrade
upgrade.go:52: The endpoint for Route pizzaplanet-upgrade-service at domain pizzaplanet-
```



Releases



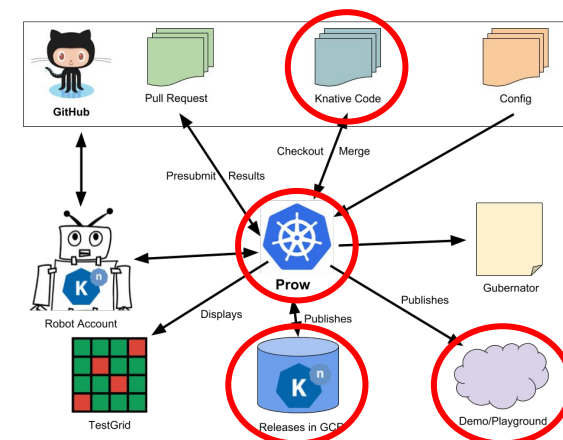
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- Periodic Prow job
- Nightlies:
 - HEAD, all tests, build, publish (versioned)
 - tag images *v20181231-deadbeef, latest*
 - use separate dir in GCS (previous, latest)
- Playground: deploy latest nightly
- Display results in Testgrid



Results display 1/2: Gubernator




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knative/serving PR #2663 pull-knative-serving-upgrade-tests #1070884154926698497

[Recent runs](#)

PR	lichuqi : sync gateway label selector on config update
Result	FAILURE
Tests	1 failed / 2 succeeded
Started	2018-12-06 19:34 PST
Elapsed	19m46s
Version	unknown
Builder	gke-prow-default-pool-7f6e232f-f6ln
Refs	master: 556db3ae 2663:15795332
pod	eb66a714-f9d0-11e8-b9d2-0a580a3c017e
infra-commit	d6f7bb8bf
pod	eb66a714-f9d0-11e8-b9d2-0a580a3c017e
repo	github.com/knative/serving
repo-commit	42993ab1bbf5c0398739999468e812fb07511a47
repos	{u'github.com/knative/serving': u'master:556db3ae138ebbf59cacb504984cc157387a775,2663:15795332846fcc82742ccc847a8147ce3d13d60a'}

[artifacts](#) [build log](#)

Test Failures

//knative/serving/test/upgrade:TestRunLatestServicePostDowngrade 0.00s

Command: bazel test //knative/serving/test/upgrade:TestRunLatestServicePostDowngrade

```
exec ${PAGER:-/usr/bin/less} "$@" || exit 1
Executing tests from //knative/serving/test/upgrade:TestRunLatestServicePostDowngrade
-----
upgrade.go:52: The endpoint for Route pizzaplanet-upgrade-service at domain pizzaplanet-upgrade-service.serving-tests.example.com didn't serve the expected text "Re-energize yourself with a slice of pepperoni!": Get
http://35.238.39.236: dial tcp 35.238.39.236:80: connect: connection refused
```

from [junit_bazel.xml](#)

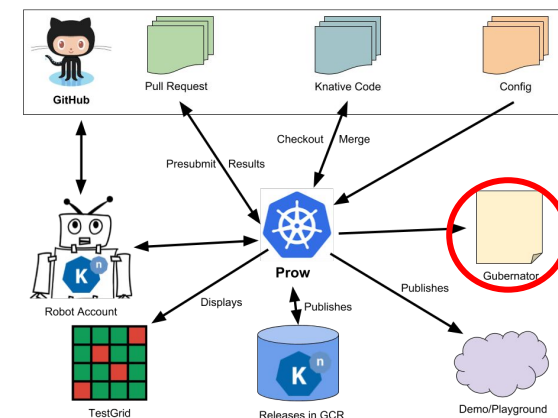
Filter through [log files](#)

Show 2 Passed Tests

Error lines from build-log.txt

[Expand Skipped Lines](#) [Raw build-log.txt](#)

```
... skipping 626 lines ...
I1207 03:43:43.240] =====
I1207 03:43:43.240] Running tests with 'go test -race -v -count=1 -tags=preupgrade -timeout=10m ./test/upgrade '
I1207 03:44:23.655] Finished run, return code is 0
I1207 03:44:23.656] Start parsing results, summary:
I1207 03:44:23.665] - TestRunLatestServicePreUpgrade :PASS:
I1207 03:44:23.667] - ok github.com/knative/serving/test/upgrade
```



Results display 2/2: Testgrid



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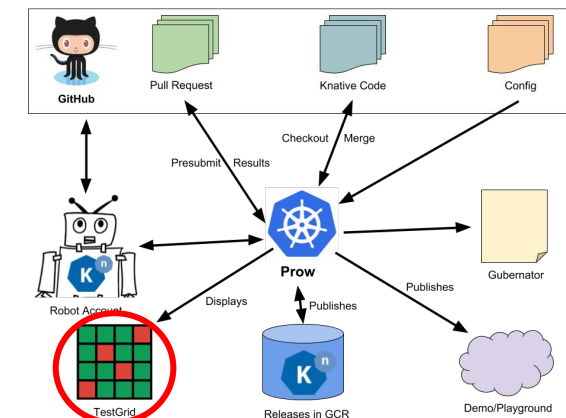


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- Pass/fail tests: go test parser
- Coverage: XML artifact contains results

knative-serving knative-build knative-build-templates knative-build-pipeline knative-eventing knative-eventing-sources knative-docs knative-pkg knative-caching														
Summary continuous release playground coverage latency api-coverage conformance-tests performance														
12-06 17:00 @1070845526330576896 -- 11-23 17:00 @1066134481041100800; Served from cache in 0.05 seconds														
About ▾ Size ▾ Options ▾ Graph ▾	12-06	12-05	12-04	12-03	12-02	12-01	11-30	11-29	11-28	11-27	11-26	11-25	11-24	11-23
17:00														
1070845526:1070483138:1070120750:1069758361:1069395972:1069033585:1068671198:1068308810:1067946421:1067584033:1067221646:1066859256:1066496869:10661344810														
OVERALL	89.2	80.7	80.4	80.4	80.4	80.5	80.5	81.2	81.2	81.6	81.6	81.6	81.6	81.7
github.com/knative/serving/cmd/activator/main.go		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
github.com/knative/serving/cmd/autoscaler	4.6													
github.com/knative/serving/cmd/autoscaler/main.go	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8
github.com/knative/serving/cmd/controller/main.go		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
github.com/knative/serving/cmd/queue/main.go		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
github.com/knative/serving/cmd/util/env.go		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
github.com/knative/serving/cmd/webhook/main.go		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
github.com/knative/serving/pkg/activator	90.0													
github.com/knative/serving/pkg/activator/dedupe.go	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
github.com/knative/serving/pkg/activator/handler	100.0													
github.com/knative/serving/pkg/activator/handler/concurrency_reporter.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/handler/enforce_length_handler.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/handler/filtering_handler.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/handler/handler.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/handler/requestevent_handler.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/revision.go	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
github.com/knative/serving/pkg/activator/stats_reporter.go	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.3	77.3	77.3	77.3
github.com/knative/serving/pkg/activator/util	98.1													
github.com/knative/serving/pkg/activator/util/header.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/activator/util/rewinder.go	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
github.com/knative/serving/pkg/activator/util/transport.go	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
github.com/knative/serving/pkg/apis	94.4													
github.com/knative/serving/pkg/apis/autoscaling	75.3													
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1	75.3													
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/kpa_defaults.go														
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/kpa_types.go														
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/kpa_validation.go														
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/pa_defaults.go														
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/pa_types.go														
github.com/knative/serving/pkg/apis/autoscaling/v1alpha1/pa_validation.go														



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- What's Knative?
- The Productivity WG
- Architecture and details
- **Life of a PR ("demo")**
- Q&A

Life of a PR 1/8: Create



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Search or jump to... Pull requests Issues Marketplace Explore

knative / serving Watch 76 Unstar 908 Fork 191

Code Issues 257 Pull requests 36 Projects 7 Insights Settings

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base fork: knative/serving base: master head fork: adrcunha/serving compare: kodata2

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

Temporarily set KO_DATA_PATH for E2E tests #2526
Once this works, I'll move this to the base helper scripts so all E2E tests in all repos will benefit from it. [View pull request](#)

1 commit 1 file changed 0 commit comments 1 contributor

Commits on Nov 20, 2018

adrcunha Set KO_DATA_PATH for E2E tests 1fd78d1

Showing 1 changed file with 1 addition and 0 deletions. Unified Split

```
1 test/e2e-tests.sh
@@ -71,6 +71,7 @@ publish_test_images || fail_test "one or more test images weren't published"
71 # Run the tests
72
73 header "Running tests"
74 + export KO_DATA_PATH=${REPO_ROOT_DIR}/.git
75 go_test_e2e -timeout=20m ./test/conformance ./test/e2e || fail_test
76 success
```

Copy path View file

No commit comments for this range

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Life of a PR 2/8: Assignment



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The screenshot shows a GitHub Pull Request (PR) for the 'knative / serving' repository. The PR title is 'Make verify-codegen.sh also check /vendor #2561'. It is a merged PR, with a purple 'Merged' label. The PR was merged 1 commit into 'knative:master' from 'adrcunha:verdeps' 9 days ago. The PR has 76 watches, 909 unstars, and 191 forks. The PR is assigned to 'adrcunha' and has 6 conversations, 1 commit, 0 checks, and 2 files changed. The PR description includes a comment from 'adrcunha' stating 'Fixes #1711.' and a commit message 'Make verify-codegen.sh also check /vendor'. The PR is reviewed by 'mattmoor' and 'glyn'. The PR is assigned to 'srinivashegde86' and 'mattmoor'. The PR has labels 'approved', 'lgtn', and 'size/XS'. Two green arrows point to the PR history: one to the commit 'Make verify-codegen.sh also check /vendor' and another to the review request from 'adrcunha'.

Search or jump to... / Pull requests Issues Marketplace Explore

knative / serving Watch 76 Unstar 909 Fork 191

Code Issues 260 Pull requests 33 Projects 7 Insights Settings

Make verify-codegen.sh also check /vendor #2561 Edit

Merged knative-prov-ro... merged 1 commit into knative:master from adrcunha:verdeps 9 days ago

Conversation 6 Commits 1 Checks 0 Files changed 2 +2 -2

adrcunha commented 10 days ago Member + 😊 ...

Fixes #1711.

Make verify-codegen.sh also check /vendor ✓ 2a0b54a

knative-prov-robot requested review from dushyanthsc and srinivashegde86 10 days ago

knative-prov-robot added the size/XS label 10 days ago

adrcunha requested review from glyn and mattmoor and removed request for srinivashegde86 and dushyanthsc 10 days ago

Reviewers

- mattmoor
- glyn

Assignees

- srinivashegde86
- mattmoor

Labels

- approved
- lgtn
- size/XS

Life of a PR 3/8: Presubmit

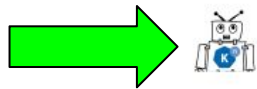


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knative-prow-ro... commented 21 hours ago

Member + 👤 ...

@aaron-prindle: The following test **failed**, say `/retest` to rerun them all:

Test name	Commit	Details	Rerun command
pull-knative-build-integration-tests	73d3fd6	link	<code>/test pull-knative-build-integration-tests</code>

[Full PR test history.](#) [Your PR dashboard.](#)

► Details

Add more commits by pushing to the **no-init-containers** branch on **aaron-prindle/build**.



Review requested

[Show all reviewers](#)

Review has been requested on this pull request. It is not required to merge. [Learn more.](#)



Some checks were not successful

[Hide all checks](#)

1 failing, 1 pending, and 4 successful checks



pull-knative-build-integration-tests — Job failed.

Required [Details](#)



tide Pending — Not mergeable. Needs approved, lgtn labels.

Required [Details](#)



cla/google — All necessary CLAs are signed

Required



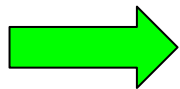
pull-knative-build-build-tests — Job succeeded.

Required [Details](#)



pull-knative-build-go-coverage — Job succeeded.

[Details](#)



Life of a PR 4/8: Retest

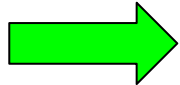


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srinivashegde86 commented an hour ago

Member + 😊 ...

/retest

Add more commits by pushing to the **feature/test_cleanup** branch on **alculquicondor/serving**.



Review requested

[Show all reviewers](#)

Review has been requested on this pull request. It is not required to merge. [Learn more](#).



Some checks haven't completed yet

[Hide all checks](#)

4 pending and 3 successful checks



pull-knative-serving-build-tests Pending — Job triggered.

Required [Details](#)



pull-knative-serving-integration-tests Pending — Job triggered.

Required [Details](#)



pull-knative-serving-unit-tests Pending — Job triggered.

Required [Details](#)



pull-knative-serving-upgrade-tests Pending — Job triggered.

Required [Details](#)



cla/google — All necessary CLAs are signed

Required



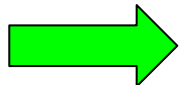
Required statuses must pass before merging

All required [statuses](#) and check runs on this pull request must run successfully to enable automatic merging.

Squash and merge



or view [command line instructions](#).



Life of a PR 5/8: Review



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mattmoor commented 20 hours ago

Member

+ 😊 ...

/test pull-knative-serving-upgrade-tests



mdemirhan commented 3 hours ago

Member

+ 😊 ...

@yanweiguo @akyyy The tests are finally passing. Please take a look and let me know if you have more feedback.



akyyy reviewed 2 hours ago

[View changes](#)

cmd/controller/main.go

```
...    ...    @@ -192,6 +193,8 @@ func main() {  
192    193  
193    194        // Watch the logging config map and dynamically update logging level  
194    195        configMapWatcher.Watch(logging.ConfigName, logging.UpdateLevelFromCo  
196    +        // Watch the observability config map and dynamically update metrics  
197    +        configMapWatcher.Watch(metrics.ObservabilityConfigName, metrics.Upda
```



akyyy 2 hours ago

Member

In this file, you need to load volume "etc/config-observability" and add that mount path in controller yaml file?



Reply...

Resolve conversation

Add more commits by pushing to the **reconciler_metrics** branch on **mdemirhan/serving**.

Life of a PR 6/8: Coverage

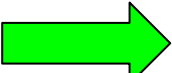


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alculquicondor 5 hours ago Member

Actually, I just checked and the Ready condition doesn't change when the service scales to 0. So, this should be fine.

Reply...

Resolve conversation

alculquicondor added some commits 23 hours ago

- Merge branch 'master' into feature/perf_service_creation c5c92ec
- Merge branch 'master' into feature/perf_service_creation f54a069

covbot commented 5 hours ago Member

The following is the coverage report on pkg/.
Say `/test pull-knative-serving-go-coverage` to re-run this coverage report

File	Old Coverage	New Coverage	Delta
pkg/reconciler/stats_reporter.go	Do not exist	78.6%	
pkg/reconciler/v1alpha1/service/service.go	91.4%	91.8%	0.4

mdemirhan requested changes 3 hours ago View changes

```
pkg/reconciler/stats_reporter.go
28 + type Measurement int
29 +
30 + const (
31 +     // ServiceTimeUntilReadyM is the time it takes for a service to be...
```

mdemirhan 3 hours ago Member

We used to use this pattern if there are multiple measurements with the same signature/tags. However, for a single measurement, or for multiple measurements that have different signatures, it would be better to just skip this model and use a simpler thing (see https://github.com/knative/pkg/blob/master/controller/stats_reporter.go).

Life of a PR 7/8: LGTM

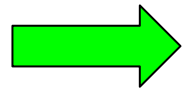


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mattmoor reviewed 10 days ago

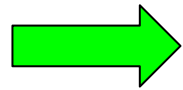
[View changes](#)

/lgtm
/approve



knative-prow-robot assigned **mattmoor** 10 days ago

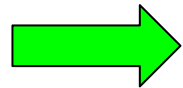
knative-prow-robot added **lgtm** **approved** labels 10 days ago



glyn approved these changes 10 days ago

[View changes](#)

LGTM, thanks!



knative-prow-ro... commented 10 days ago

Member + 😊 ...

[APPROVALNOTIFIER] This PR is **APPROVED**

This pull-request has been approved by: [adrcunha](#), [glyn](#), [mattmoor](#)

The full list of commands accepted by this bot can be found [here](#).

The pull request process is described [here](#)

► Details

Projects

None yet

Milestone

No milestone

Notifications

🔊 Unsubscribe

You're receiving notifications because you were mentioned.

5 participants



Lock conversation

☐ Allow edits from maintainers.

[Learn more](#)

Life of a PR 8/8: PR merged

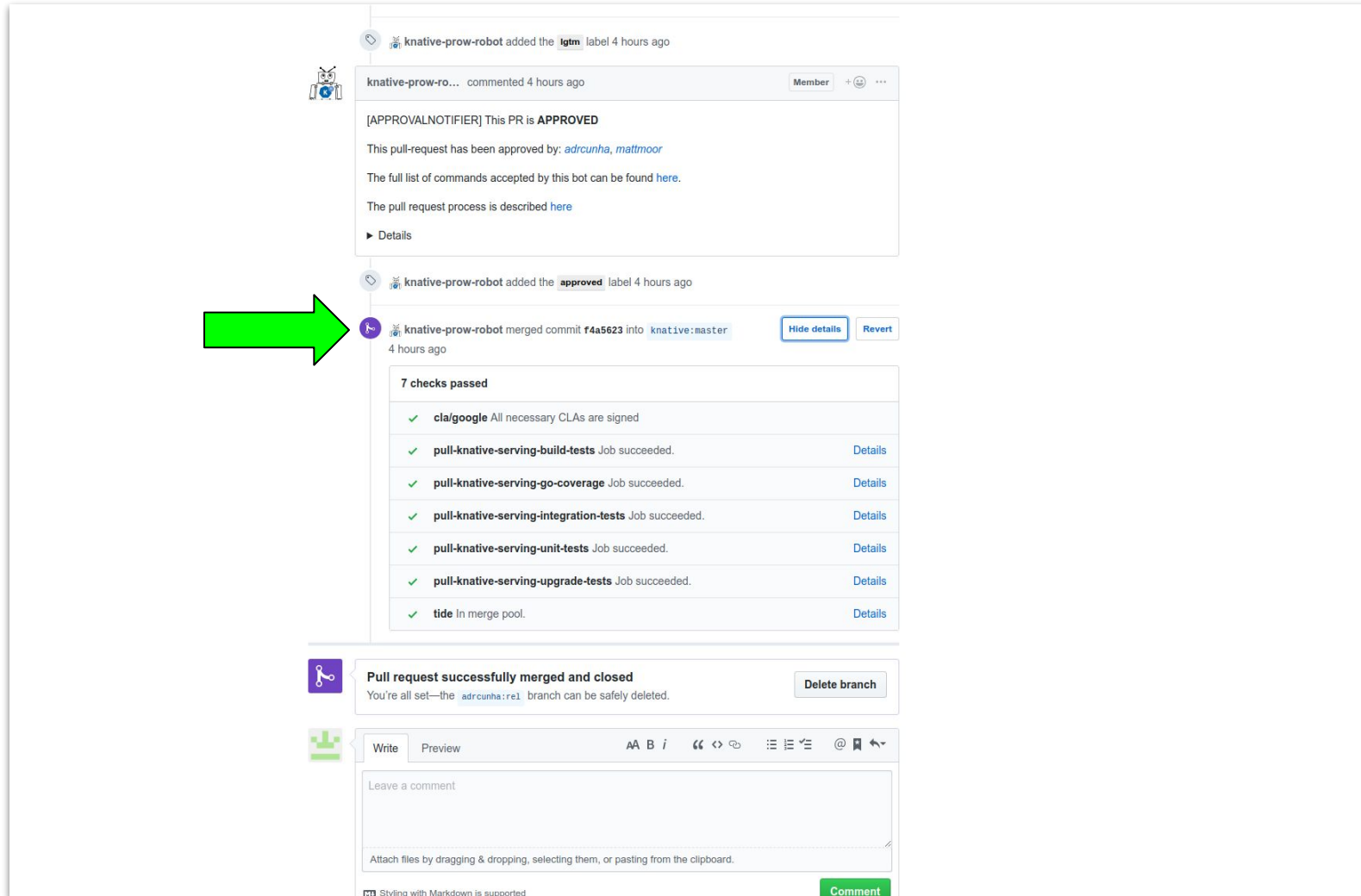


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The screenshot shows a GitHub pull request interface. At the top, a comment from 'knative-prow-robot' states 'This PR is **APPROVED**' and lists approvers 'adrcunha' and 'matmoor'. Below this, another comment from 'knative-prow-robot' indicates the PR has been merged into 'knative:master'. A large green arrow points to this merge commit. Below the merge message, a table lists 7 checks that passed, including CLA checks and various test jobs. At the bottom, a message states 'Pull request successfully merged and closed' and provides a 'Delete branch' button. The interface also includes a 'Write' tab for comments and a 'Comment' button.

knative-prow-robot added the `lgdm` label 4 hours ago

knative-prow-ro... commented 4 hours ago

[APPROVALNOTIFIER] This PR is **APPROVED**

This pull-request has been approved by: [adrcunha](#), [matmoor](#)

The full list of commands accepted by this bot can be found [here](#).

The pull request process is described [here](#)

► Details

knative-prow-robot added the `approved` label 4 hours ago

knative-prow-robot merged commit `f4a5623` into `knative:master` 4 hours ago

7 checks passed

✓	cla/google All necessary CLAs are signed	
✓	pull-knative-serving-build-tests Job succeeded.	Details
✓	pull-knative-serving-go-coverage Job succeeded.	Details
✓	pull-knative-serving-integration-tests Job succeeded.	Details
✓	pull-knative-serving-unit-tests Job succeeded.	Details
✓	pull-knative-serving-upgrade-tests Job succeeded.	Details
✓	tide In merge pool.	Details

Pull request successfully merged and closed

You're all set—the `adrcunha:re1` branch can be safely deleted.

Delete branch

Write Preview

AA B I " < > @

Leave a comment

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

Comment

Styling with Markdown is supported

Agenda



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- What's Knative?
- The Productivity WG
- Architecture and details
- Life of a PR (demo)
- **Q&A**



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