



Knative Community Meetup

2022-11-16

9:30 AM- 10:30 AM PDT

[Add this event to your calendar](#)

[Join with Zoom Link](#) - Meeting ID: 985 1293 3140

Agenda:

- Welcome and announcements
- Demo: **Knative Serving on EKS with Istio and ALB by Timam (Al-Amin Talukdar)**
With default Knative installation on EKS creates a classic load balancer, which is not cloud friendly. In the demo Timam will share the steps I took to configure it with ALB.
- About our speaker: **Timam (Al-Amin Talukdar) is a Senior DevOps Engineer @ CHEQ**
He has 7+ years of experience in DevOps. AWS Community Builder.
- Q&A Session

2022-09-28

9:30 AM- 10:30 AM PDT

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[Join with Zoom Link](#) - Meeting ID: 985 1293 3140

Agenda:

- Welcome and announcements
- Demo: **Dogfooding Knative by Sameer Vohra**
Dogfooding is a powerful way of engaging with our contributor community and building empathy for our end user community. In this demo Sameer Vohra from VMware will build a **Knative Service + Eventing + Func** application that solves the simple internal problem by sending a weekly slack message reminding us of the upcoming holidays for the next month.
- About our speaker: Using Knative as a member of the community allows Sameer to get more hands on with the awesome tech we're producing as well closer to the end users we're building

for. His team at VMware is distributed across many countries and it was hard to be aware of all the holidays that would be coming up and that's why he built a Knative Service + Eventing + Func application.

- Q&A Session

2022-07-27

9:30 AM - 10:30 AM PT

Agenda:

- Welcome and WG announcements
- **Presentation by Ishan Khare:**
 - Title: Optimizing vcluster for multitenant knative
 - Description: We will be discussing and showcasing a demo of how we are optimizing the vcluster project for creating virtual clusters specially for multi tenant Knative scenarios.
- Q&A Session

2022-06-22

9:30 AM-10:30 AM PST

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Agenda:

- Welcome and announcements
About our speaker: Evan Anderson is one of the founding members of the Knative project and worked on Google Cloud pre-launch. He's now a lead at VMware on Tanzu Application Platform.
- **Discussion: Knative and CNCF—KnativeCon & KubeCon retrospective, and next steps**
Evan will also highlight the great work of the CNCF Ambassadors and discuss ways the Knative Community can support them.
- Q&A Session

2022-05-25

9:30 AM- 10:30 AM PST

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Click here to join [Zoom Meeting Link](#)

Recording on YouTube is [here](#)

Chat from this meeting is [here](#)

Agenda:

- Welcome and announcements
About our speaker: Dmitrii Ustiugov received his PhD from the University of Edinburgh in 2022 and is now joining ETH Zurich as a postdoctoral researcher. Dmitrii's research interests lie at the intersection of Computer Systems and Architecture with a current focus on support for cloud and serverless computing.
- **Demo: Turbocharging Serverless Research with STeLLAR and vHive**
Serverless clouds boost developer productivity by taking over cloud infrastructure management, allowing the developers to focus on their service's business logic. This labor division opens opportunities for systems researchers to innovate in serverless computing. However, leading serverless providers rely on proprietary infrastructure ill-suited for systems research in academia. In this demo, I will talk about vHive, a full-stack open-source ecosystem for serverless clouds benchmarking, experimentation, and innovation; which is now in use in 25+ universities and companies world-wide.
- Q&A Session

2022-04-27

9:30 AM- 10:30 AM PST

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Update: GoogleMeet: <https://meet.google.com/pcn-vaxk-ccg>

Agenda:

- Welcome and announcements
About our speaker: Pablo Mercado is an Engineer at TriggerMesh where he enjoys the perks of working on a distributed eventing system atop of Kubernetes. He started his professional journey more than 20 years ago, last five at startups around Kubernetes

and open source technologies, being the founder and active member of the Seville Kubernetes Meetup.

- **Demo: Connecting a Knative Eventing Cluster**

This demo will show attendees how to use sources and sinks to connect multiple Eventing instances. We will be using TriggerMesh OSS components to build an authenticated flow between the two clusters.

- Q&A Session

2022-03-23

9:30 AM- 10:30 AM PST

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Agenda:

- Welcome and announcements
About our speaker: Gabriel Freitas is an MTS 3MTS 3 at VMware
- Demo: **The magic of knative In and Event Driven Application**
Testing apps locally is easy, but migrating to production ready scenarios is a different picture. Come see Gabriel using Knative + React + Knative for developing a ready-to-deploy Web Chat application
- Q&A Session

2022-02-23

9:30 AM- 10:30 AM PST

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Join with [Zoom Link](#) - Passcode: 957104

Agenda:

- Welcome and announcements
About our speaker: Evan Anderson is one of the founding members of the Knative project and worked on Google Cloud pre-launch. He's now a lead at VMware on Tanzu Application Platform. Outside work, he's a dad of two and an ultrarunner.
- [Demo presentation](#)
Fast iteration on Knative applications using Tilt by Evan Anderson

Slides and code: [Github](#)

Knative makes deploying Cloud-native serverless applications easy, but what about building those applications?

Tools like Tilt and Skaffold enable tight “inner loop” development on Kubernetes, but how do they interact with the Knative autoscaler or event-driven applications?

[Come see Evan build an application using Tilt and Knative!](#)

- Q&A Session

2021-11-17

9:30 AM - 10:30 AM PST

[Calendar Link](#)

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Agenda

- Welcome & Announcements
- Knative 1.0 by Ville Aikas
Take a look to the blogspot bit.ly/31pL47Q to learn about the latest changes coming with [Knative](#) 1.0
- Q&A Session

2021-10-27

9:30 AM - 10:30 AM PST

[Calendar Link](#)

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Agenda

- Welcome & Announcements
- **Slice your business into functions and events by Maciej Swiderski**
Maciej is a software engineer at OpenEnterprise. In this session, Maciej will walk you through an approach that allows you to rely on serverless techniques such as functions and cloud events yet still working on the higher-level representation. He will introduce you to Workflow as a Function Flow concept that builds up on top of state of the art technologies such as CloudEvents and Knative Eventing to deliver a highly scalable business-oriented solution that looks like a single service but runs as a set of functions.
- Q&A Session

2021-09-22

9:30 AM - 10:30 AM PST

[Calendar Link](#)

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YouTube Video

Agenda

- Welcome & Announcements
- Demo: <https://www.youtube.com/watch?v=k0NXFr5iEFE&t=5s>
 - **Simplifying Microservice deployments with Kyma by Suman Chakraborty**
With high demand on the customization and extensibility of the software application on cloud, the changes have to be adopted in the central part of the code. This becomes challenging for the operator managing on top of the platform. This session will introduce Kyma that helps in simplifying the creation and management of extensions and bringing the customizations of applications leveraging Serverless (Knative, Lambda) and cloud-native technologies.
- Q&A Session

2021-08-25

9:30 AM - 10:30 AM PST

[Calendar Link](#)

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Agenda

- Welcome! (5')
 - Announce recording of meeting
- Announcement by Knative Operation WG: [Knative Operator Survey link](#), deadline 09/15.
- DUX WG Function Experience Interview Requests
<https://calendly.com/knative-ux/knative-user-interview?month=2021-09&date=2021-09-09>
- Speaker presentation: **Antoine Cotten, Senior Software Developer at TriggerMesh.**
Antoine is a long-time Kubernetes and Knative contributor who is currently building a cross-cloud eventing platform powered by Knative at TriggerMesh.
- Demo (30'):

The flexibility of modern cloud infrastructures and the rise of serverless brought event-driven service integrations back into fashion. Knative made it possible to leverage common messaging patterns the Cloud Native way, and build complex systems where components communicate asynchronously on top of Kubernetes. But building such systems requires some intrinsic knowledge of the Kubernetes API, and a good understanding of Knative's loosely coupled building blocks.

In this demo, Antoine Cotten will showcase how TriggerMesh leveraged the HCL syntax and some basic graph theory to design a description language specifically tailored for expressing event-driven architectures for service integrations backed by Knative, using common messaging patterns.

- Close (5')

2021-06-23

9:30 AM - 10:30 AM PST

[Calendar Link](#)

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[YouTube Video](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting
- Demo (30'):
 - Gabriel Freites, MTS 3 at VMWare will present “Knative DUX WG changes”. We will review the changes that have been done in the knative website to improve the experience and to be more effective in attracting new users.
- Close (5')

2021-05-26

9:30 AM - 10:30 AM PST

[Calendar link](#)

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[YouTube video](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting
- Working groups updates (5')
 -

- TOC updates
 - Approved GA Requirements
 - Evan is working to convert this into a spreadsheet & bugs
 - [New members!](#)
 - [Spec updates for eventing:](#)
 - [https://github.com/knative/specs/pull/24 \(data plane\)](https://github.com/knative/specs/pull/24)
 - [https://github.com/knative/specs/pull/25 \(24 + control plane\)](https://github.com/knative/specs/pull/25)
- General
 - New Release v0.23
 - Docs: <https://knative.dev/docs/>
 - New Release v0.23 Blog to be posted later this week
- Eventing
 - Eventing v0.23.1 is out
<https://github.com/knative/eventing/releases/tag/v0.23.1>
- Eventing is adding experimental features
<https://github.com/knative/eventing/pull/5404>
- [Write information here]
- [Write information here]
-
- Demo (30'): "WordPress on Knative" by Evan Anderson. Evan is a Software Engineer at VMware (however, this is a hobby project). One of the ways to learn about systems is by pushing their boundaries. The typical WordPress-on-Kubernetes demo uses a stateful WordPress server talking to a stateful database. WordPress seems like a great candidate to run as a stateless, scaleable service. What happens when we try to run a stateful WordPress on Knative? We learn a lot about WordPress and Knative!
- Close (5')

2021-04-28

9:30 AM - 10:30 AM PST

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[YouTube video](#)

TOC Candidates:

Video 1 Scott : https://youtu.be/ib_eFrTzo5g

Video 2 Evan : <https://youtu.be/kb2q11loagw>

Video 3 Julian : https://youtu.be/S7T_KEHNfWM

Video 4 David: <https://youtu.be/78tHmyHGyzY>

Agenda

- Welcome! (5')

- Announce recording of meeting
- Knative TOC elections - Interview with candidate (15 minutes)
 - Facilitated by April Kyle Nassi
- Working groups updates (5')
 - Serving
 - Gradual Rollout is possible to set on individual Revisions using `serving.knative.dev/rolloutDuration` annotation
 - **DomainMapping** has AutoTLS support
 - Looking for people's use cases and experience with our **multiple container** feature
 - Eventing:
 - 0.22 release
 - .23 release will drop v1beta1 {eventing, flows, messaging}
 - .23 release will drop v1alpha1 (APIServerSource, SinkBinding)
 - .23 release will drop v1alpha2 (all core sources)
 - .23 release will drop v1beta1 (all core sources)
 - .23 release will promote PingSource to v1 (finally!)
 - [Nicola Ferraro] CamelSource controller has been deprecated. But don't worry, the change is for the better! ([quick presentation](#))
 - Eventing is working on being ready for v1.0 . Come and help!
 - Eventing v1.0 readiness GitHub Project: <https://github.com/knative/eventing/projects/19>
 - ADD ITEM HERE
 - Client:
 - New Domain Mapping management (0.22)
 - Server-side revision naming is default (0.21)
 - Plugins:
 - 0.21 / 0.22:
 - **kn-plugin-admin**: Configure a Knative installation
 - **kn-plugin-source-kafka**: Manage a Kafka Source
 - New:
 - **kn-source-kamelet**: Use Kamelets as Knative Sources
 - **kn-event**: Inject CloudEvents into a sink
 - **kn-service-log**: Print logs of a Service's pods
 - **homebrew-kn-plugins**: Homebrew tap for released kn plugins
 - Security:
 - We have set up a vulnerability management process and are looking for (1) Companies/people who have a need to be on the disclosure list (2) Volunteers to help us on the vulnerability management team,

- See:
 - <https://github.com/knative/community/blob/main/working-groups/security/responding.md>
 - Contact Julz or Evan to sign up for disclosure list or VMT
 - DUX:
 - Last Knative release 0.22 got out and here is a post with the changes <https://knative.dev/blog/2021/04/06/version-0.22-release/>
 - UX WG and DOC WG are in the process of merging as a big family, the new team might call “DUX”
 - We are working on a new “Get Started” experience and doing interviews and using mkdocs as a new way to publish the experience. We are currently trying Knative on Kind konk.dev as a sandbox [wip](#)
 - If you are really new to knative or don't anything about knative please reach out to Om contribute 1 hour of your time for an user experience interview.
- [Demo](#) (30') : “Lightweight Deployments with Knative and K3s” by Anais Urlichs. Anaïs is a Developer Evangelist at Codefresh, the modern DevOps automation platform. When she is not advocating DevOps best practices, she runs her own YouTube Channel centered around Kubernetes. Before transitioning to DevOps, Anaïs helped blockchain projects scale and find adoption. As CNCF ambassador, her passion lies in making the cloud-native ecosystem more accessible to developers and community members. How many resources does your application require? How much time do you spend optimising those? There are several use cases, in which we want to keep our deployment as lightweight as possible, either because our application does not require much or because our use case is resource constraint to begin with. In those situations, K3s provides a lightweight alternative to other Kubernetes distributions; combined with Knative, we can optimise the start time, simplicity of our operation and reach a lightweight footprint that helps us minimise costs. In this talk, Anais will showcase setting up Knative on a K3s cluster and utilise Prometheus to monitor our deployment.
- Close (5')

2021-03-24

9:30 AM - 10:30 AM PST

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[YouTube video](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting
- Working groups updates (10')
 - Eventing WG

- Strong focus on V1 readiness. Specs / conformance testing / docs in particular could use more hands on keyboards :)
 - V1beta1 resources dropped in 0.23 release, plan accordingly.
 - Community contribution shoutout: first time contributor faruryo fixed an issue that was scheduled for the 0.22 release but unassigned [#4987](#). Thanks faruryo!
 - Knative v1 scope work update:
 - https://docs.google.com/presentation/d/1xTZsqr5zqiXN-XxF0mhibEUC5qEsH6skc8gfWI9r1u4/edit#slide=id.gca5e91cd5b_0_0
 -
- UX WG
 - TOC presentation on roadmap and zenhub board, working on the top items, checkout the roadmap <https://github.com/orgs/knative/projects/20> and signup for an outcome you want to help out, comment, assign, or join the Slack Channel [#user-experience](#). If you want to be interview for user testing please reach out also.
- Demo: [Srinivasan Parthasarathy](#), Research Scientist, IBM presenting “Release Automation for Knative Apps with Iter8”. Iter8 is an open source AIOps platform for cloud native release automation. Iter8 enables developers, data scientists, and SREs maximize business value and guarantee SLOs by automating metrics-driven experiments, progressively delivery, validation, and promotion/rollback of new versions of apps and ML models. In this talk, we will present a collection of demos that showcase how Knative app developers can use Iter8 to maximize their release velocity with confidence while protecting end-user experience. The demos highlight a few key benefits of Iter8 during Knative app releases, namely, conformance and canary testing, progressive, fixed-split and dark-launched deployments, mirroring/shadowing and request routing, integration with Helm and Kustomize, and the ability to use metrics from any REST API during experiments. All demos presented in this talk are documented at <https://iter8.tools> and can be run locally using Minikube/Kind in under 5 mins.
 - The Iter8 team will present at KubeCon + CloudNativeCon Europe 2021 <https://sched.co/iE2l>
-
- Close (5')

2021-02-24

9:30 AM - 10:30 AM PST

[Calendar link](#)

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[YouTube video](#)

Agenda

- Welcome! (5')

- Announce recording of meeting.
- Working groups updates (10')
 - Eventing WG
 - Eventing v1.0 work started. Help is always welcomed. <https://github.com/knative/eventing/projects/19>
 - Eventing Roadmap 2021 finalized. <https://github.com/knative/eventing/pull/4863>
 - Release 0.21 happened yesterday.
 - Look at the release notes knative.dev/eventing and [knative-sandbox/eventing](https://knative.dev/sandbox/eventing)*
 - Highlights:
 - PingSource breaking change: PingSource binary mode now sends the actual binary data in event body instead of base64-encoded form
 - API: Add Trigger.Delivery field which allows configuration of Delivery per Trigger
 - Removing v1beta1 API in release 0.23
 - Call to action: Looking for maintainers in eventing-* repos
 - User Experience (UX) Working Group (WG)
 - Announcement of new working group [sent out](#). We welcome folks
 - Docs WG
 - New release 0.21 of Knative docs going out this week including the usual blog release post.

Knative V1 Scope

Community update (5 minutes)

- What conference are you interested in presenting at this year? Let's take a few minutes to fill out [this spreadsheet](#). We are looking for event names, dates, and topics (related to Knative) you are interested in presenting, and whether or not you are looking for collaboration.
- [From Paul Morie]: KubeCon is a great choice, but consider that they get plenty of submissions and it is hard to get selected. Also think of smaller events where we could present about Knative
- [From Carlos Santana]: We could start a Knative Twitch channel.
- [Paul Morie] Contributor of the month idea: <https://github.com/knative/community/issues/469>
-

Eventing WG:

Demo: “Transforming CloudEvents with Bumblebee” presented by Sebastien Goasguen, co-founder, TriggerMesh.

We will introduce bumblebee <https://github.com/triggernesh/bumblebee> which allows people to define cloudevents transformation declaratively. Combined with knative primitives it helps build event flows that integrate separate services.

- Close (5')0

2021-01-27

9:30 AM - 10:30 AM PST

[Calendar link](#)

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[YouTube video](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Working groups updates (10')
 - Operation WG: the improved `customized manifests`
 - `spec.manifests` to overwrite all manifests
 - `spec.additionalManifests` to change/add the resources needed.
 - Install customized knative serving - <https://knative.dev/docs/install/knative-with-operators/#installing-the-knative-serving-component>
 - Install customized knative eventing: <https://knative.dev/docs/install/knative-with-operators/#installing-the-knative-eventing-component>
 - Eventing WG:
 - Kicked off roadmap meetings series. [Knative Eventing Roadmap](#) is being more solid
- **User Experience Interviews** (1'): We are looking for new users to Knative that would like to donate 1hr from their time for an User Study/Research interview on how their

experience getting started with Knative was. These interviews are going to provide feedback that will help improve the User Experience for Knative. Please contact Omer Bensaadon on Slack to schedule a time slot that is most convenient for you.

- Check out the process: <https://imgur.com/BnUqwsK>
- **Demo:** "Taking AI to the Edge " presented by P J Łaszkowicz, Creative Technologist at Omnijar | 30' Abstract: A decade in evolving a large-scale sustainable agriculture project, including distributed machine learning across edge and cloud platforms.
- Close (5')

2020-11-18

9:30 AM - 10:30 AM PST

<https://www.youtube.com/watch?v=-MfyQzFYMFc>

Join with → [Zoom link](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Working groups updates (10')
 - Client WG: Highlights of [0.19.0 release](#):
 - `kn service apply` for declarative and idempotent service management
 - `kn service import` for importing services and targeted revisions (experimental)
 - Serving WG: alpha release of DomainMapping!
 - Please try it and give feedback. `#vanity-domains` on slack
- Demo - "Mink a distribution of Knative and Tekton" Matt Moore, Knative Co-Founder and TOC at VMware. (30')
- Abstract: He will demo what mink is and give a few demos using it to develop a simple event-driven application.
- Close (5')
 - Take the [survey](#)! (it's good karma)
 - [pmorie] join us at openshift commons for knative [office hours](#)

2020-10-28

9:30 AM - 10:30 AM PST

[Youtube video](#)

[Zoom link: https://us02web.zoom.us/j/81280458684](https://us02web.zoom.us/j/81280458684)

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Working groups updates (10')
- Demo - " Building Custom Event Sources for Knative " - Murugappan Chetty,Principal Engineer at Optum (30')
 - Knative provides various options like ContainerSource, Sink Bindings and Sample Source to build your own event source. In this Session Murugappan Chetty of Optum will demo the event sources built using these options for common enterprise use cases.
- Demo discussion, conversation and technical questions (15')
- Close (5')
 - Take the [survey!](#) (it's good karma)

Working group updates

2020-09-17

9:00 AM - 10 AM PST

Video: <https://youtu.be/vOSsHp-6gto>

Agenda

- Welcome! (5')
 - Announce recording of meeting.
 - [Release Announcement v0.17 blog](#) 🚀
- Working groups updates (10')
- Demo - "Cloud Events Orchestration with Knative and Zeebe" - Mauricio Salatino, Principal software engineer at Comunda (30')
- Demo discussion, conversation and technical questions (15')
- Close (5')
 - Take the [survey!](#) (it's good karma)

Working group updates

Documentation (María Cruz)

- We need your help communicating new releases for the Knative project!

- We [added](#) a section to the blogging guidelines that describes what these blogs should look like.
- If you want to volunteer to write the blog for the release coming up on Sept 29, please comment on #docs Slack channel.

HackirDays! (Matt Moore)

- Upcoming HackirDay: tomorrow!
- Come hang out, ask questions, and / or show what you've built with Knative. If you want to host a EU friendly HackirDay, please do!
- [Event link](#)

Governance updates (Evan Anderson)

- Lots of discussion about how community can get more representation in processes like Steering
- Current proposed changes are <https://github.com/knative/community/pull/277>

2020-07-16

Video: [<https://www.youtube.com/watch?v=8oWAUJoYc9dg>]

[Zoom Link](#)

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Short update about public steering meeting (5' - María)
- Working groups updates (10')
- Demo - "Building Cloud Native Apps with Knative and TektonCD" - Carlos Santana, senior technical staff at IBM. (30')
- Demo discussion, conversation and technical questions (15')
- Questions about Open Usage Commons (OUC) organization - Chris DiBona (30')
- Close (5')
 - Take the [survey](#)! (it's good karma)

Working group updates

Eventing

- <https://github.com/knative/eventing/releases/tag/v0.16.1>

Serving

- <https://github.com/knative/serving/releases/tag/v0.16.0>
- Multicontainer

Client

- <https://github.com/knative/client/releases/tag/v0.16.0>

Steering

- Retrospective. Looking at facets of the Functions WG, to improve outcome. What should the scope of the Knative project be? How does a new idea go from being a dream to a reality?
- Ability to take new ideas and bring them to the core.
- Recording of these conversations have been posted on the dev mailing list. Paul will forward them to users mailing list.

- Going forward, they will continue to refine how they characterize the core. Doug can give more details.

Demo

<https://github.com/csantanapr/knative-tekton>

Questions about OUC

- Who actually owns the Istio trademark? Not directly relevant to Knative, but that string is all over the codebase. Could Knative be infringing?
- What's up with LF's stance that "Under US trademark law you are not able to effectively separate ownership of a project mark from control of the underlying open source project."
<https://www.linuxfoundation.org/blog/2020/07/open-source-communities-and-trademarks-a-reprise/>
- is, or why is, trademark an issue suddenly right now versus just open project governance
- Since Knative's not one of the three projects going to OUC, are we talking about this because Google plans it to go there
- Given <https://github.com/knative/community/pull/187/files>, it feels like Google's saying they're ok with the mark ownership being lost due to ambiguous usage. Steering owns all aspects, yet Google owns mark. Steering enforces misuse of the mark. Delegates to others' lawyers who can declare they're ok to use the mark, even against Steering's desires? This is conflicted. Or perhaps not if Steering is a proxy for Google.
- Is Google committed to a Steering which has no single vendor majority?
- Across all of this how could one begin to approach ensuring a technically-conformant and non-mark-infringing downstream implementation derived from an OUC project? Does OUC have a roadmap for how its projects should build that out?

2020-06-19

Video: <https://www.youtube.com/watch?v=4W7wb1hLDcw>

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Working groups updates (10')
- Technical questions to Steering (10')
- Demo - "Image processing pipeline" and "BigQuery Covid19 pipeline", led by Mete Atamel, developer relations at Google. (30')
- Demo discussion / conversation (15'-20')
- Close (5')
 - Take the [survey!](#) (it's good karma)

Working group updates

Autoscaling

If you're an active user of HPA-based Autoscaling using our concurrency and/or request-per-second metrics, please chime in to this thread:

https://groups.google.com/forum/#!topic/knative-users/s3yP_QM6XiE . The feature will be removed shortly if there's no signal of usage (which we haven't gotten so far).

Documentation

We finished the [blogging guidelines](#) ([pr](#)). If you have blogs you'd like to share on knative.dev, please do!

Demos

1. [Image processing pipeline](#)
2. [BigQuery Covid19 pipeline](#)

2020-05-14

Video: <https://youtu.be/24owwOKj86E>

Agenda

- Welcome! (5')
 - Announce recording of meeting.
- Update from the Steering Committee (15')
 - TOC election results (Tomas Isdal)
- Working groups updates (5')
- Demo - “Automating service delivery with bindings” by Evan Anderson, software engineer at VMware (30')
- Demo discussion / conversation (15'-20')
- Close (5')
 - Take the [survey!](#) (it's good karma)

TOC Election results

Nghia Tran (Google) - *new member*

Markus Thömmes (Red Hat) - *new member*

Grant Rodgers (Google) - *new member*

Matt Moore (VMWare) - *existing member*

Evan Anderson (VMWare) - *existing member*

Congratulations to the newly elected members!

TOC members intro

Working group updates

Autoscaling WG

- Big improvements to the autoscaling documentation, both internally and user-facing. Go check them out!
 - **User facing docs:**
<https://knative.dev/development/serving/configuring-autoscaling/>
 - **Technical docs:**
<https://github.com/knative/serving/blob/master/docs/scaling/SYSTEM.md>
- A lot of improvements to the loadbalancing in Knative has landed, vastly improving latency for concurrency-limited revisions. Give HEAD a whirl if you're seeing issues there.

- Speaking of issues: **We need your input!**
 - We're preparing a questionnaire to gather structured feedback regarding the types of workloads you're running and which settings you find yourself tweaking to make autoscaling work in your favor.
 - While we're preparing that (will likely be sent out via the knative-users list), please feel free to give us free-form feedback on anything autoscaling. That can either be Github issues if you're having issues, a thread on knative-users or send it to me privately if you can't share publicly.

Eventing

- Update on Brokers
 - <https://github.com/knative/eventing/issues/3139>

2020-04-16

Video: <https://www.youtube.com/watch?v=k0QJEyV4U-4>

Agenda:

- Welcome! (5')
 - Announce recording of meeting.
- Update from the Steering Committee (5')
 - TOC election announcement (Brenda Chan)
- Working groups updates (15'-20')
 - Eventing (Aleksander Slominski and Davy Odom)
 - Networking (Nghia Tran)
 - Operation (Vincent Hou)
 - Client (Roland Huss)
- Demo - "Tracking the Bitcoin ledger" - by Johana Saladas (IBM) (30')
- Demo discussion / conversation (15'-20')
- Close (5')
 - Take the [survey!](#) (it's good karma)

TOC election

Working Groups updates

Eventing (Aleksander Slominski, Davy Odom)

- We are looking for future maintainers of Nats Streaming in Knative Eventing and sharing current usage - see current plan <https://github.com/knative/eventing-contrib/issues/1130>

Networking (Nghia Tran)

- We've added a more lightweight option for inbound traffic. [Kourier](#) is similar to Gloo, Ambassador, Contour and Istio, but is purpose-built for Knative.
- We've added a lightweight solver for LetsEncrypt HTTP challenges, for users who found certmanager difficult to configure or manage.
- We've added support for Istio Canonical Service, enabling Istio-aware UIs and tools to associate multiple Deployments with a single logical 'Istio Service'.
- Working with the Istio team, we've fixed scale-from-zero to work with Istio mTLS STRICT mode, starting with Istio 1.5.

Operations (Vincent Hou)

- Knative Operators have official installation guide online already: <https://knative.dev/docs/install/knative-with-operators/>
- How to configure your Knative with operator CRs: My PR of how to configure Knative with Operator CRs is under review, and already available for anyone to refer to: <https://github.com/knative/docs/pull/2273>. My wording is not perfect, but this PR includes all the configuration options we can do with Knative Operator.
- Knative Operator will release serving and eventing operators both separately and integrally for 0.14, since we have consolidated all source code of two operators in one. In future, we will have one knative operator responsible for all.
- Target the support of multiple ingresses in 0.15

Client (Roland Huss)

- `kn` supports now nearly all features for managing Knative Serving
 - CRUD operations on Services
 - Traffic Split declarations for custom rollout / rollback strategies
 - Flexible tuning of autoscale parameters
 - Exporting Services (experimental)
- Basic support for Knative Eventing

- Management for builtin Sources: PingSource, ApiServerSource, SinkBinding
- Triggers
- Introduced [knative/client-contrib](#) for supported kn contributions, i.e. kn plugins.
- Installable via [download](#) or with brew `install knative/client/kn` (macOS)
- Any [feedback](#) (especially UX related) is highly appreciated !

Demo

<https://github.com/josiemundi/knative-eventing-blockchain-demo>

<https://github.com/josiemundi/knative-bitcoin-websocket-eventsourc>