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Europe 2022

WELCOME TO VALENCIA

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The Maintainer's Toolkit: Must-know CNCF Resources for Project Owners

TAG Contributor Strategy

Dawn Foster, VMware

Catherine Paganini, Buoyant

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Director of Open Source Community Strategy @ VMware

Co-chair of TAG Contributor Strategy

@geekygirldawn

Catherine Paganini

Head of Marketing & Community @ Buoyant (Linkerd)

Maintainer CNCF Cloud Native Glossary

TAG Contributor Strategy

@CathPaga

Why do we need a toolkit?

We know how to code and develop great docs.

There is so much more to an open source project than code and docs...

There is a LOT to it!

- Mentoring
- Deciding governance
- Ensuring fairness
- Cultivating & promoting leaders
- Cultivating users
- Community Meetings
- Contributor guide
- Marketing your project
- Contributor recruitment

Learn more at **cncf.io/contributor-strategy**

Enter TAG Contributor Strategy

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Tweet or follow us at @geekygirldawn and @CathPaga

Why should you join?

- Connect with CNCF projects to **exchange ideas**
- **Learn** from one another
- Build a **thriving ecosystem** of successful open-source projects

We set out to reform the governance structure for Vitess in late 2021. TAG-Contributor Strategy was of great help to us by steering us towards a standard structure, and reviewing the draft proposal before it was put out for public comment.

Deepthi Sigireddi, Vitesse Project Maintainer

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PromCon North America 2021

How can the TAG Contributor Strategy Help?

- CNCF **Maintainer's Circle**
- Informational and **training** resources
- **Guidance** for maintainers about **how to engage** with contributors

Learn more at **cncf.io/contributor-strategy**

Contribute.cncf.io

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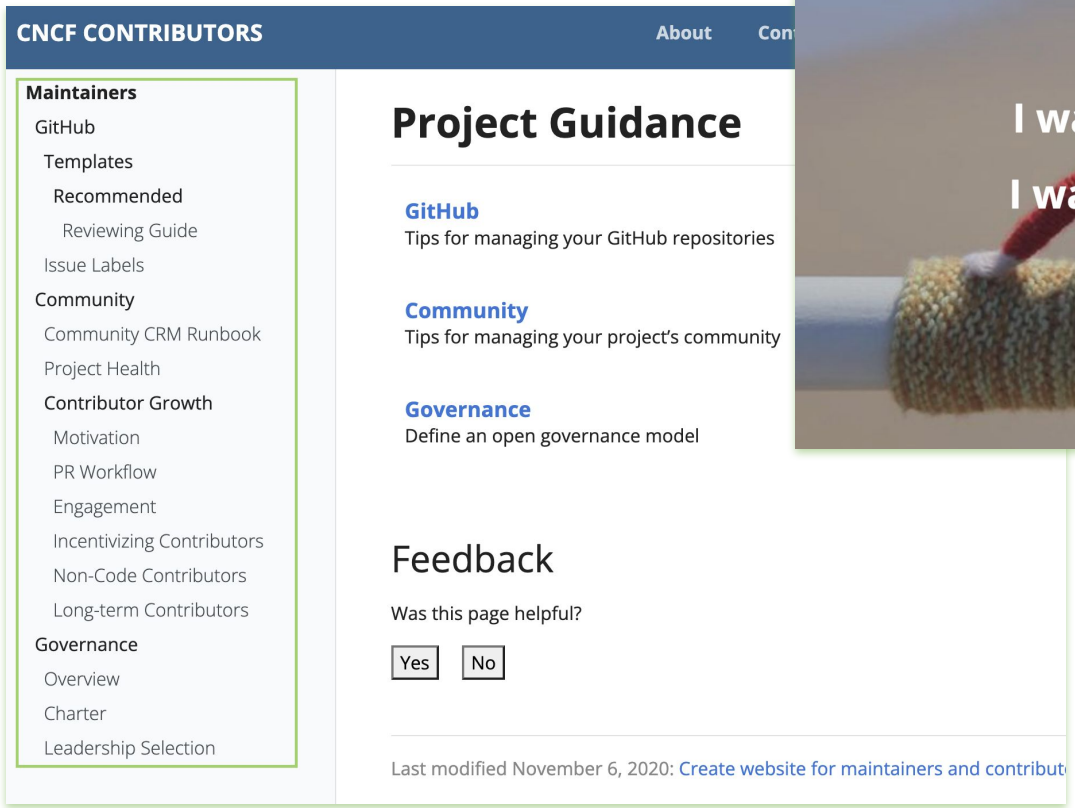

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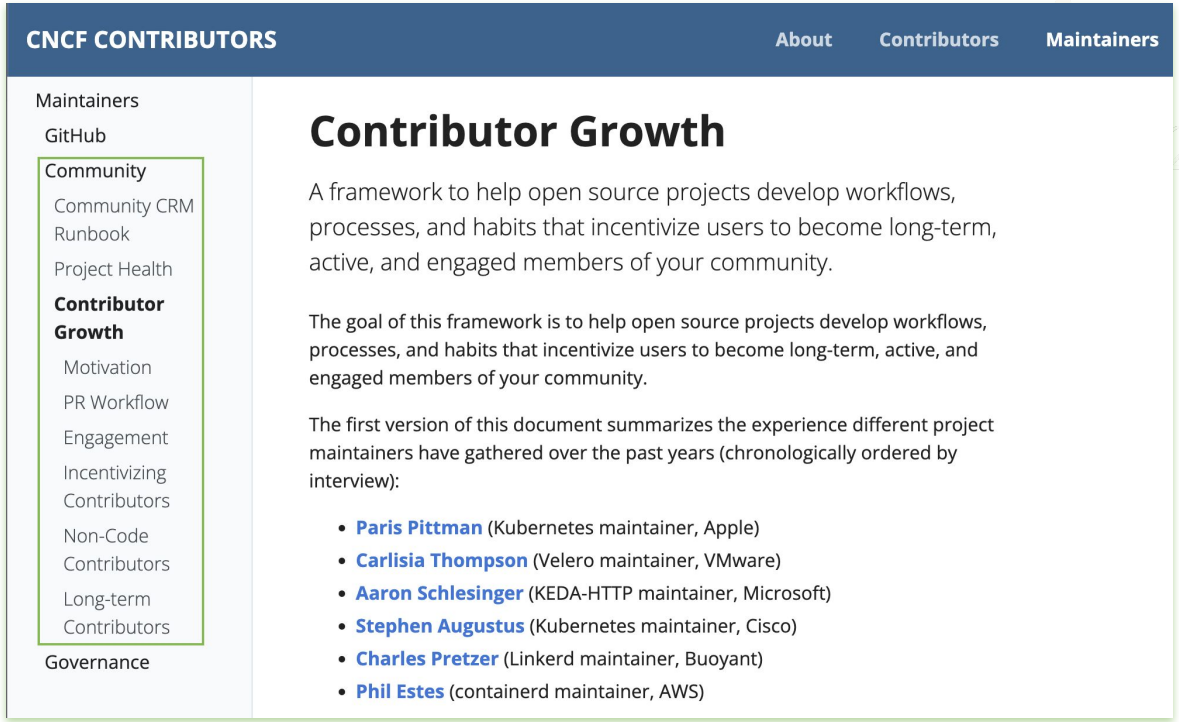
Community | contribute.cncf.io

Community

- Community CRM Runbook
- Project Health
- Contributor Growth Framework



👉 contribute.cncf.io/maintainers/community

Learn more at **cncf.io/contributor-strategy**

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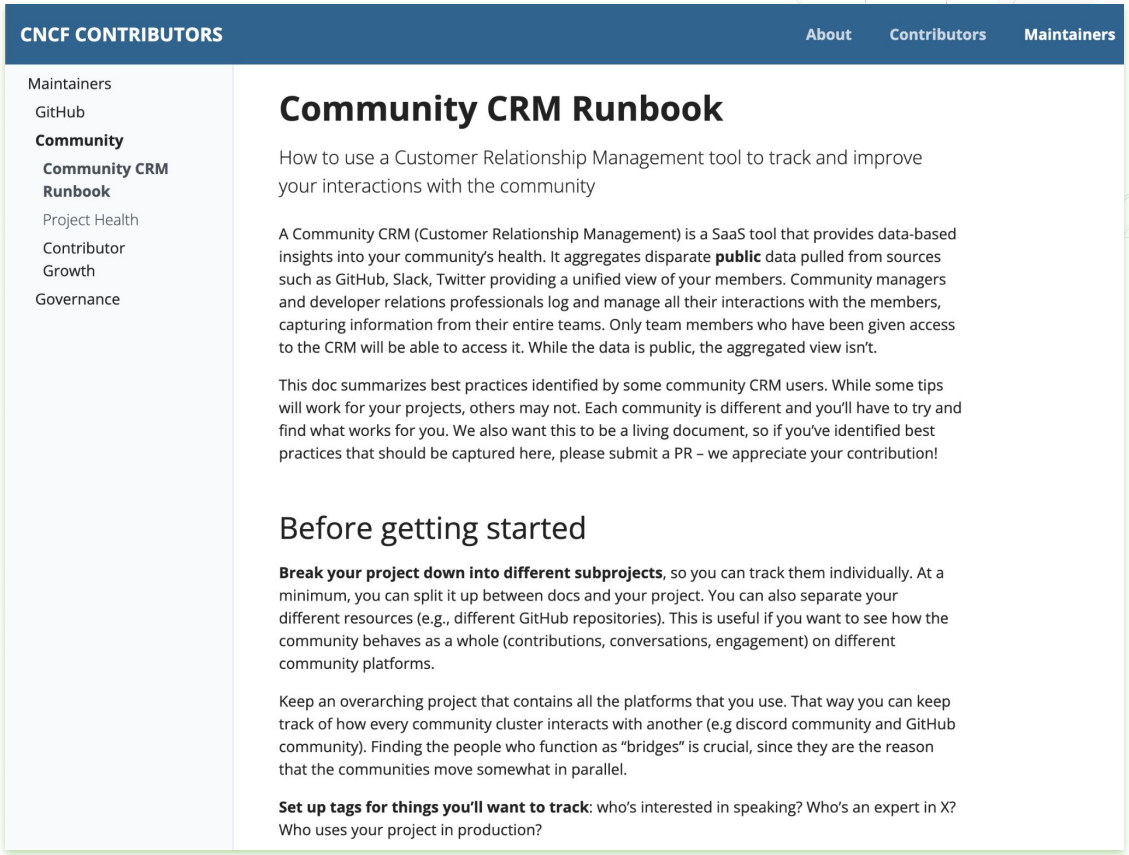
Community CRM Runbook

- What is it?
- How to organize your project
- Keeping track of key community members
- Keeping a history of interactions



👉 **contribute.cncf.io/maintainers/community/crm-runbook**

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Project Health Measurement

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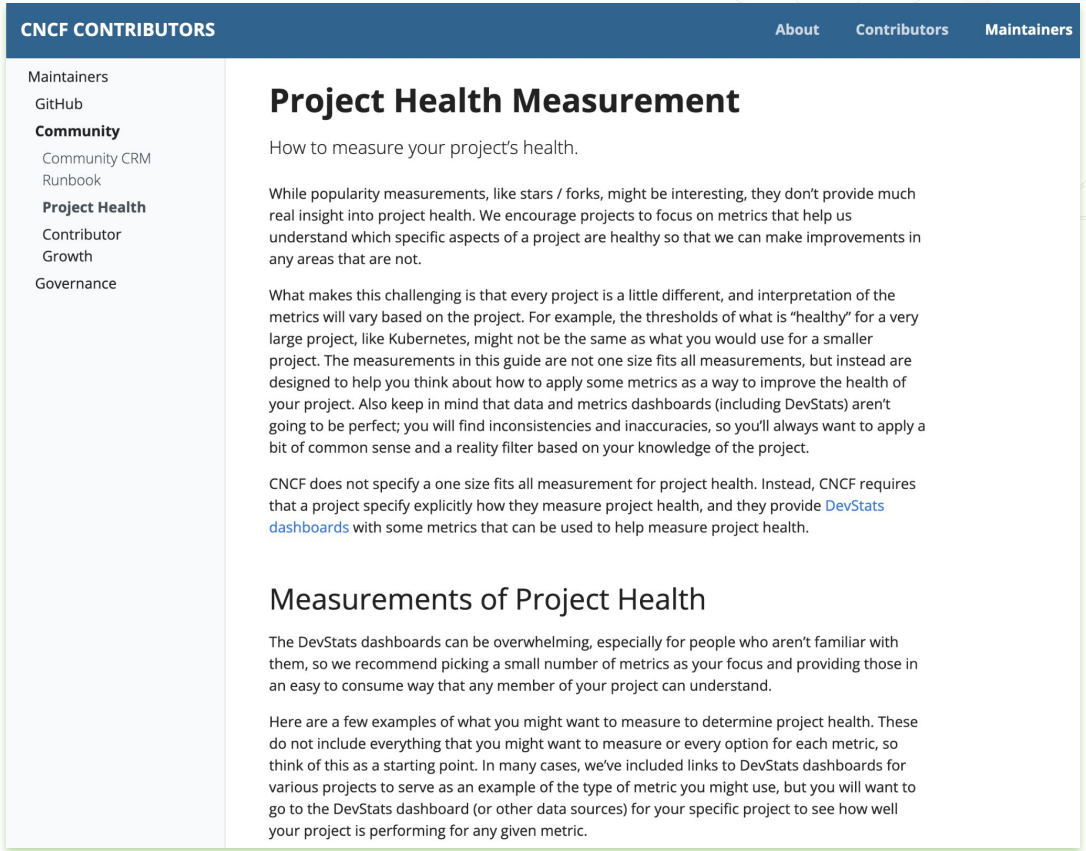
- How does a healthy project look like?
- How do you measure health?
- How does what you do impact health?



CNCF CONTRIBUTORS | About | Contributors | Maintainers

Maintainers
- GitHub
- **Community**
  - Community CRM Runbook
  - **Project Health**
  - Contributor Growth
- Governance

Project Health Measurement

How to measure your project's health.

While popularity measurements, like stars / forks, might be interesting, they don't provide much real insight into project health. We encourage projects to focus on metrics that help us understand which specific aspects of a project are healthy so that we can make improvements in any areas that are not.

What makes this challenging is that every project is a little different, and interpretation of the metrics will vary based on the project. For example, the thresholds of what is "healthy" for a very large project, like Kubernetes, might not be the same as what you would use for a smaller project. The measurements in this guide are not one size fits all measurements, but instead are designed to help you think about how to apply some metrics as a way to improve the health of your project. Also keep in mind that data and metrics dashboards (including DevStats) aren't going to be perfect; you will find inconsistencies and inaccuracies, so you'll always want to apply a bit of common sense and a reality filter based on your knowledge of the project.

CNCF does not specify a one size fits all measurement for project health. Instead, CNCF requires that a project specify explicitly how they measure project health, and they provide DevStats dashboards with some metrics that can be used to help measure project health.

Measurements of Project Health

The DevStats dashboards can be overwhelming, especially for people who aren't familiar with them, so we recommend picking a small number of metrics as your focus and providing those in an easy to consume way that any member of your project can understand.

Here are a few examples of what you might want to measure to determine project health. These do not include everything that you might want to measure or every option for each metric, so think of this as a starting point. In many cases, we've included links to DevStats dashboards for various projects to serve as an example of the type of metric you might use, but you will want to go to the DevStats dashboard (or other data sources) for your specific project to see how well your project is performing for any given metric.

👉 **contribute.cncf.io/maintainers/community/project-health**

Contributor Growth

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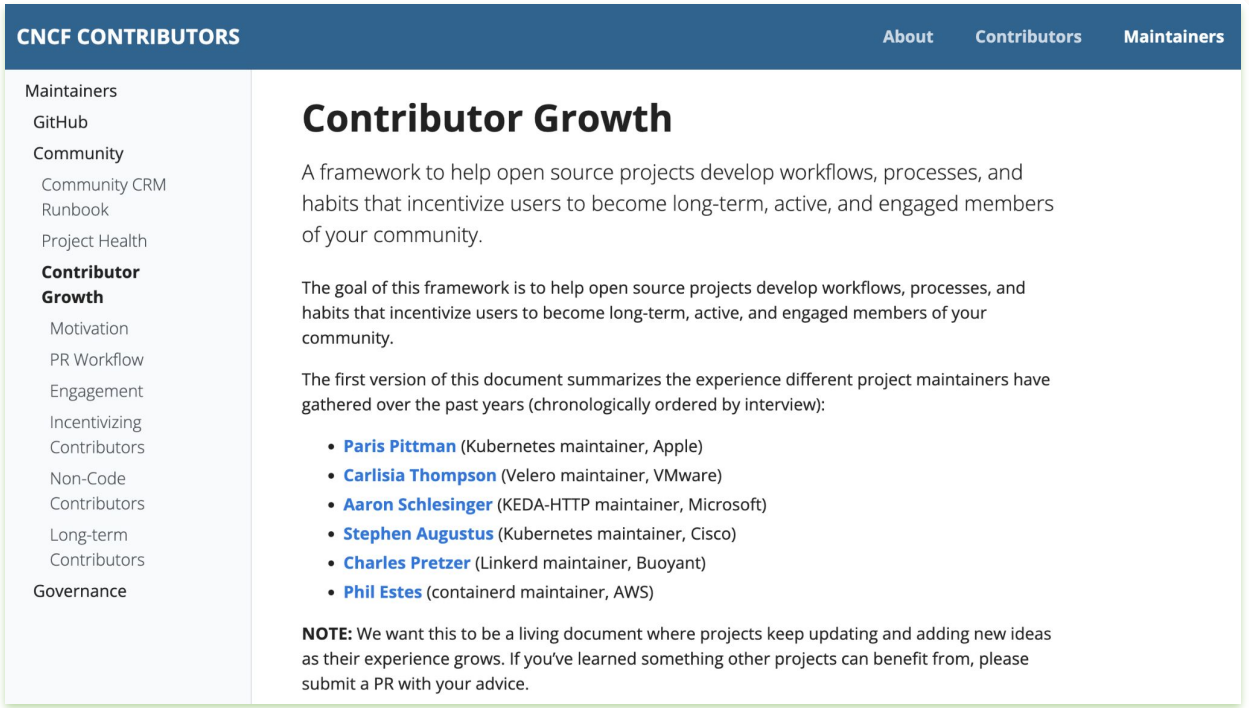
- Tips from project maintainers
- How to motivate contributors
- Incentivize them to do more
- Encourage non-code contributions



👉 **contribute.cncf.io/maintainers/community/contributor-growth-framework**

Contribute.cncf.io: Governance

- Overview
- Charter
- Leadership Selection

👉 contribute.cncf.io/maintainers/governance

Project Templates

Governance:

➔ Maintainer, Election, Subproject

Contributing:

➔ Contributor Ladder, Reviewing

README and More

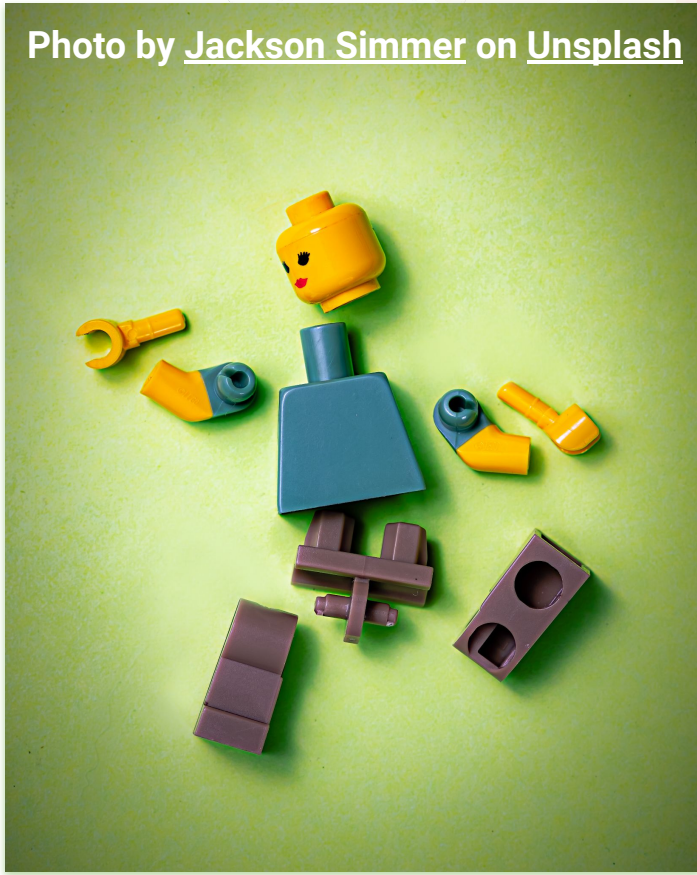


Photo by Jackson Simmer on Unsplash

👉 github.com/cncf/project-template

Maintainers Circle

Connect with your peers
Share best practices
Commiserate
Grow

Photo by Daniel Öberg on Unsplash

👉 contribute.cncf.io/about/maintainers-circle

What if you need a resource that doesn't exist yet?

We'll help you build it

Why build with us?

- ➔ Collaborate with experts
- ➔ Benefit the community
- ➔ Team up with other volunteers

Photo by Alberto G. CC BY 2.0

Let's connect!

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Join our **Slack channel**	#tag-contributor-strategy (CNCF Slack)
Sign up for our **mailing list**	lists.cncf.io/g/cncf-tag-contributor-strategy
Drop into our **meetings**	Search for Contributor Strategy cncf.io/calendar
Participate in **Maintainer Circle** meetings	#maintainer-circle on the CNCF Slack

You can find all info here
cncf.io/contributor-strategy

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Help us get the word out!

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HOW? Sharing our blog that summarizes what you've heard today: **cncf.io/contributor-strategy**

Our group is still new, and not enough projects know about us — thanks for your support!

Thank You and Discussion Time!

PromCon North America 2021

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Please reach out if you have any questions!