

— DO'S AND DONT'S OF —

# OPEN SOURCE

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@jonobacon

mojaloop

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```
filter: grayscale(100%);  
color: #777;  
}  
header #main-navigation ul li span: hover {  
    border-radius: 5px;  
    border: 1px solid #444;  
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                0px 0px 1px rgba(0, 0, 0, 0.5);  
    -webkit-box-shadow: 0px 0px 1px rgba(0, 0, 0, 0.5),  
                        0px 0px 2px rgba(0, 0, 0, 0.5),  
                        0px 0px 1px rgba(0, 0, 0, 0.5);  
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                    0px 0px 1px rgba(0, 0, 0, 0.5);  
    background-color: #F9F9F9;  
    color: #444;  
}  
header #main-navigation ul li.active span {  
    color: #b90000;  
}  
header #main-navigation ul li span.dashboard {  
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    background-size: 100%;  
    width: 100%;  
    height: 100%;  
    border-radius: 5px;  
    border: 1px solid #444;  
    box-shadow: 0px 0px 1px rgba(0, 0, 0, 0.5),  
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                    0px 0px 1px rgba(0, 0, 0, 0.5);  
    background-color: #F5F5F5; /* Fallback for non-supported browsers */  
    background-color: #E6E6E6; /* Fallback for older versions of IE */  
    color: #444;  
}  
header #main-navigation ul li span.dashboard {  
    background: url('../img/dashboard.png') no-repeat center center;  
    background-size: 100%;  
    width: 100%;  
    height: 100%;  
    border-radius: 5px;  
    border: 1px solid #444;  
    box-shadow: 0px 0px 1px rgba(0, 0, 0, 0.5),  
                0px 0px 2px rgba(0, 0, 0, 0.5),  
                0px 0px 1px rgba(0, 0, 0, 0.5);  
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                        0px 0px 2px rgba(0, 0, 0, 0.5),  
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    -moz-box-shadow: 0px 0px 1px rgba(0, 0, 0, 0.5),  
                    0px 0px 2px rgba(0, 0, 0, 0.5),  
                    0px 0px 1px rgba(0, 0, 0, 0.5);  
    background-color: #F5F5F5; /* Fallback for non-supported browsers */  
    background-color: #E6E6E6; /* Fallback for older versions of IE */  
    color: #444;
```

culture.

mojaloop

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JONO  
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CONSULTING

**PREPARED FOR**  
Mojaloop Project

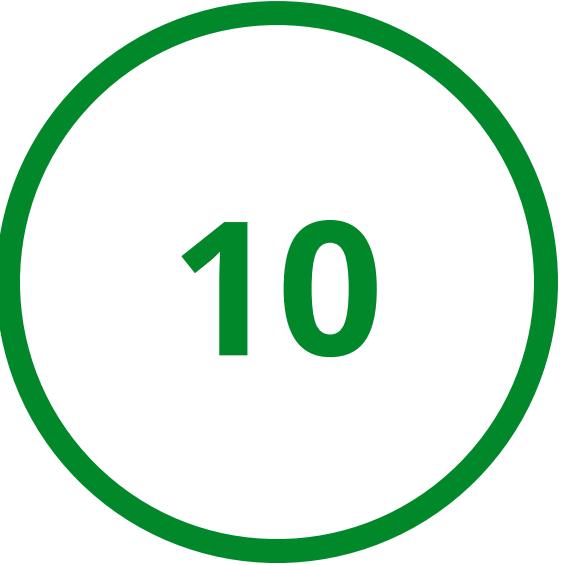
# mojaloop

## COMMUNITY RECOMMENDATIONS

This document provides a series of recommendations for optimizations to the overall Mojaloop project.

mojaloop

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RECOMMENDATIONS



PITFALLS

• RECOMMENDATION •



# Default to Open

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Releases  
Code  
Issues  
Communication  
Governance (mostly)

# Kubernetes 1.16: Custom Resources, Overhauled Metrics, and Volume Extensions

Wednesday, September 18, 2019

## Kubernetes 1.16: Custom Resources, Overhauled Metrics, and Volume Extensions

Authors: Kubernetes 1.16 Release Team

We're pleased to announce the delivery of Kubernetes 1.16, our third release of 2019! Kubernetes 1.16 consists of 31 enhancements: 8 enhancements moving to stable, 8 enhancements in beta, and 15 enhancements in alpha.

## Major Themes

### Custom resources

CRDs are in widespread use as a Kubernetes extensibility mechanism and have been available in beta since the 1.7 release. The 1.16 release marks the graduation of CRDs to general availability (GA).

### Overhauled metrics

Kubernetes has previously made extensive use of a global metrics registry to register metrics to be exposed. By implementing a metrics registry, metrics are registered in more transparent means. Previously, Kubernetes metrics have been excluded from any kind of stability requirements.

### Volume Extension

There are quite a few enhancements in this release that pertain to volumes and volume modifications. Volume resizing support in CSI specs is moving to beta which allows for any CSI spec volume plugin to be resizable.

## Significant Changes to the Kubernetes API

As the Kubernetes API has evolved, we have promoted some API resources to *stable*, others have been reorganized to different groups. We deprecate older versions of a resource and make newer versions available in accordance with the [API versioning policy](#).

An example of this is the `Deployment` resource. This was introduced under the `extensions/v1beta1` group in 1.6 and as the project changed has been promoted to `extensions/v1beta2`, `apps/v1beta2` and finally promoted to `stable` and moved to `apps/v1` in 1.9.

It's important to note that until this release the project has not stopped serving any of the previous versions of any of the deprecated resources.

With the Kubernetes API have not been required to move to the new version of any of the deprecated API objects.

To the API server and specify `extensions/v1beta1` as the API group it will be rejected with:

```
: deployment": no matches for kind "Deployment" in version "extensions/v1beta1"
```



RSS Feed



Submit a Post



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on GitHub



#kubernetes-users



Overflow



Forum



Kubernetes

2020

[KubelInvaders - Gamified Chaos Engineering Tool for Kubernetes](#) Jan 22

[Reviewing 2019 in Docs](#) Jan 21

[CSI Ephemeral Inline Volumes](#) Jan 21

[Kubernetes on MIPS](#) Jan 15

[Announcing the Kubernetes bug bounty program](#) Jan 14

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# Set Clear Expectations

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Purpose and Meaning  
Participation  
Good Contributions  
Conduct

Inviting interested developers, implementers, digital financial services providers, and other members of the financial services community to attend the Mojaloop Community Meeting on January 28-30 2020 in Johannesburg, South Africa.

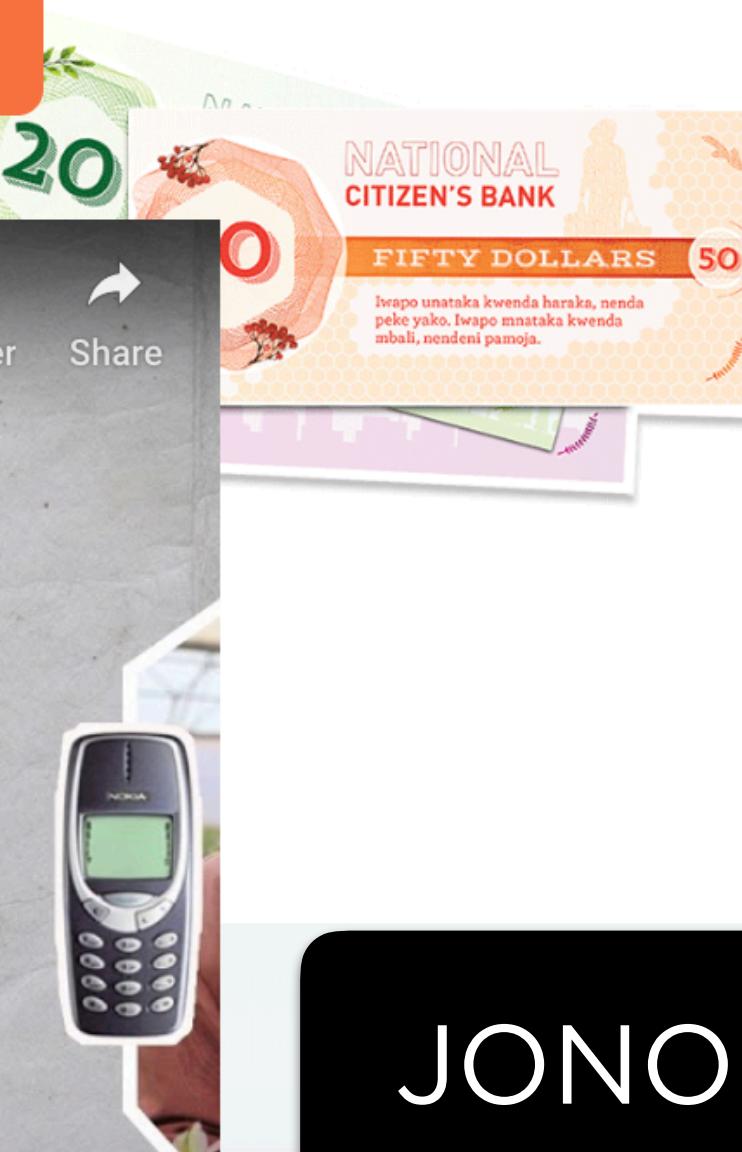
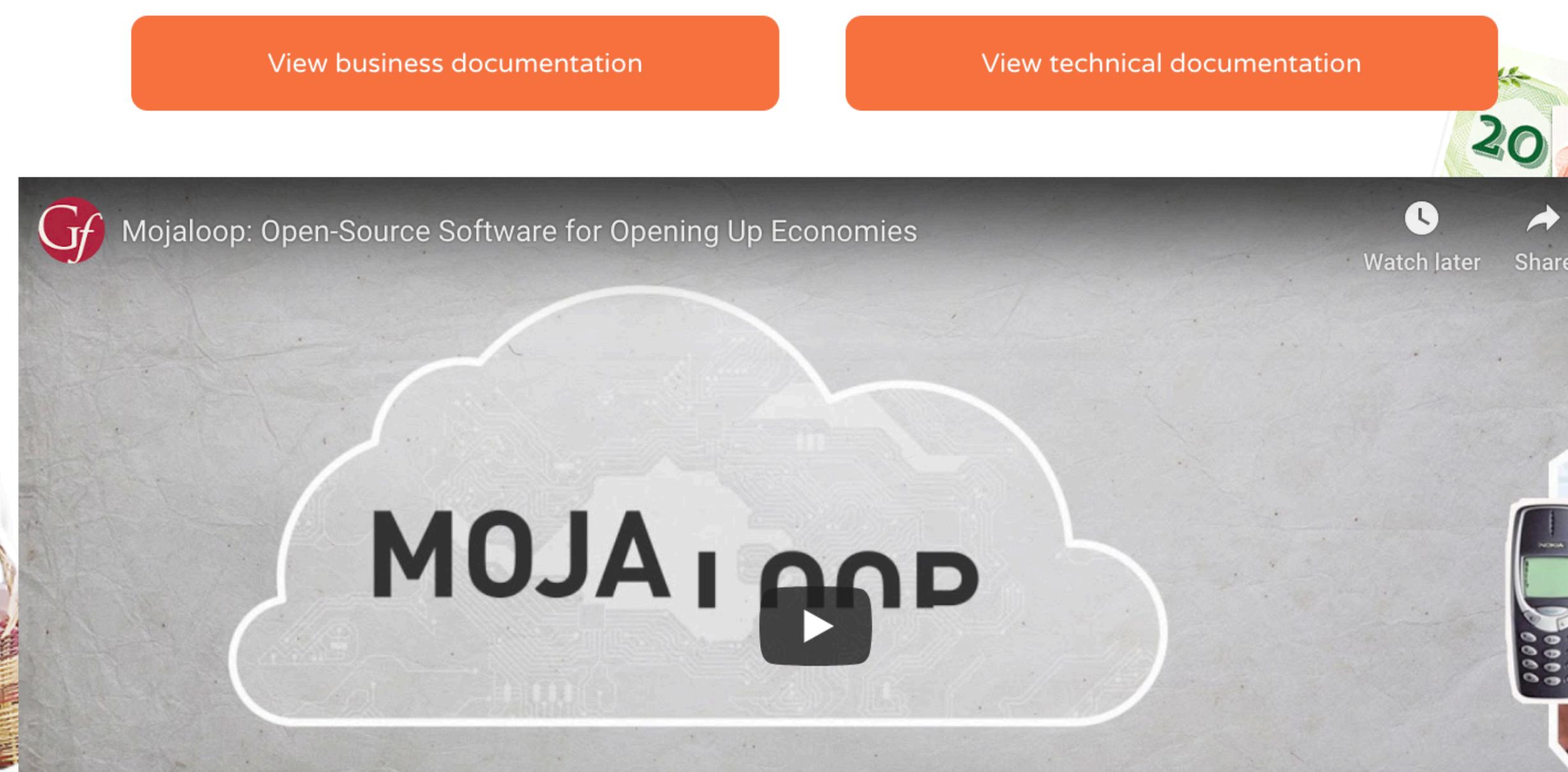
Please note that you are responsible for securing your accommodation, and making your reservation at the Hyatt Regency Johannesburg or a neighboring hotel is highly encouraged. If you are interested in participating, please contact: [Kim Walters](#) or [Paula Hunter](#).

# mojaloop

Mojaloop is open-source software for financial services companies, government regulators, and others taking on the challenges of interoperability and financial inclusion.

[View business documentation](#)

[View technical documentation](#)



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## Our Principles

These principles act as tools. Tools for thinking, for communication, and for decentralized decision making. They keep us honest about where we are failing short of our vision.

### I Liberty

We believe in the sovereignty of individuals. As a platform that stands for the cause of personal liberty, we aim to maximize social, political, and economic freedoms. This includes being coercion-resistant.

### II Censorship Resistance

We enable free flow of information. No content is under surveillance. We abide by the cryptoeconomic design principle of censorship resistance. Even stronger, Status is an agnostic platform for information.

### III Security

We don't compromise on security when building features. We use state-of-the-art technologies, and research new security methods and technologies to make strong security guarantees.

### IV Privacy

Privacy is the power to selectively reveal oneself to the world. For us, it's essential to protect privacy in both communications and transactions, as well as being a pseudo-anonymous platform. Additionally, we strive to provide the right of total anonymity.

### V Transparency

We strive for complete openness and symmetry of information within the organization, and have no border between our core contributors and our

### VI Openness

The software we create is a public good. It is made available via a free open source license, for anyone to share, modify and benefit from. We

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3

# Operate Open & Asynchronously

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Responsive open code review  
Issue triage and response  
Clear communication channels  
Open governance and reporting

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# A Clear Developer Model

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Design for Inner and Outer developers

Produce clear, measurable developer on-ramps

Automated testing and deployment

Simple, communication channels

Measure developer engagement and learn

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# Simple On-Boarding

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Intentional developer on-ramps

Logical issue labels

Range of good-first-issue issues.

Clear validation of first pull request submission/merging

# Mojaloop Onboarding Information

## Mojaloop Deployment and Setup Guide

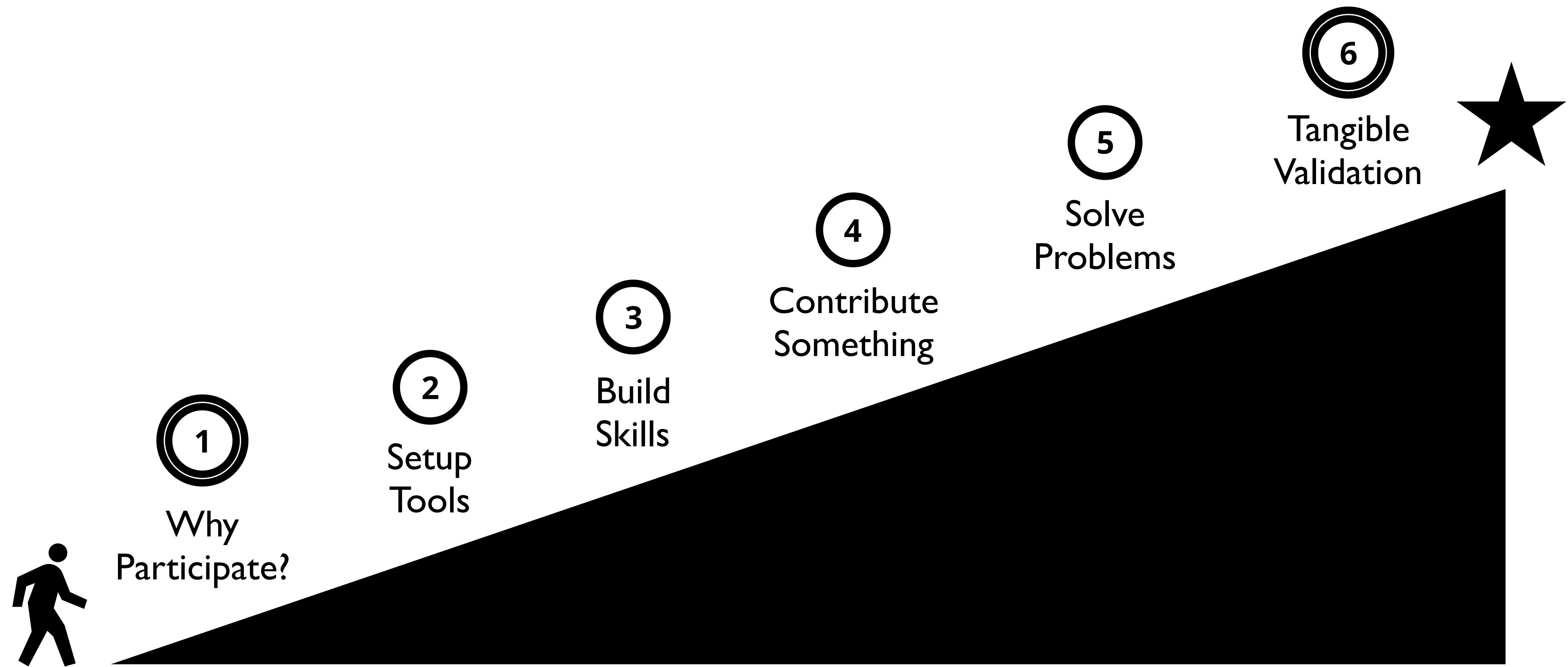
- [Deployment and Setup PDF](#)

## Documentation

- The [Structure of the Documentation](#)
- [Documentation Style Guide](#)
- The [Readme Template](#) for all documentation
- [Documentation and Template Standards](#)

## Tool and Design Choices

- [Tool and Technology Choices](#)
- [Mojaloop Design Decisions](#)



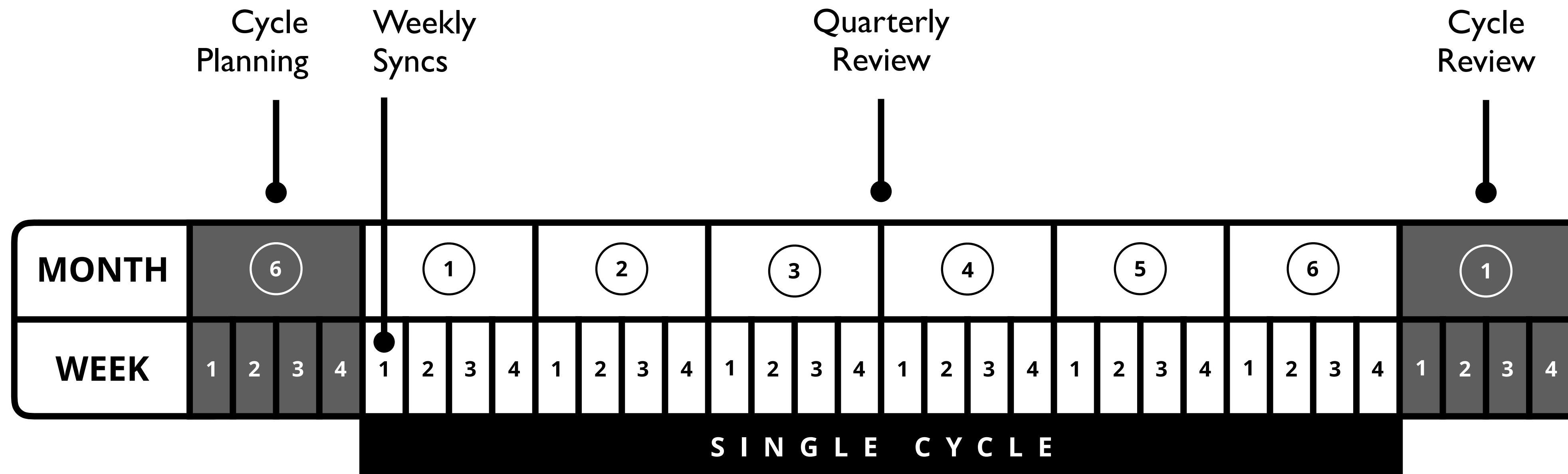
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# Regularly Review Community Processes

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- Regular cadence review
- Open feedback / improvements process
- Be permissive
- Failure should be embraced



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# Connected Metrics, Rewards & Mentoring

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- Focus on a small set of critical metrics
- Define what “quality” participation means
- Create intrinsic and extrinsic rewards
- Run a mentoring initiative focused on developers

[Code](#)[Issues 4](#)[Pull requests 15](#)[Projects 0](#)[Wiki](#)[Security](#)[Insights](#)[Pulse](#)[Contributors](#)[Commits](#)[Code frequency](#)[Dependency graph](#)[Network](#)[Forks](#)

## Oct 29, 2017 – Jan 25, 2020

[Contributions: Commits ▾](#)

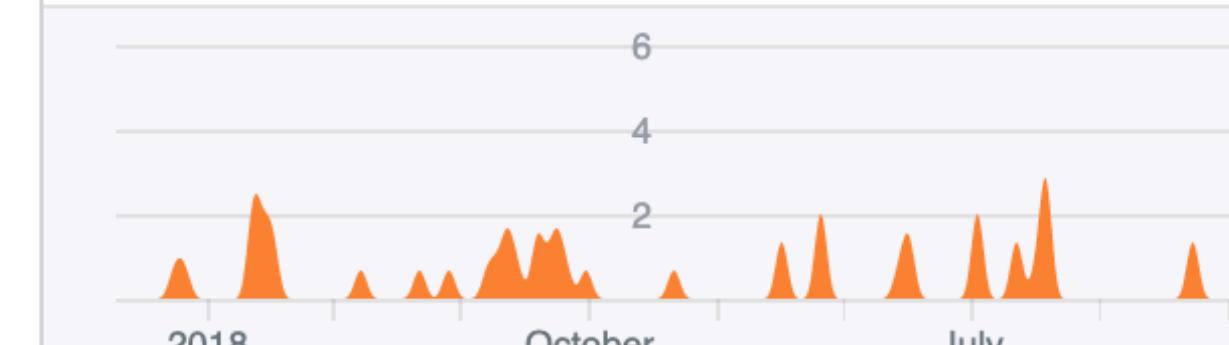
Contributions to master, excluding merge commits

**ggrg**75 commits 63,432 ++ 38,599 --

#1

**mdebarros**45 commits 23,403 ++ 6,402 --

#2

**rmothilal**25 commits 26,659 ++ 23,796 --

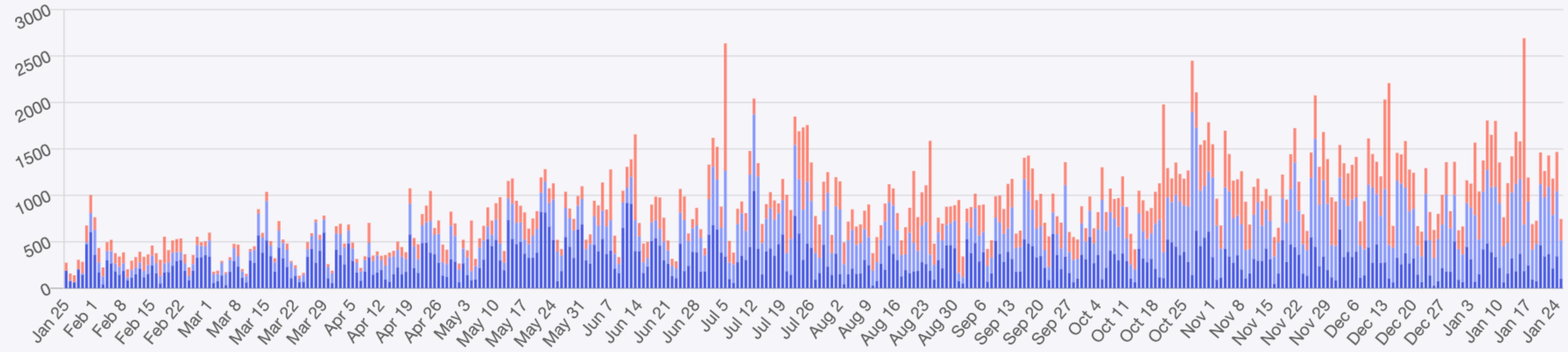
#3

**shashi165**23 commits 12,912 ++ 6,237 --

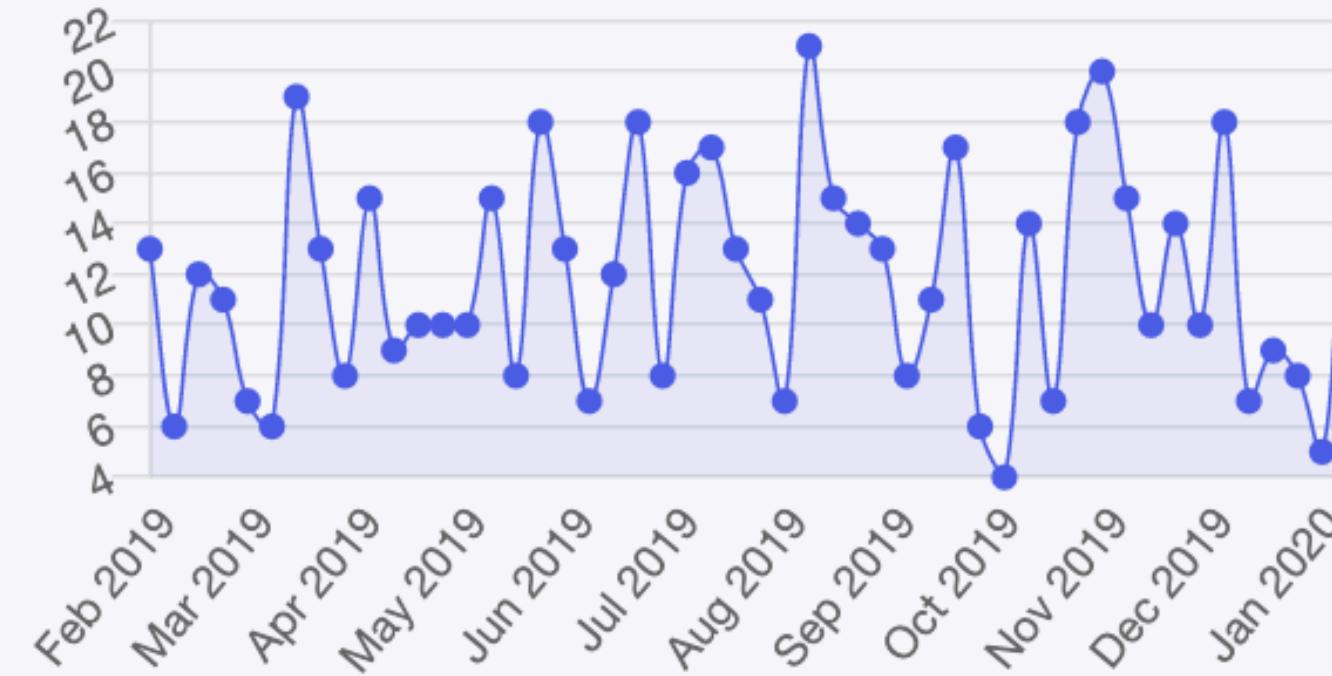
#4



## Consolidated Pageviews ?



## Signups ?



## Topics ?



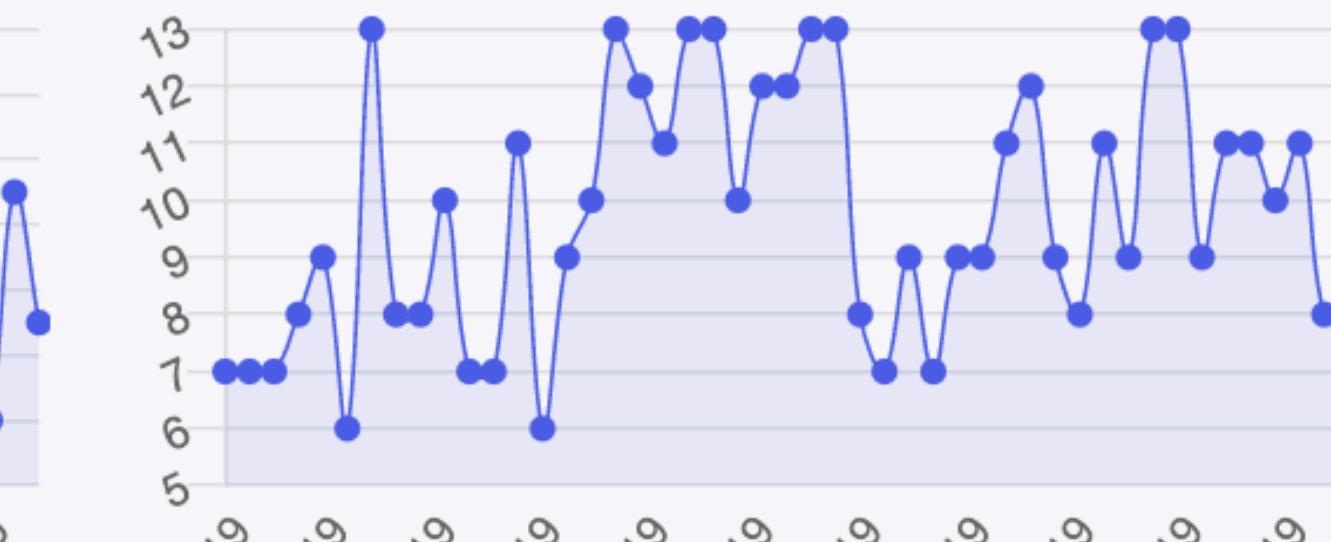
## Posts ?



## DAU/MAU ?



## Daily Engaged Users ?



## New Contributors ?



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8

# Have Regular In-Person Meetings

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Convenings  
Regional Meetups  
Hack Weeks  
Hackathons

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9

# Engage in “Extreme Clarity”

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Project changes and policies  
Progress and reporting  
Code  
Communication  
Failures

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# Trust is Earned. Earn it.

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Practice empathy  
Equality, irrespective of employer or background  
Be collaborative  
Provide support  
Offer opportunities

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# Private Development & Code Dumps

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Communication  
Private Branches  
Integrations  
Open Source Code Dumps

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# Community vs. Company Divides

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“They just don’t get it!”

“They have an unrealistic view of the world!”

“They are constantly complaining!”

“Just ignore it, it will be go away.”

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3

# Excessive Governance and Bureaucracy

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- Creating governance bodies without a clear need
- Unclear codification and bylaws
- Unnecessary approvals
- Lack of conflict resolution process

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# Unequal Collaboration

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Engineering  
Decision Making  
Event Participation  
Networking

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# Metrics

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Ignoring metrics

Trying to track “all the things”

Focusing on numbers and not outcomes

Vanity numbers

# Q&A

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