

“

Typically, this has involved helping large companies make the transition to open source but we've also worked with companies on what we call "**inner sourcing**" -- that is, helping them to **use open source development techniques within the corporation**, or with a cluster of key customers -- even if they aren't ready to take the step all the way to releasing their software as a public open source project.

”

Tim O'Reilly (2000)

InnerSource

“ é o uso das melhores **práticas de desenvolvimento** e o estabelecimento de uma **cultura** semelhante ao **OpenSource** dentro das organizações para o desenvolvimento de software de código não aberto e/ou proprietário.

”

Alan Braz (2022)



Piggybacking InnerSource on to Agile and DevOps



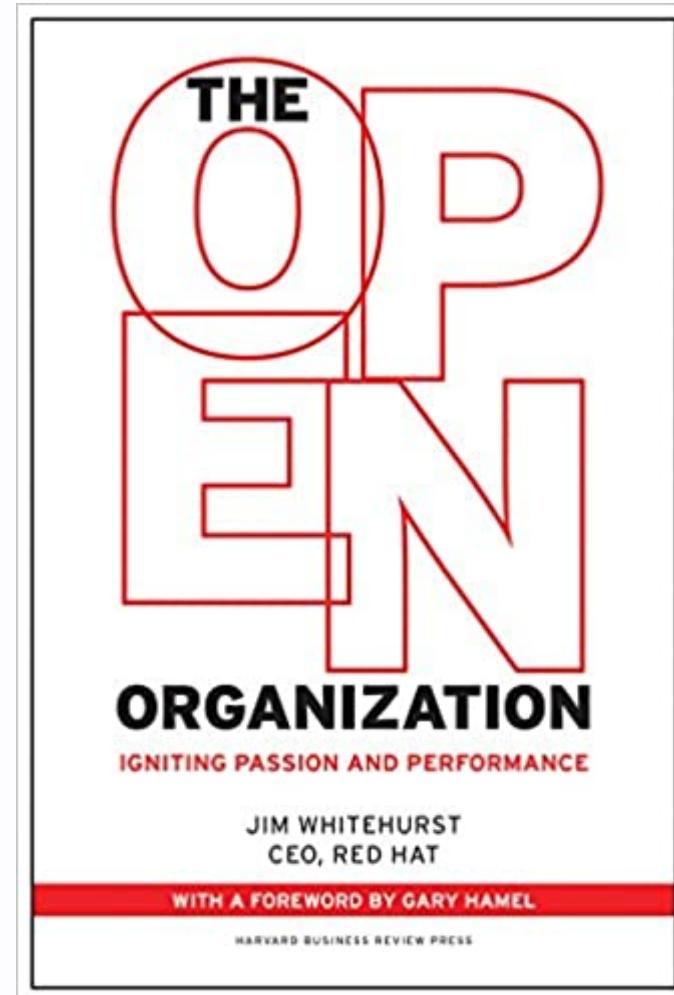
Mishari Muqbil (Zymple) - IS Summit 21 Part 2

The Open Organization

Igniting Passion and Performance

Jim Whitehurst

ex-CIO Red Hat, ex-presidente IBM



Alan Braz, Research Software Engineer at IBM

alanbraz.com.br



OpenSource

- Código-livre?
- Repositório público?
- Fork, code, commit, push, PR, merge
- Comunidade!
 - opensource.guide
 - opensource.org
 - www.ibm.com/opensource



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Pull requests Issues Marketplace Explore



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Pulse

Contributors

Community

Community Standards

Traffic

Commits

Code frequency

Dependency graph

Network

Forks

Community Standards

Here's how this project compares to [recommended community standards](#).

Checklist

Description

README

 Code of conduct [Add](#) Contributing [Writing contributing guidelines](#) [Add](#)

License

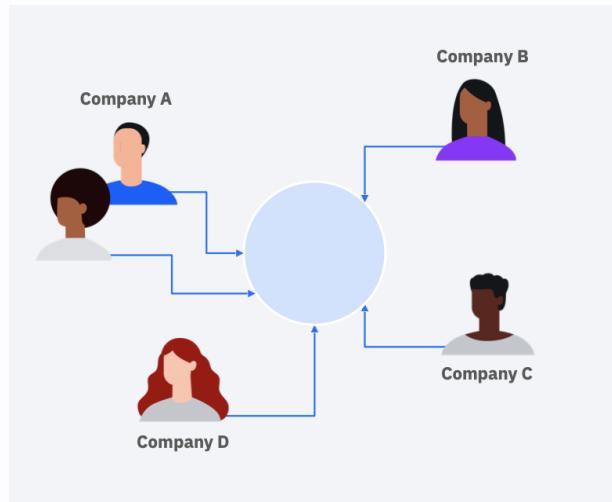
 Issue templates [Add](#)

Pull request template

 Repository admins accept content reports [Enable](#)

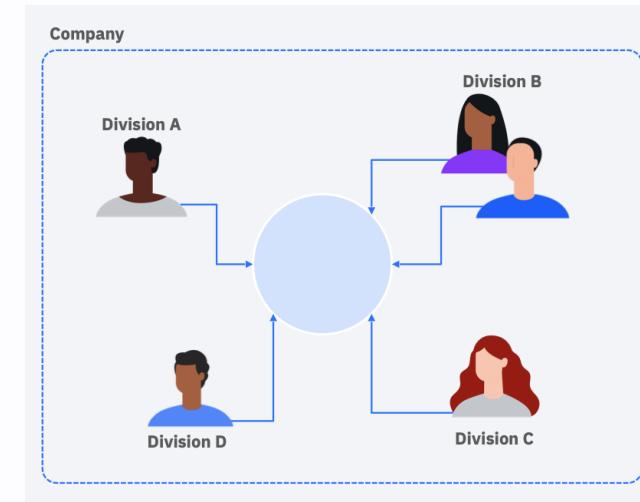
OpenSource

Múltiplas empresas contribuem para o bem da comunidade



InnerSource

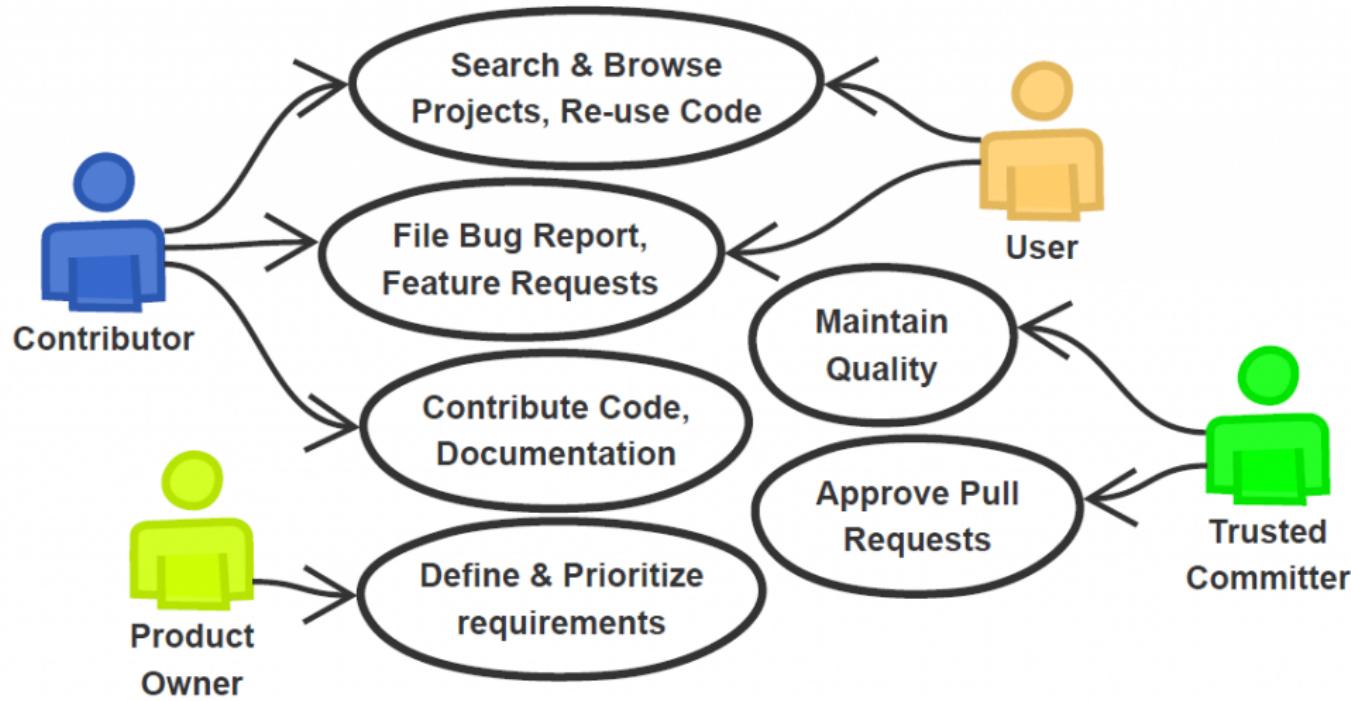
Times ou divisões contribuem para o bem da empresa



Author, Owner, **Maintainers/Committer**,
Contributors, Community Members

Product Owner, Trusted Committer,
Contributors/Guests, Users

Papéis



fonte: noise.getoto.net/tag/innersource

Vantagens

- + Qualidade, Colaboração, Reuso
 - Gargálos, Silos, Frustração
- = Inovação!
- = Atração de novas gerações

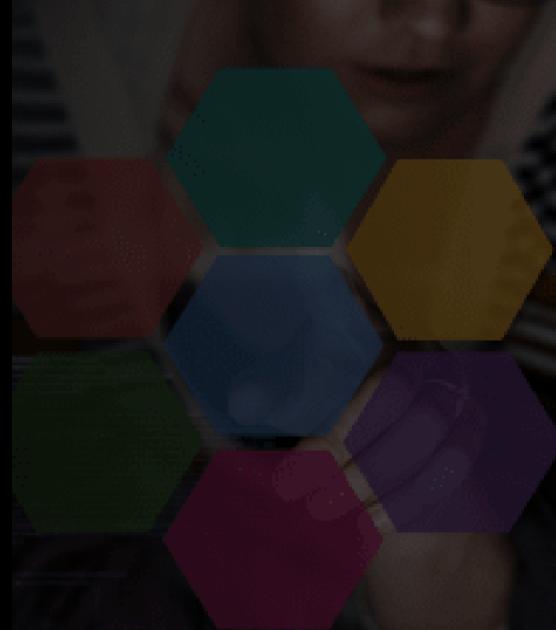
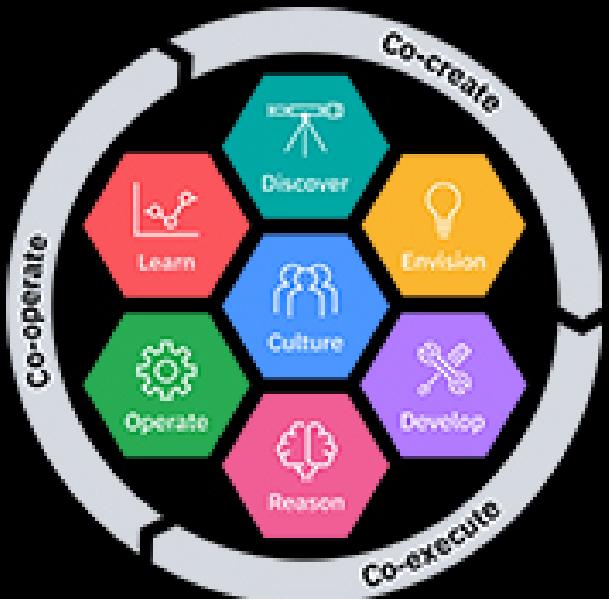
Desafios

- Ferramentas - GitHub, GitLab...
- Automação - CI/CD, testes
- Transparência - descoberta, acesso
- Comunicação - documentação, feedback
- Vergonha - pressão social, qualidade
- Propriedade intelectual - especial
- Contrato com cliente

<https://resources.github.com/innersource/fundamentals/>

InnerSource@IBM

Social Coding - IBM Garage Methodology



“ As equipes podem contribuir para projetos além de seu escopo e os desenvolvedores podem colaborar para construir e melhorar o código do software.
[practice_social_coding tool_github](#)

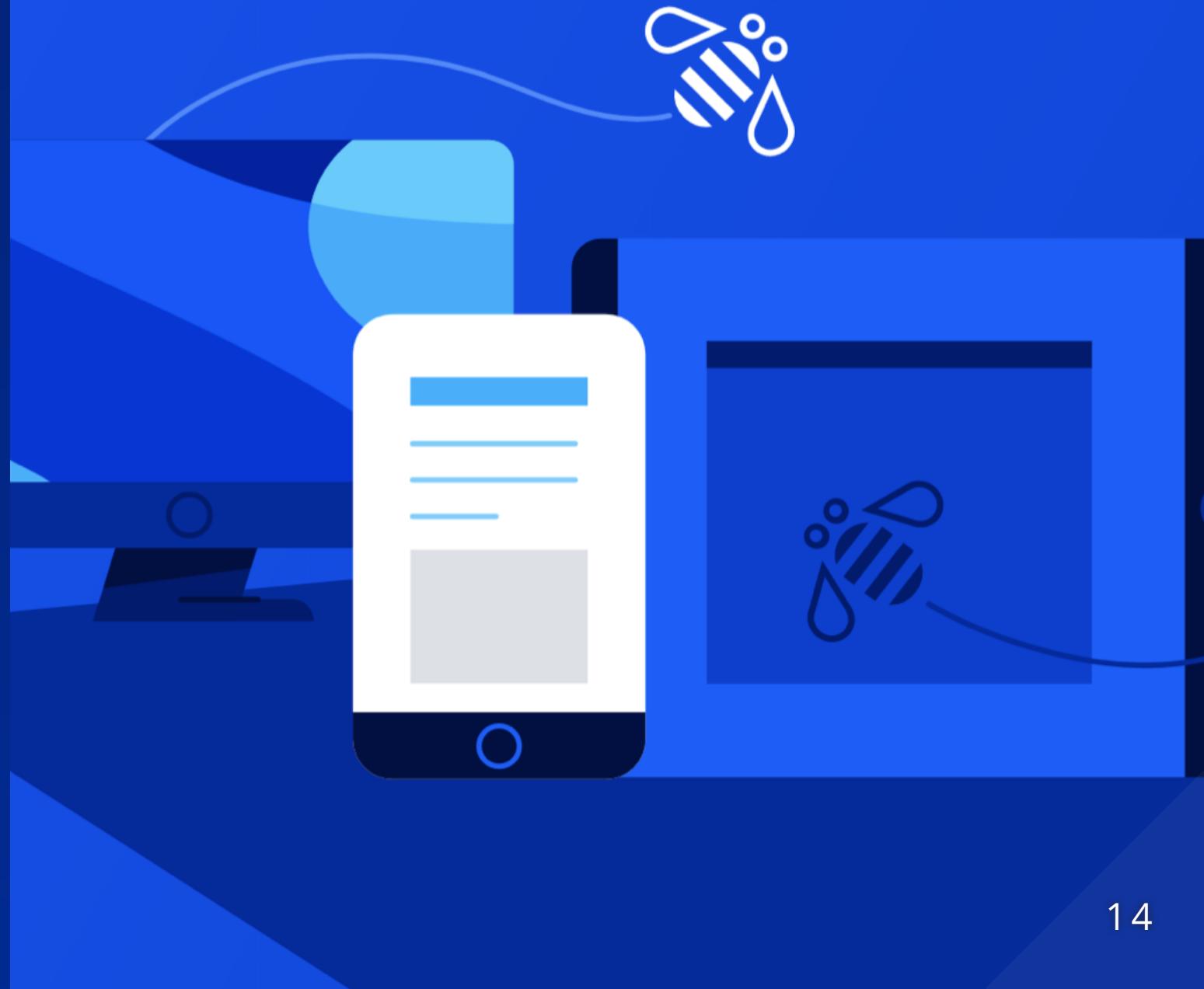
Birth of InnerSource at IBM



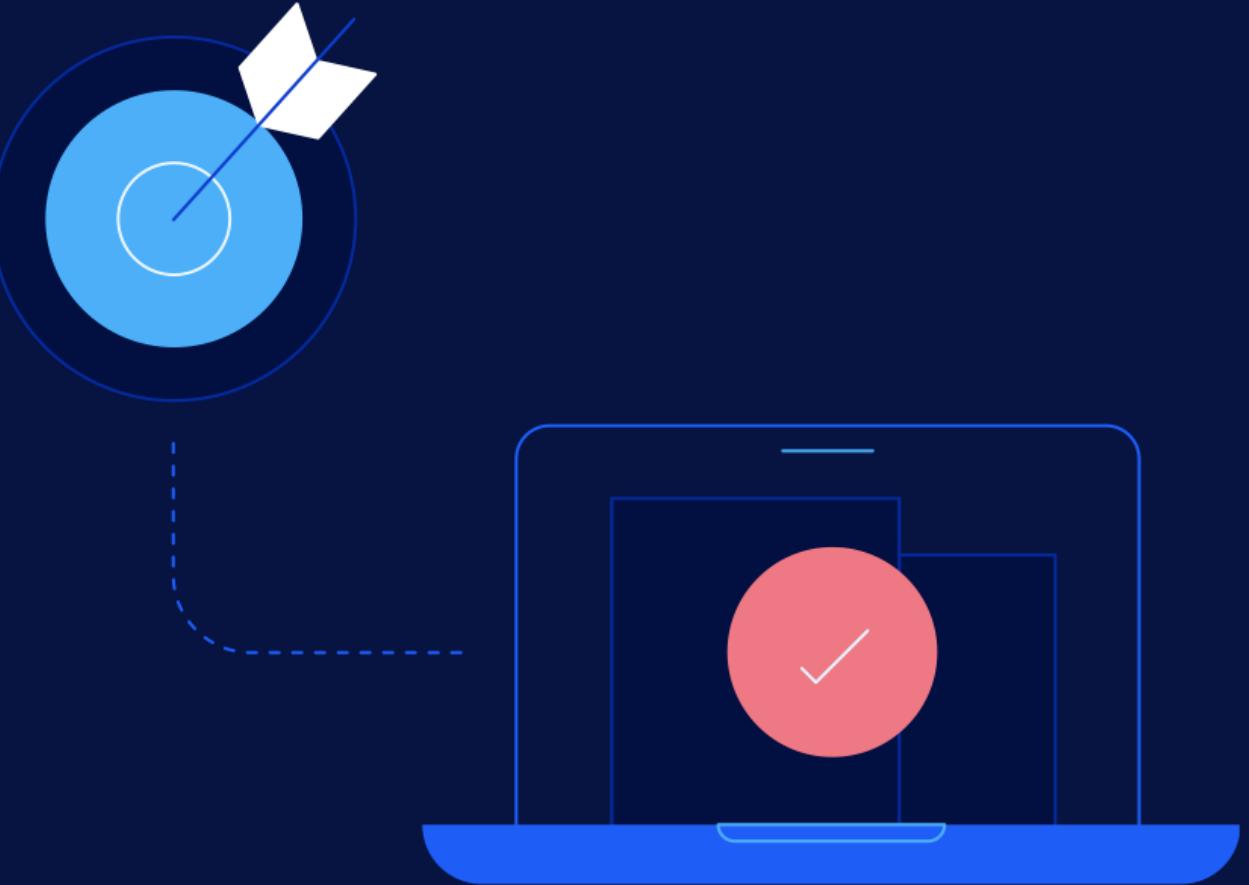
Olivia Buzek (IBM) - IS Summit 21 Part 1

InnerSource a an Experience

- IaaE é uma abordagem sistemática de **reuso** através da adoção de ferramentas e práticas padronizadas com o objetivo de maximizar o impacto otimizando a **colaboração** e co-desenvolvimento da Comunidade.



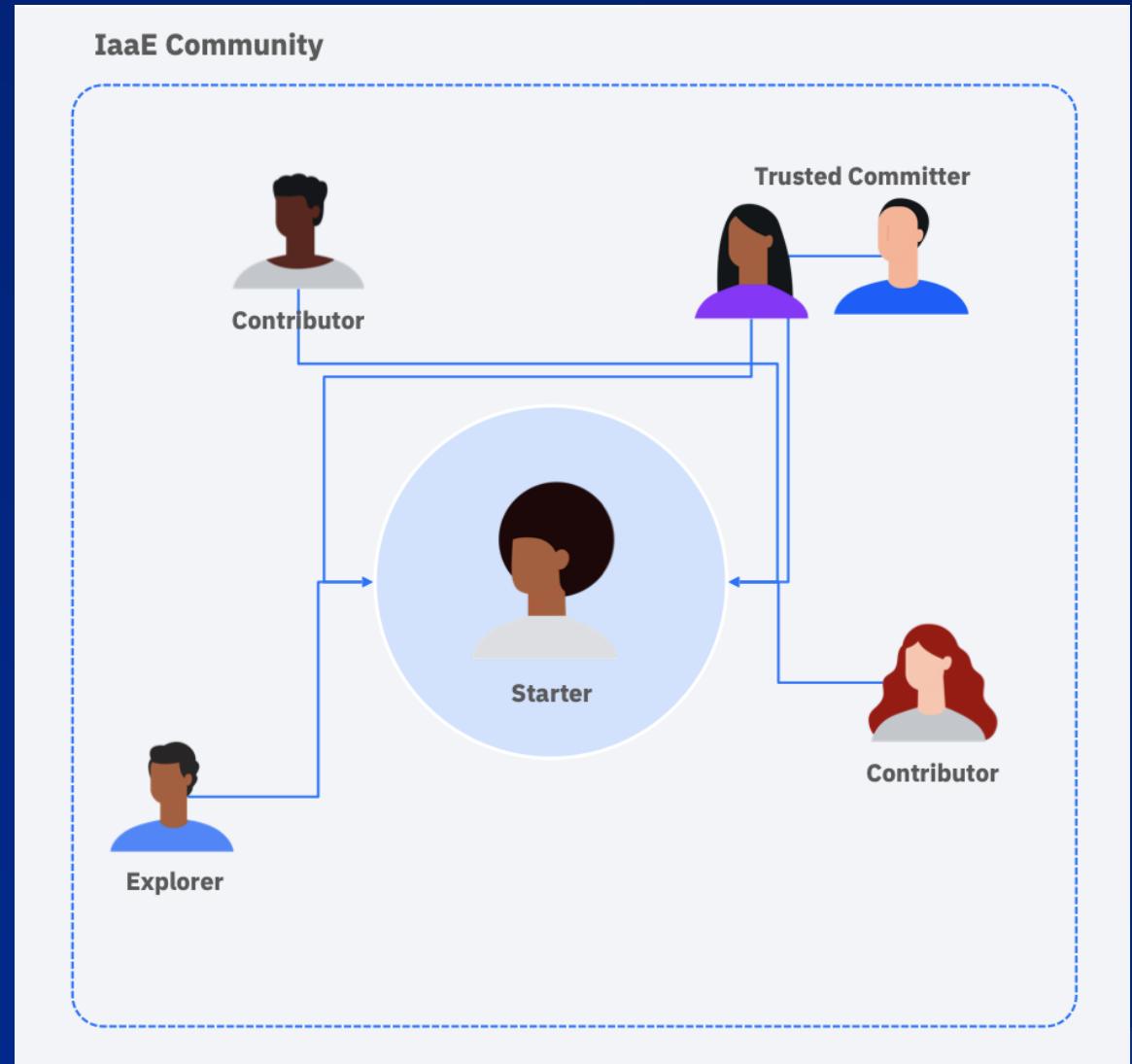
Princípios

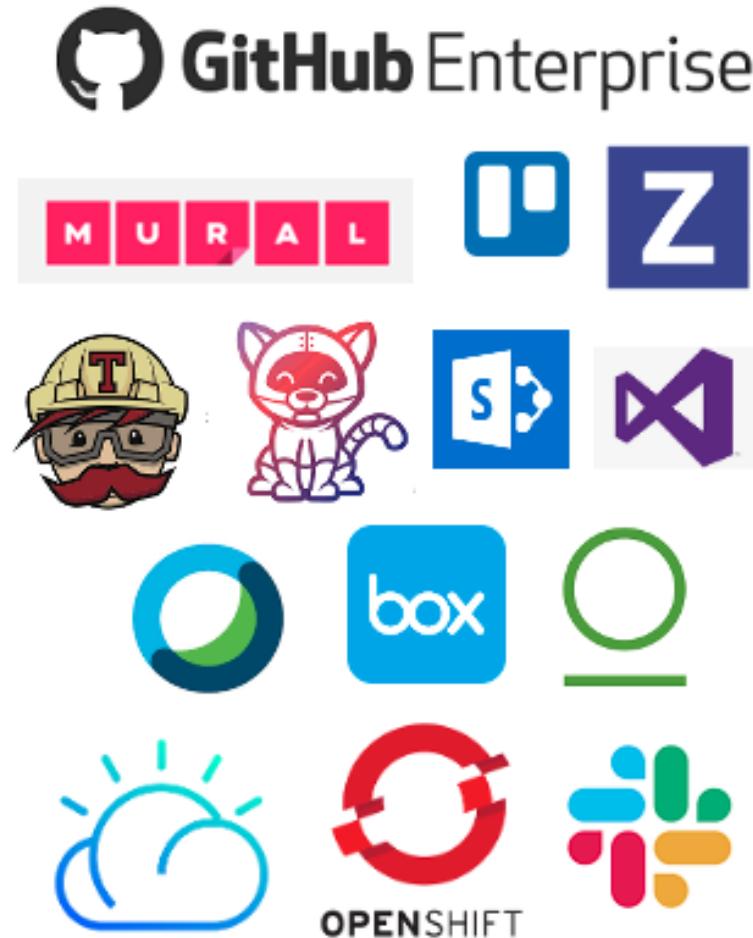


- Consistência
 - padronizar para escalar
- Repetibilidade
 - processos e infraestrutura
- Reuse
 - remover tensão entre times
- Comunidade
 - cultura colaborativa

Papéis da comunidade

- Exploradores
 - novos contribuidores, usuários, participantes da Comunidade
- Contribuidores
 - promovem melhorias, membros da Comunidade
- Trusted Committers
 - Especialistas, promotores da Comunidade
- Starters
 - iniciam o projeto, artefatos, ferramentas, código, criadores da Comunidade





Ferramentas

- GitHub Enterprise, ZenHub
- GitHub pages
- Travis CI, Tekton
- OpenShift clusters
- Artifactory
- Slack, Mural
- Webex, Box, Sharepoint



Obrigado!



**InnerSource
Commons**

innersourcecommons.org

Artigo InfoQ

Playlist no YT

Podcast:
pullrecast.dev

The screenshot shows the YouTube channel page for 'Pull reCast'. The channel has 60 subscribers. There is a banner at the top with two men's faces and the text 'com Alan Braz e Matheus Bitencourt'. Below the banner, there are tabs for HOME, VIDEOS, PLAYLISTS, CHANNELS, and ABOUT. The HOME tab is selected. A section for 'Upcoming live streams' shows a thumbnail for 'Pull reCast #2' with the text 'Scheduled for 8/29/22, 6:20 PM' and a 'NOTIFY ME' button. Below this, there is a section for 'Epsódios' (Episodes) showing a thumbnail for 'Pull reCast #1 - Quem não quer ser um milionário com OpenSource?!' featuring guest 'THAGO AVELINO' and the duration '1:09:43'.