

open source

makes **good business sense**

needs more than just code

thrives when it has EVERYTHING that it needs

why has open source software become so important?

 Ubiquitous: Has become integrated in all stages of software development.

 Foundational: Has grown with all major technology trends (mobile, cloud, AI)

 Influential: IT leaders are more likely to select a vendor that contributes to OSS.



4 out of 5 enterprises agree!

82%

more likely to select a vendor who contributes to the open source community

80%

expect to increase their use of enterprise open source software for emerging technologies.

89%

believe enterprise open source is as secure or more secure than proprietary software

why would enterprises support open source?



provide offerings sooner



quicker development and identification of talent



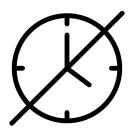
better UX through open standards

a rising tide lifts all boats

but ... sometimes you can't



no OSPO or formal process

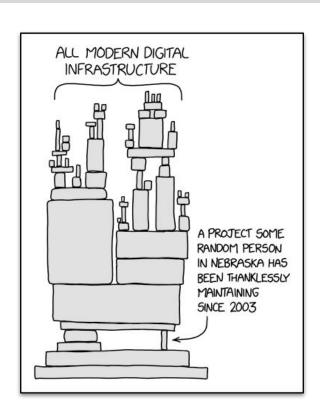


no time to contribute

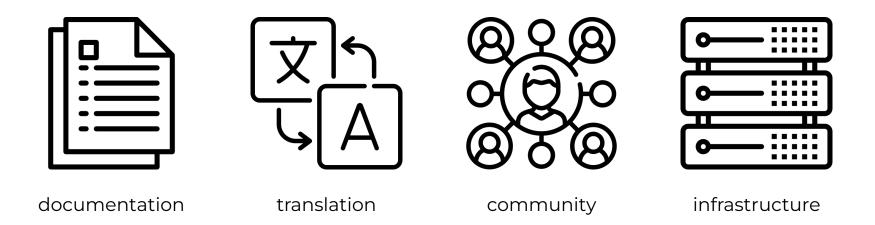


financially not possible

and then this happens



ways of contributing without coding



how equinix started an open source initiative

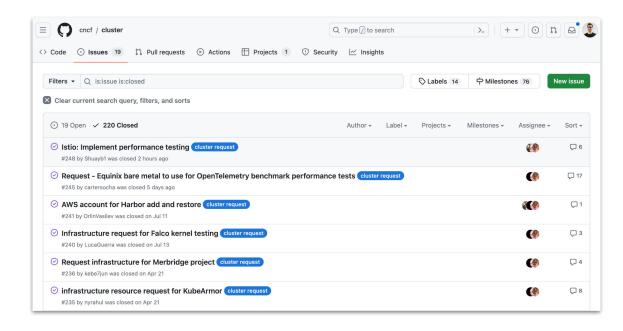
1. Start small

2. Identify dependencies

3. Look for a surplus

case study: equinix's open source partner program (OSPP)

a program for open source infrastructure projects to request free compute and networking resources on bare metal servers



start small

OSPP timeline













Community Infra Lab (CIL)

Support started in 2017 with Packet with \$25k/month.
Source

Equinix ups investment to \$1M/year

Equinix triples its investment to \$1M/year. Source



OSPP today Rocky Linuxtm مالایالاه





































Equinix OSPP crosses





Equinix ups investment to \$1M/year

Equinix now supports over 100 projects through its OSPP. Providing more than \$2M/year in investment. Source

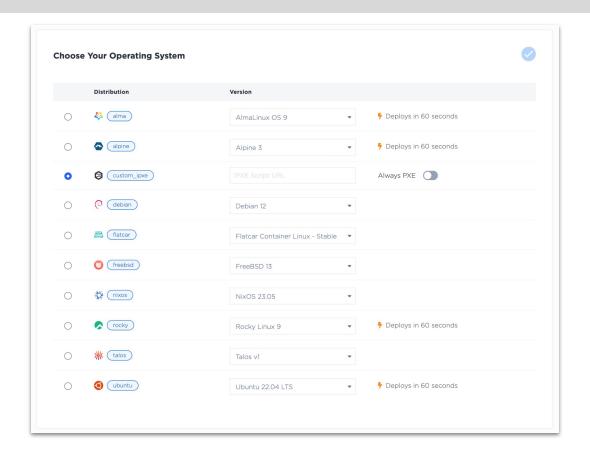
\$2M/year

Community Infra Lab (CIL)



identify dependencies

operating system deployments



look for surplus

Equinix, we have a lot of hardware

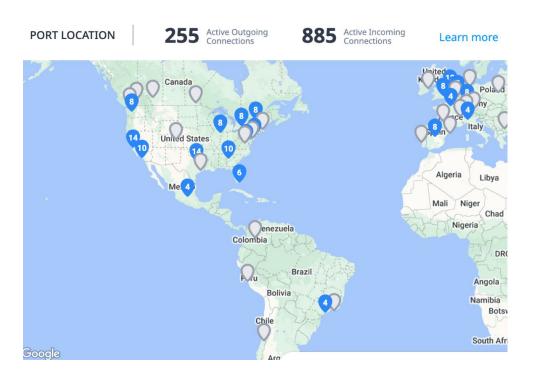


250 data centers

25

metros supported by Equinix Metal (bare metal through API)

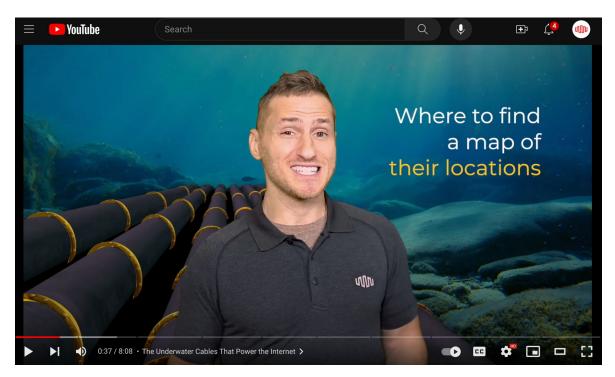
and lots connections





https://www.equinix.com/products/digital-infrastructure-services/equinix-fabric

(check out our video on under sea cables)

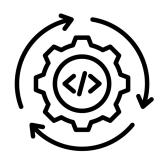




https://equix.co/29MT8

success stories

what kind of workloads do projects run?



testing (ci/cd, benchmarking)



short-term needs (labs, workshops, POCs)



Hosting (kernels, patches, binaries)

success story: alpine linux

4288 downloads per day 100 TB

approx. total download volume per day



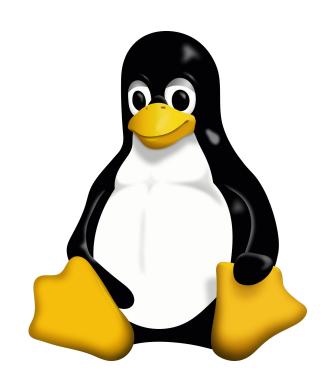
- Running GitLab-based pipelines to build images
- Building 32 and 64-bit images for both x86 and ARM
- And, using Equinix Metal as a CDN

"Equinix and the OSSP have been a lifesaver, there is virtually no other provider who could give us all the features we get from Metal." -Carlo Landmeter

success story: kernel.org

- git.kernel.org uses Equinix to route requests. Indispensable.
- mirrors.kernel.org and archive.kernel.org on Equinix.

"Equinix is indispensable, without it, half the internet breaks." - Robert Reeves, VP Linux Foundation



success story: flatcar linux

- Uses Equinix Metal hardware catalog for building and testing images.
- And, as a CDN.
- Noticing a pattern?

"Metal allows us to test not just our bare metal releases but also multiple virtualisation vendors." - Thilo Fromm



impact

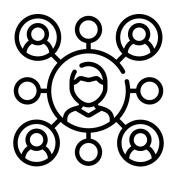
impact of the OSPP



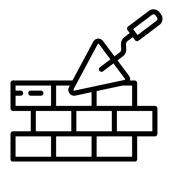
weaved into product strategy



customer success stories



collaborate with experts



work with foundations

success for Equinix: supply chain insight

	Server Type	Supported operating systems	P
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open source program office

how to start your own ospp-like initiative

- 1. **Start small:** As with any project, start small. Equinix's OSPP was not an overnight success, it took *years*.
- 2. **Identify dependencies:** Identify critical paths in your system that have open source dependencies on open source components.
- 3. **Look for a surplus**: Look for things that are surplus to you, but would be scarce to someone else.
- 4. **Supply chain insights**: Your open source dependencies are your suppliers, make sure you have insight into and support for your supply chain.
- 5. Work with your OSPO: If you have an OSPO, figure out what worries them.

thank you!





raise awareness

sponsor projects

Every organization can find unique ways to support open source, beyond code contributions



Ed: **@w8env@hachyderm.io** fen: **@crayzeigh@hachyderm.io**

homework



try contributing
- it doesn't have
to be a huge
change



learn more about open source (licensing & history)



can you build a business with open source?