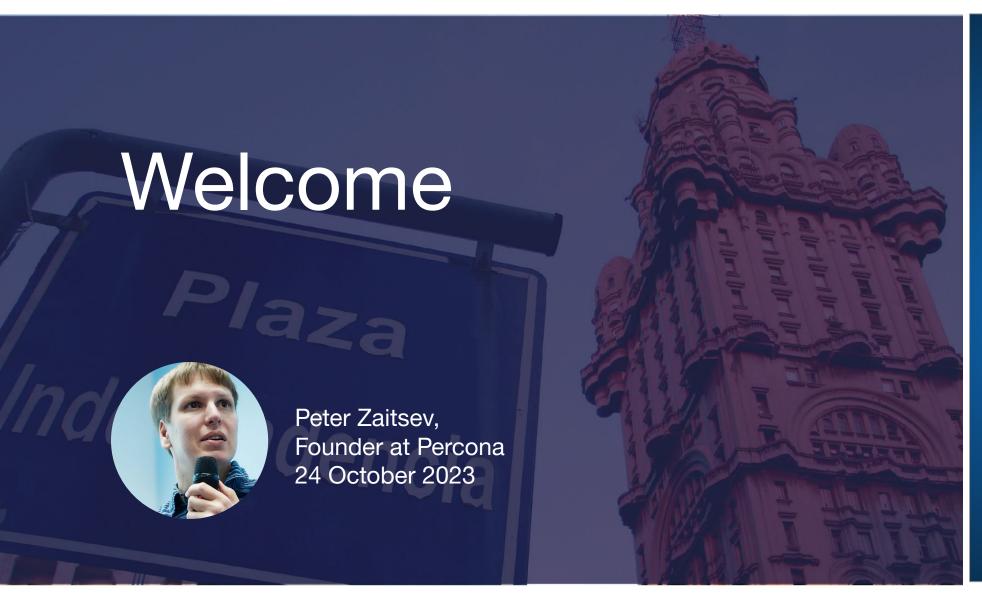


In partnership with

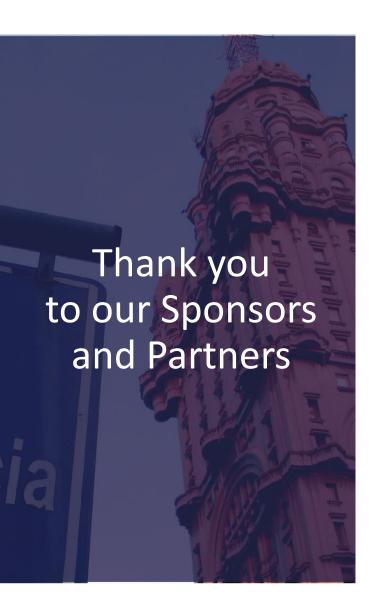
1950LABS

















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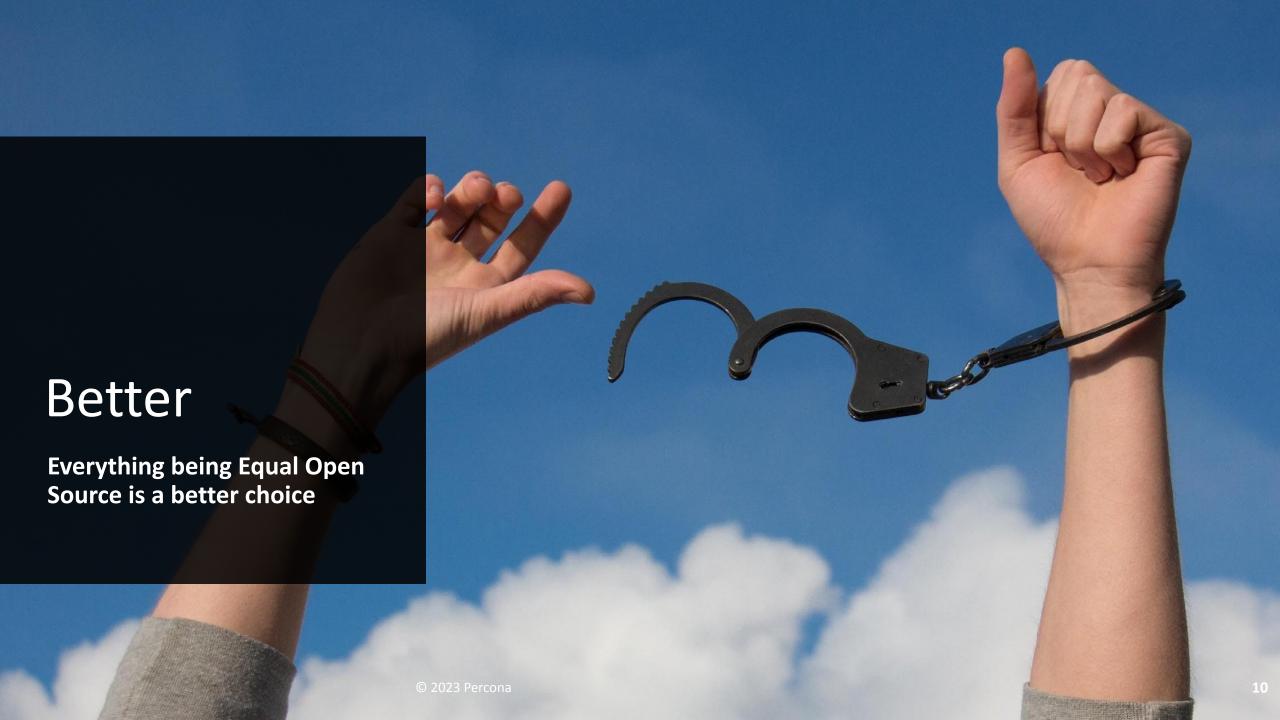






My Prospective

- Involved in Open Source since late 1990s
- Early Staff member of MySQL AB
- Founder, until recently CEO at Percona
- Investor, Advisor, Mentor in Open Source Businesses
- Open Source Advocate

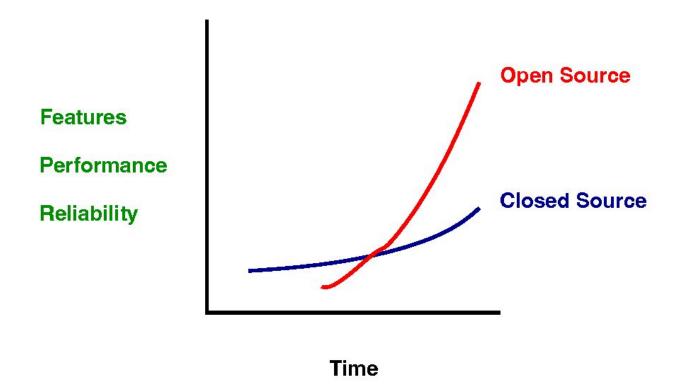


Investment

It is smarter to invest in your resources in making Open Source better rather than paying for Proprietary Software

Rise of Open Source

Open Source and Proprietary



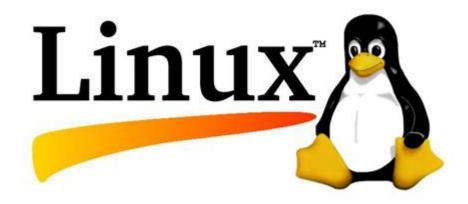
12/51

https://momjian.us/main/writings/pgsql/forever.pdf



Have we been here before?







Open Source in the Cloud

But do not Cloud Vendors just make Open Source Easier?



Usability and Ease of use

New Frontier for the competition





Cloud Vendor Push



Using their Proprietary or Managed solutions as Best Practice 2

Increasing Price
Difference for such
Managed Solutions



Embracing Scaling by Credit Card



Venture Funded Open Source

Often Abandon Open Source Licenses to Create Monopoly-Protect themselves from Unfair Competition from the Cloud.



Largely Embraces adoption by Cloud Vendors as

it increases user base

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Focus on last decade was growth at any cost

Pushing as much on third parties (Cloud Vendors) makes sense

No resource to put on Open Source requiring "elbow grease"

Growth at any Cost

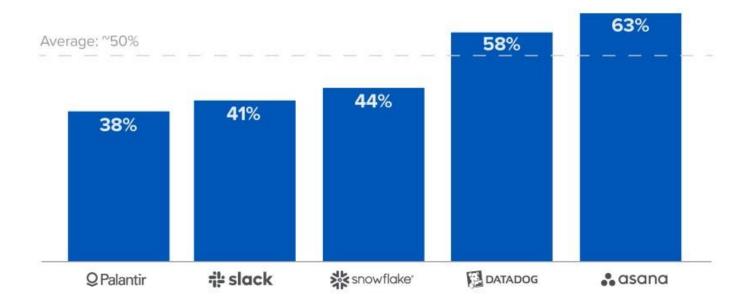
Subsidized Cloud

First does of Heroin is Free



Things are Changing

Estimated Annualized Committed Cloud Spend as % of Cost of Revenue



Source: Company S-1 and 10K fillings

https://a16z.com/2021/05/27/cost-of-cloud-paradox-market-cap-cloud-lifecycle-scale-growth-repatriation-optimization/

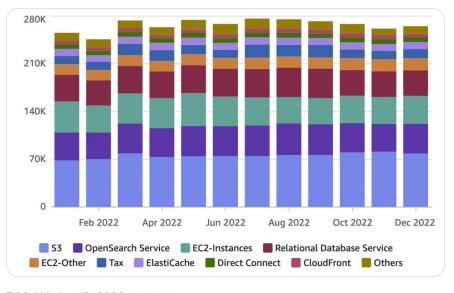


23

37 Signals leaving the cloud



We spent \$3,201,564.24 on cloud in 2022 at @37signals, mostly AWS. \$907,837.83 on S3. \$473,196.30 on RDS. \$519,959.60 on OpenSearch. \$123,852.30 on Elasticache. This is with long commits (S3 for 4 years!!), reserved instances, etc. Just obscene. Will publish full accounting soon.



7:08 AM · Jan 12, 2023 · **717K** Views

341 Retweets **119** Quote Tweets **2,488** Likes

https://twitter.com/dhh/status/1613508201953038337

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24

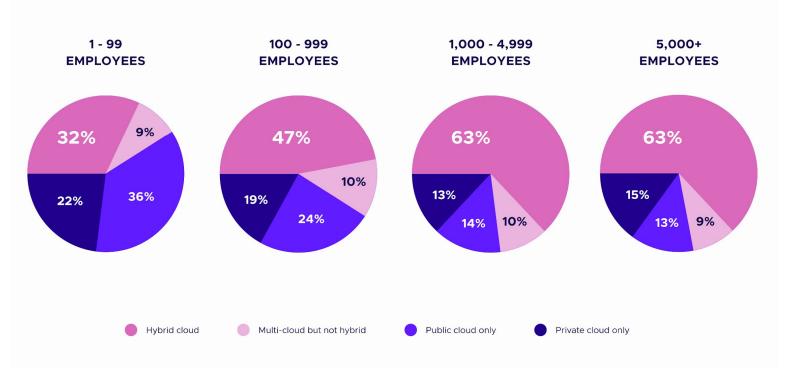
```
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HTML +
                        81
                                  'code' => $captcha_config['code'],
                        82
                                 'image_src' => $image_src
                        83
                       84
A ol.:
                       Y if( ifunction_exists('hex2rgb') ) {
                                       gb($hex_str, $return_string = false, $separator = ',') {
                                       preg_replace("/[^0-9A-Fa-f]/", '', $hex_str); // Gets a proper hex string
                              $rgb_array = array();
                                       val = hexdec($hex_str);
                                       ray['r'] = 0xFF & ($color_val >> 0x10);
                                       ay['g'] = 0xFF & ($color_val >> 0x8);
   GitOps
                                       rlen($hex_str) == 3 ) {
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hexdec(str_repeat(substr($hex_str, 0, 1), 2));
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hexdec(str_repeat(substr($hex_str, 2, 1); 2));
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                                                                                                                         25
x.php
```

Hybrid Cloud

Which of the following combinations of data center and cloud architectures does your organization use?
(By organization size)



https://www.cncf.io/reports/cncf-annual-survey-2022/







Open Source Catches Up Again

- Lock-in with Cloud Vendor
- Use Proprietary Solutions
- Highly Differentiated Cloud
- Hostage
- No Vendor Choice

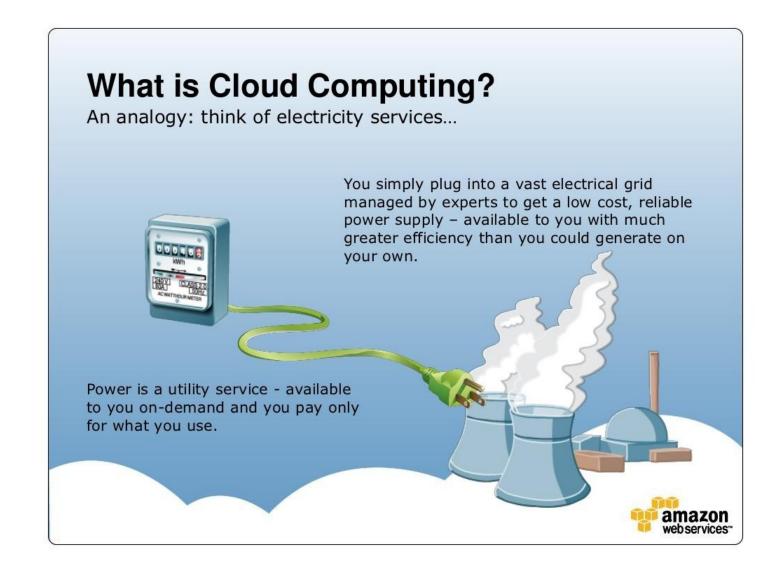
aws aws

- Freedom to Run Anywhere
- Use Open Source
- Cloud Is Commodity
- Customer
- Choice of Vendors





Giving Cloud
Its Originally
Intended
Role of
Commodity
Infrastructure





Smart API -Kubernetes





DOK Community



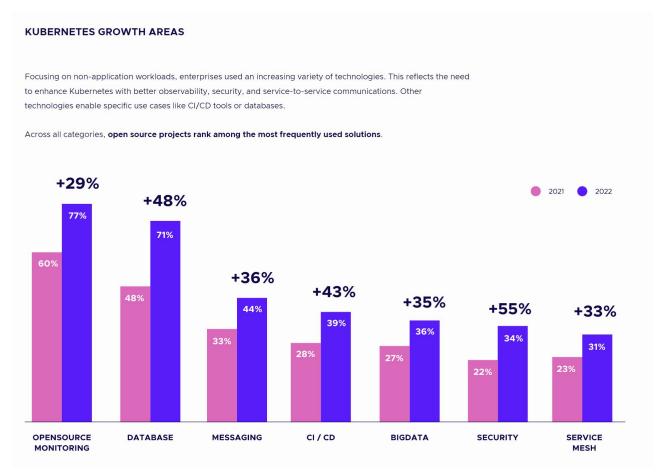
Dok Community

https://dok.community/



30

Adoption Areas



https://www.cncf.io/reports/cncf-annual-survey-2022/



Kubernetes Powers many DBaaS

















Databases

Data Has Gravity

Hard to Move

Attracts/Pulls other Applications

Creates More Severe Vendor Lock-In

Should be your focus in Achieving your Freedom





Mission Critical Open Source Base Database Software



PERCONA

Distribution for MySQL

PERCONA

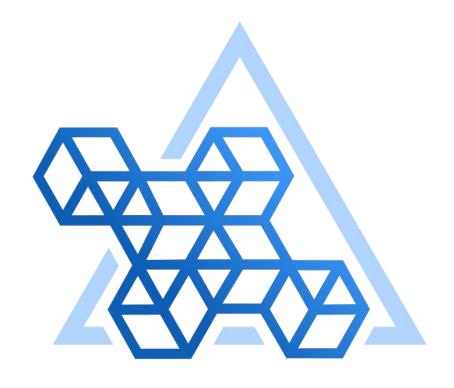
Distribution for PostgreSQL

PERCONA

Distribution for MongoDB



"Operators
" to run
them on
Kubernetes



PERCONA

Kubernetes Operators

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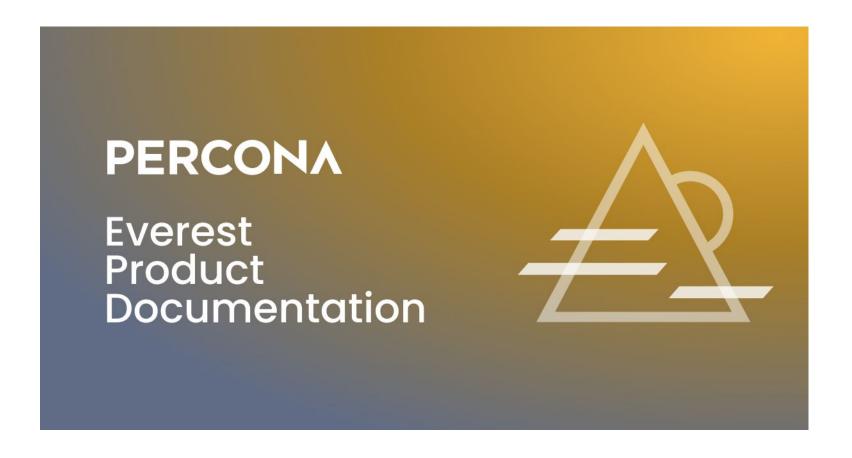
Observability and Simplified Management



Monitoring and Management

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Percona
Everest –
Open Source
DBaaS
Powered by
Kubernetes



https://docs.percona.com/everest/







Support



Consulting



Managed Services



Call For Action



Embrace Open Source in the Cloud



Invest in Making it Better



Spread the World



Run Percona 🙂



