



How Open Source Changes The Way We Work

Open Source



- It's free
- It's adjustable, so I can create FRs for it
- There are so many great projects out there
- No proprietary black-boxes any more
- The sky is not the limit

REALLY!?!?



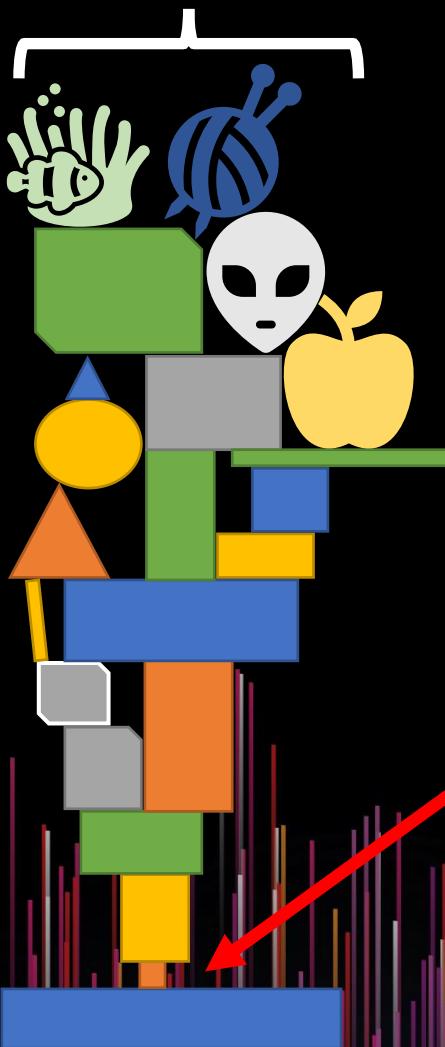
Front-End Excuses @frontendexcuses

4d

The problem with Git jokes ? well, everyone has their own version #git #github
#developerexcuses #frontendexcuses #devlife #agencylife #frontendwoes



Your awesome infrastructure



Small GitHub Project ...
being maintained by one individual
in the Australian outback



In chaos theory, the **butterfly effect** is the sensitive dependence on initial conditions in which a small change in one state of a deterministic nonlinear system can result in large differences in a later state.

Jaeger



Envoy

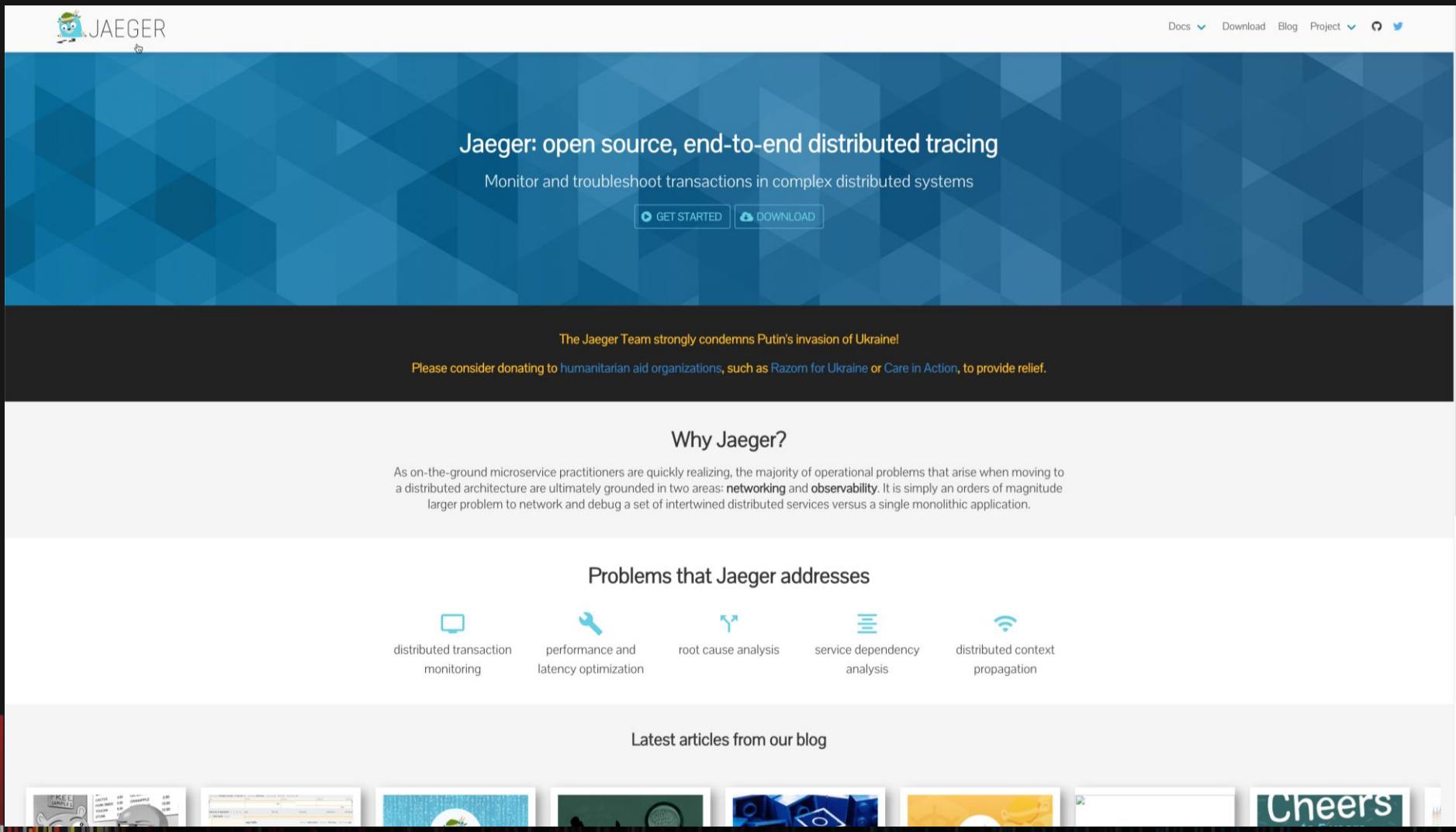


Prometheus



Thanos





The screenshot shows the Jaeger project's homepage. At the top, there's a navigation bar with links for Docs, Download, Blog, Project, and social media icons. The main title "Jaeger: open source, end-to-end distributed tracing" is displayed, followed by a subtitle "Monitor and troubleshoot transactions in complex distributed systems". Below this are two buttons: "GET STARTED" and "DOWNLOAD". A dark banner at the bottom of the main section contains a statement about the invasion of Ukraine and a call to donate to humanitarian aid organizations.

Why Jaeger?

As on-the-ground microservice practitioners are quickly realizing, the majority of operational problems that arise when moving to a distributed architecture are ultimately grounded in two areas: **networking** and **observability**. It is simply an orders of magnitude larger problem to network and debug a set of intertwined distributed services versus a single monolithic application.

Problems that Jaeger addresses

- distributed transaction monitoring
- performance and latency optimization
- root cause analysis
- service dependency analysis
- distributed context propagation

Latest articles from our blog





ENVOY IS AN OPEN SOURCE EDGE AND SERVICE PROXY, DESIGNED FOR CLOUD-NATIVE APPLICATIONS

GET STARTED

DOWNLOAD

Envoy 1.22.0 is now available

Read the changelog

CREATED BY



USED BY



airbnb



Amazon
Web Services™



Booking.com



cookpad

From metrics to insight

Power your metrics and alerting with the leading open-source monitoring solution.

[GET STARTED](#)[DOWNLOAD](#)

The Prometheus Team strongly condemns Russia's illegal invasion of Ukraine. Please consider donating to a humanitarian aid organization such as [Aktion Deutschland Hilft](#) or [Care in Action](#) to provide relief.

Dimensional data

Prometheus implements a highly dimensional data model. Time series are identified by a metric name and a set of key-value pairs.

Powerful queries

PromQL allows slicing and dicing of collected time series data in order to generate ad-hoc graphs, tables, and alerts.

Great visualization

Prometheus has multiple modes for visualizing data: a built-in expression browser, Grafana integration, and a console template language.

Efficient storage

Prometheus stores time series in memory and on local disk in an efficient custom format. Scaling is achieved by functional sharding and federation.

Simple operation

Each server is independent for reliability, relying only on local storage. Written in Go, all binaries are statically linked and easy to deploy.

Precise alerting

Alerts are defined based on Prometheus's flexible PromQL and maintain dimensional information. An alertmanager handles notifications and silencing.

Many client libraries

Client libraries allow easy instrumentation of services. Over ten languages are supported already and custom libraries are easy to implement.

Many integrations

Existing exporters allow bridging of third-party data into Prometheus. Examples: system statistics, as well as Docker, HAProxy, StatsD, and JMX metrics.

«Even though Borgmon remains internal to Google, the idea of treating time-series data as a data source for generating alerts is now accessible to everyone through those open source tools like Prometheus [...]»

— Site Reliability Engineering: How Google Runs Production Systems (O'Reilly Media)

Open Source

Prometheus is 100% open source and community-driven. All



Thanos

Open source, highly available Prometheus setup with long term storage capabilities.

[Getting Started](#) [Community](#) [Download](#) [Quay.io](#) [DockerHub](#) [GitHub](#)

The Thanos Team strongly condemns Russia's illegal invasion of Ukraine. Please consider donating to a humanitarian aid actions such as [Polish National Campaign to Support Ukraine](#) or [Care in Action](#) to provide relief.



Global Query View

Scale your Prometheus setup by enabling querying of your Prometheus metrics across multiple Prometheus servers and clusters.



Unlimited Retention

Extend the system with the object storage of your choice to store your metrics for unlimited time. Supports GCP, S3, Azure, Swift and Tencent COS.



Prometheus Compatible

Use the same tools you love, such as Grafana and others, that support the Prometheus Query API.



Downsampling & Compaction

Downsample historical data for massive query speedup when querying large time ranges or configure complex retention policies.

Founded By



Used By



A few other ones ...

- Jerkie
- Pilgrim
- jsartJS
- logeslow

<https://mrsharpoblunto.github.io/foswig.js/>

or

npm install project-name-generator -save

<https://github.com/aceakash/project-name-generator>



[HOME](#)
[ABOUT](#)
[BUY ME A COFFEE](#)
[PROJECTS](#)
[TALKS](#)
[SESSIONIZE](#)
[ARCHIVES](#)
[TAGS](#)

How to configure logging for Packer

⌚ 2018-11-25 ⏳ 3 mins read

How to configure logging for Packer

I have been working with Packer extensively over the last seven months. I have slowly been gaining knowledge for working with it in various scenarios and I always discover something new buried in the documentation that I haven't had the need to use or I just didn't know it existed. One of these newly discovered items is how logging works with Packer.



Congratulations! You are now a software developer...

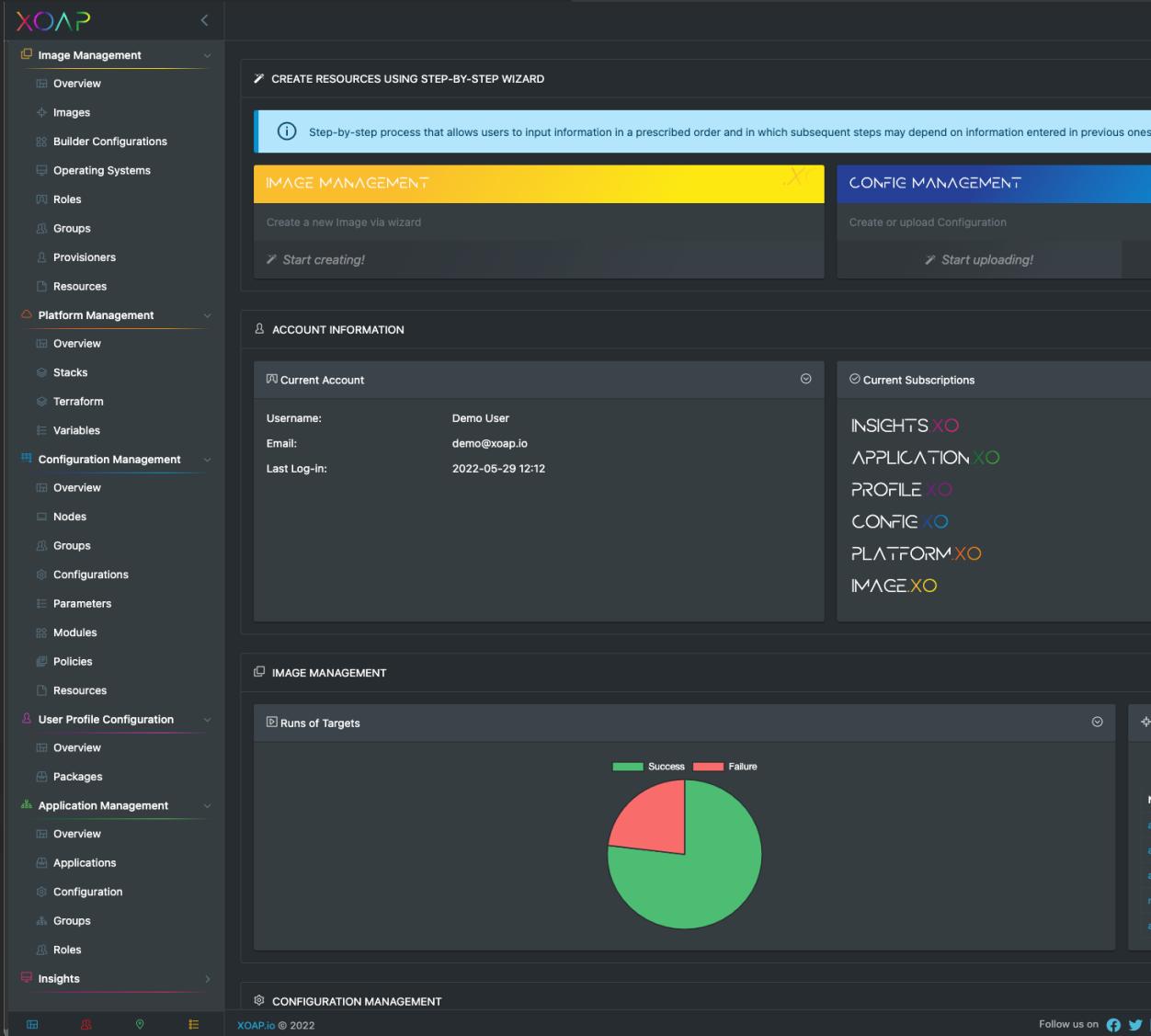
Developer live - you will MUST ...

- Use git and agile project management methodologies
- Manage devops pipelines
- Resolve merge conflicts
- Resolve production deployment failures because somebody did:
 - `git push --force origin/master`
- Resolve production errors because a colleague did manual changes
- Really check the pull requests, not only approve them
- Start to think about branching strategies
- Update and maintain all dependencies
- Get used to IDEs (VSCode or IntelliJ)
- Really start reading the documentation
- Change the way you work completely



BUT there is hope

- One SaaS console to rule them all
- Code abstraction
- Supports beginners and advanced use-cases
- Simple to use wizards
- Multi-Cloud support
- Modular approach
- Extendable
- Developed in Germany
- Trusted by Finance and Government



The screenshot displays the XOAP SaaS console with a dark-themed interface. On the left, a vertical navigation sidebar lists several categories: Image Management (Overview, Images, Builder Configurations, Operating Systems, Roles, Groups, Provisioners, Resources), Platform Management (Overview, Stacks, Terraform, Variables, Configuration Management - Overview, Nodes, Groups, Configurations, Parameters, Modules, Policies, Resources), User Profile Configuration (Overview, Packages), Application Management (Overview, Applications, Configuration, Groups, Roles, Insights), and Insights (Overview, Packages). The main content area features a "CREATE RESOURCES USING STEP-BY-STEP WIZARD" section for "IMAGE MANAGEMENT" with a yellow header bar. Below it, a "Step-by-step process that allows users to input information in a prescribed order and in which subsequent steps may depend on information entered in previous ones" is described. A "Start creating!" button is present. To the right, there are sections for "ACCOUNT INFORMATION" (Current Account: Username - Demo User, Email - demo@xoap.io, Last Log-in - 2022-05-29 12:12) and "CONFIGURATION MANAGEMENT" (Runs of Targets: Success - large green pie slice, Failure - small red pie slice). A sidebar on the right lists "INSIGHTS.XO", "APPLICATION.XO", "PROFILE.XO", "CONFIG.XO", "PLATFORM.XO", and "IMAGE.XO". The bottom right corner includes social media links and a copyright notice: "Follow us on" with icons for Facebook, Twitter, LinkedIn, and GitHub, and "© 2022 xoap.io all rights reserved".

- Based on Packer
- Role Management
- Group Management
- Resource Management
- Resource Editing
- PowerShell DSC Provisioner
- PSADT Provisioner
- Image Wizard

The screenshot shows the XOAP interface with a yellow box highlighting the 'Image Management' section in the left sidebar. The main area displays the 'Image Management - Wizard' with six steps numbered 1 to 6. Step 1, 'Resource', is active and shows fields for 'File' (with a '+ Choose' button), 'Description', 'Tags', and 'Overwrite if file is present'. A note at the bottom states: 'Optional step, if resource is added it can only be used in Powershell Script and Linux Script provisioner.'

IMAGE.XO

PLATFORM.XO

- Based on Terraform
- Stack Management
- Module Management
- Variables Management
- Resource Editing
- Platform Wizard
- XOAP Modules

The screenshot displays the PLATFORM.XO web application interface. On the left, a sidebar menu titled "XOAP" lists several categories: Image Management, Platform Management (which is expanded), Overview, Stacks, Terraform, and Variables. A large orange arrow points from the "Platform Management" section of the sidebar towards a central modal window.

The central area features a modal window titled "Terraform Wizard". This window is divided into several sections:

- Create Stack:** Fields include Name (Citrix Fullstack), Stack Name (Citrix Demo Account), Environment (Development), AWS Connection (xoap-demo-admin), AWS Region (Europe (Frankfurt)), and Storefront Image (aws-w2k22-baseline-patched).
- Terraform Settings:** Fields include Name (terraform-aws-demo-module), Description (A module to showcase the wizard), Tags (demo, xoap), Is Stack (checked), Provider (AWS), and Terraform Version.
- Add Resources:** Fields include Resource (aws_accessanalyzer_analyzer), Resource Name (Unique Name for this Resource), analyzer_name (analyzer_name), tags (tags), type (type), and several toggle switches.

At the bottom of the interface, there is a footer bar with the text "Thank you for being here."

- Based on PowerShell DSC
- Node Management
- Configuration Management
- Module Management
- Variables Management
- Resources Management
- Configuration Wizard
- XOAP Modules

CONFIG.XO

The screenshot displays the XOAP Configuration Management interface. On the left, a navigation sidebar lists various management categories: Image Management, Platform Management, Configuration Management, Parameters, Modules, Policies, and Resources. A blue box highlights the 'Configuration Management' section under the Platform Management category.

The main area shows a table titled 'Configuration Management - Nodes' listing 20 nodes. The columns include Name, Configuration Name, Configuration, and Configuration Group. Examples of listed nodes include DESKTOP-11I5MJ3, DESKTOP-ERAJ6IM, DESKTOP-HEN6QLQ, DESKTOP-K6PMVRQ, WIN-M4IECCOTNU, XOAPEMONB, XOAPNUC0001, XOAPWAP0001, XOAPWAP0002, XOAPWWS1000, XOAPWWS1001, XOAPWWS1002, XOAPWWS1003, XOAPWWS1004, XOAPWWS1005, XOAPWWS1006, XOAPWWS1007, XOAPWWS1008, and XOAPWWS1009.

A detailed view for 'DESKTOP-11I5MJ3' is shown on the right, titled 'Current status of DESKTOP-11I5MJ3'. It includes sections for System Information, Operating System, and Hardware / BIOS. The System Information panel shows the node name as DESKTOP-11I5MJ3, running Microsoft Windows 10 Enterprise Evaluation, with a PowerShell version of 5.1.190. The Operating System panel lists the node's name, manufacturer (Microsoft), version (Windows 10 Enterprise Evaluation), architecture (64-Bit), organization, DEP availability, DEP drivers enabled, Hypervisor present, Debug enabled, Default codepage, System device, Boot device, and System directory. The Hardware / BIOS panel lists the node's name, manufacturer, version, SKU, device type, and status.

APPLICATION.XO

- PSADT
- GUI Configuration
- Group Management
- Role Management

The screenshot displays the APPLICATION.XO application interface. On the left, a sidebar titled "Application Management" lists "Overview", "Applications", "Configuration", "Groups", and "Roles". The "Applications" item is highlighted with a green box. The main panel shows a table titled "Applications" with columns for "Vendor" and "Name". A modal window titled "Create Configuration" is open on the right, containing fields for "Package name" (set to "APP_Citrix_VDAServer_1912_W2K16_x64_Any_REV4"), "Name of the author" (set to "Demo User"), and various configuration settings like "DeploymentType" (set to "Install"), "DeployMode" (set to "NonInteractive"), and several toggle switches for options such as "Controllers" (on), "DisableExperiencemetrics" (off), and "HDXFlashv2Only" (on). The bottom of the screen features a decorative bar with vertical stripes in various colors.

Thank you for being here.

EXTENSIONS.XO

- Always latest PSADT packages
- PowerShell DSC Modules
- DSC Configurations
- Image Templates
- Dashboards

Community Session

The IaC Deployment Toolchain

Sat - 10:50

Masterclass

How to Build an Enterprise IaC Pipeline

Sat - 14:00

With drinks, lollipops and more merch!

We invite you for a try!

hello@xoap.io



xoap_io



https://www.linkedin.com/company/xoap_io