Preevy

Simple preview environments

Engaging developers using OSS

Y

About me - Yshay Yaacobi

- Developer for the last 20y
- Co founder and CTO
- Worked on different OSS efforts (Tweek, stitch, dqd, preevy)
- Passionate about all aspects of software development - programming languages, cloud architecture, design, user experience, etc...

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Livecycle in a nutshell

Livecycle.io is a collaboration platform designed to eliminate the gap and friction between coders and non-coders.

How does it work?

Livecycle build and run a continuous, shareable playground of every code revision during development.

These playground environments allow any team member to interact and experience the product, and use Livecycle's rich embedded collaboration tools for discussion, visual snippets, UI editing, code suggestion, etc....
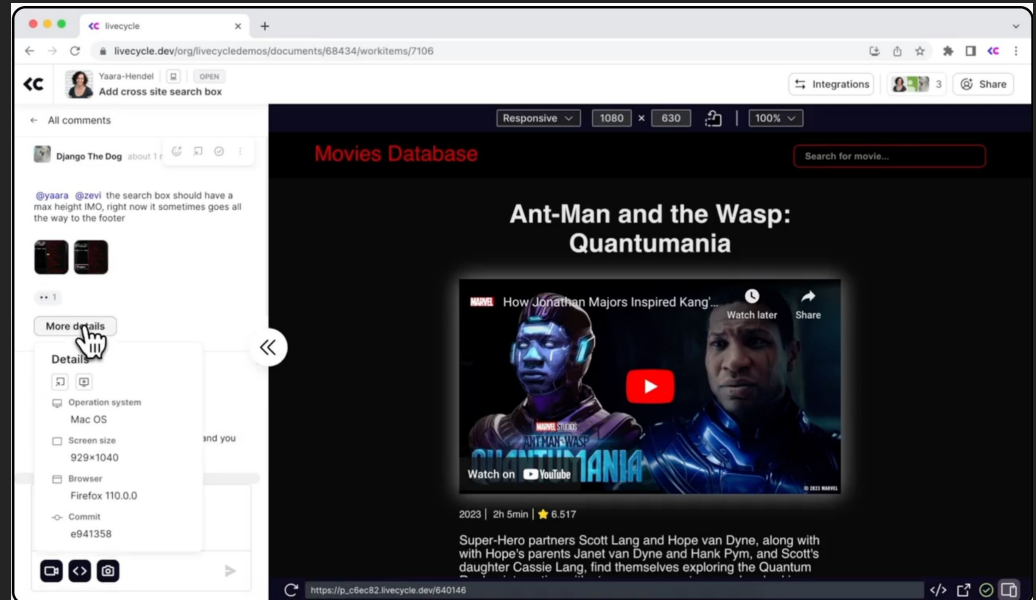
Livecycle eliminate workflow gaps
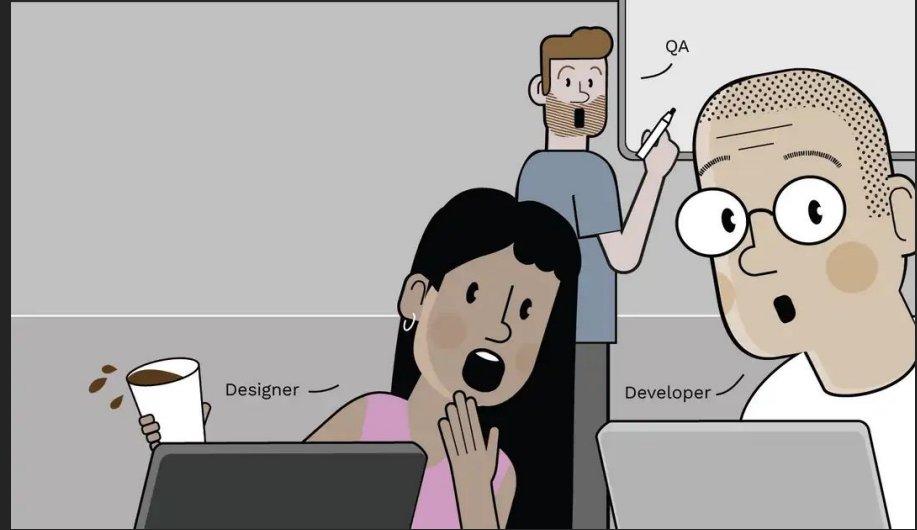
What pain points do we solve?

- Slow feedback loops
- Context switches for developers
- Inefficient or incorrect design/product review processes
- Too many product sync meetings
- Building a pipeline for preview environments
- Managing preview environments (op, costs)

Who's our main user?

Who get the benefits?

- Developers
- Designers
- PM
- DevOps
- R&D Managers

Who can install us?

- Applications Developers
- DevOps engineers

Speaking to developers

- Try it before you buy attitude
- Allergic to traditional marketing messaging
- Don't directly control the budget
- Highly affected by buzz, community, and influencers
- Early adopters, curious, tinkerers
- Focal point in development workflow
- Can champion a product internally

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Splitting our problem

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Solution - collaboration platform with Integrated organization tools (ticketing, knowledge base, slack, etc...), rich collaboration UI tools (feedback, review, bug reporting) - SaaS Livecycle

Splitting our problem

- Building a pipeline for preview environments
- Managing preview environments (op, costs)

Solution - Dev/DevOps deployment/automation tool, integration to CI/Cloud provider, developer experience, existing configuration

Embracing Open source

livecycle/**preevy**

Quickly deploy preview environments to the cloud!

STARS 501   ISSUES 18
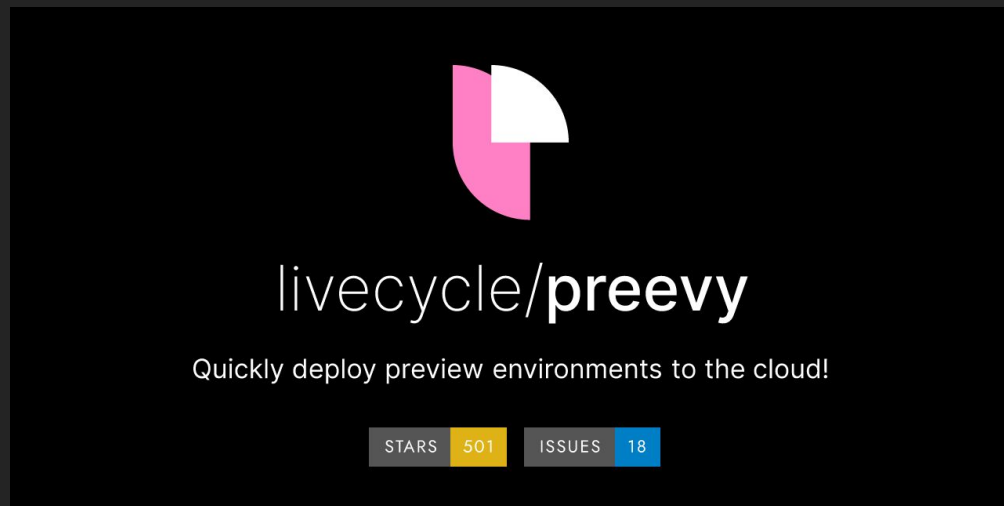
Preevy in a nutshell

Preevy is a powerful Command Line Interface (CLI) tool designed to simplify the process of creating ephemeral preview environments. With Preevy, you can easily provision a preview environment for any Docker-Compose application in the cloud.

MAKING
PREVIEW ENVIRONMENTS
AVAILABLE TO EVERYONE

Google Cloud · Microsoft Azure · aws · kubernetes

Preevy benefits

- 🌍 **Universal Access**
- 📥 **Effortless Asynchronous Updates**
  🎨 **Hassle-free Design Reviews**
- 🚀 **Parallel E2E Tests**
- 💡 **Streamlined Feedback Cycle**
- 🧪 **Non-production Experimentation**
- 🔐 **Secure Collaboration**

Preevy features

- **Ease of use**
- **Cross Platform and compatibility**
- **One-Command Orchestration**
- **Integrated Ingress**
- **Optimized Workflow Integration**

<u>Easiest path to integration with Livecycle</u>

Preevy demo


```
→ example-voting-app git:(master) ✗ █
```

Preevy + Livecycle

01

Acquisition

Developer is exposed to Preevy by OSS Community and GTM efforts. Preevy is tried by developers locally, or on simple projects.

02

Activation

Preevy is installed in an organization and is part of the PR review process

03

Conversion

Different stakeholders are using environments by Preevy, they are authenticated and collaborate using Livecycle rich experience

Why open source

- Preview environment are not our unique value, but a prerequisite that represent a high barrier of entry
- Environment provisioning can require sensitive credentials and access to source code, using OSS can increase our trust
- Allow easier customization of the flow to our user needs
- Can be integrated with other open source technologies
- Create an ecosystem around preview environments provisioning, plugins, cloud support, integrations, etc...
- Enable us to make a community play around our project

What we learned so far?

- OSS can dramatically increase the exposure of Livecycle to developers
- OSS can play well with community and content efforts
- OSS provide better integration stories with other products
- Conversation to SaaS is still challenging, but short time to value can create better onboarding experience

Thank you!

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