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Vaadin 24.5: Neue Features & Updates

Release Webinar | German Edition

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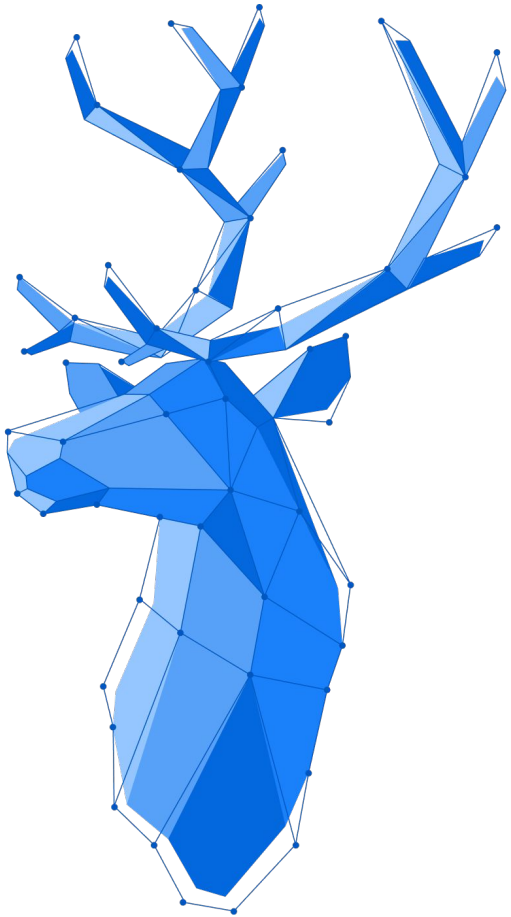
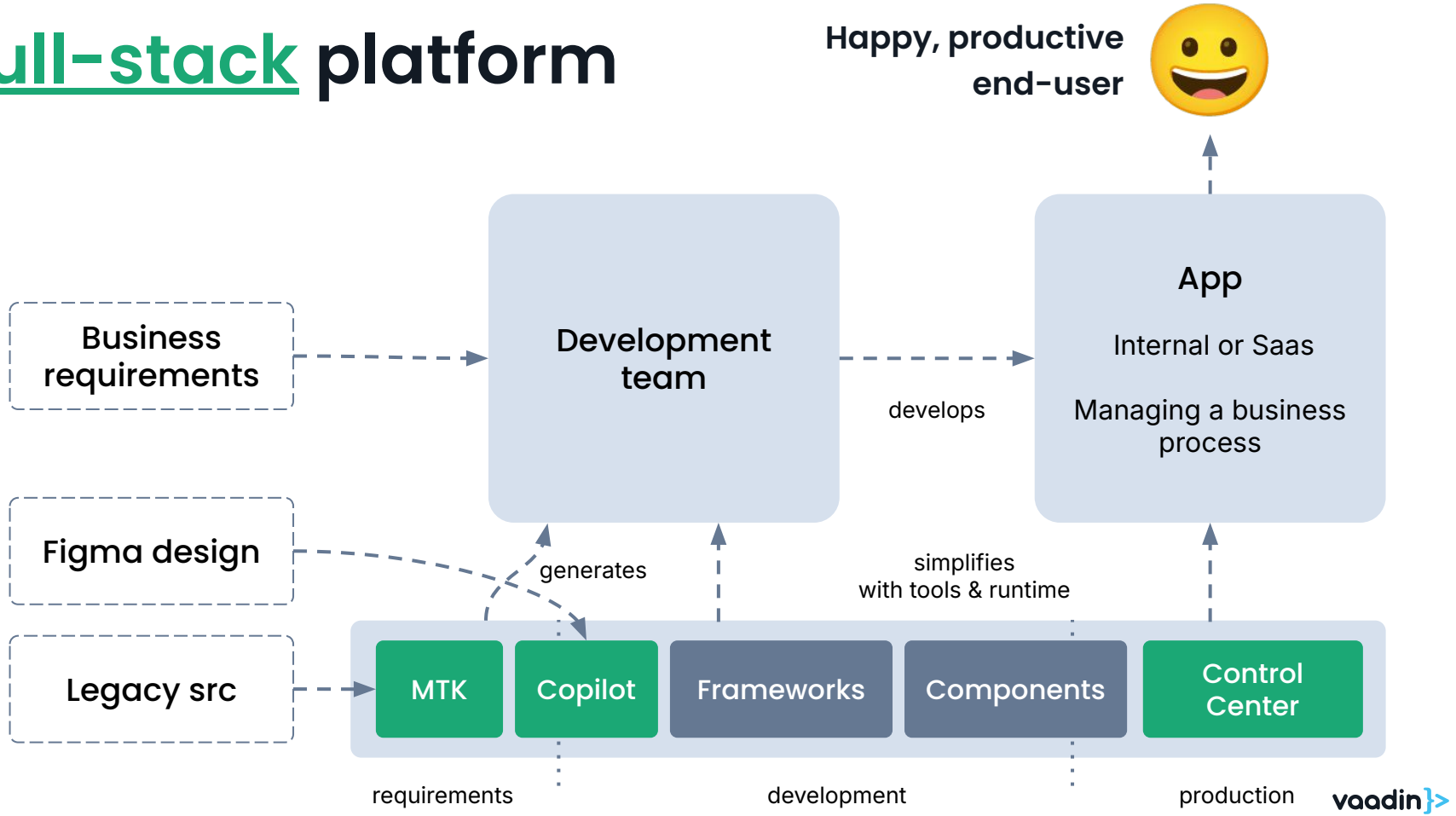


WELCOME!

Housekeeping

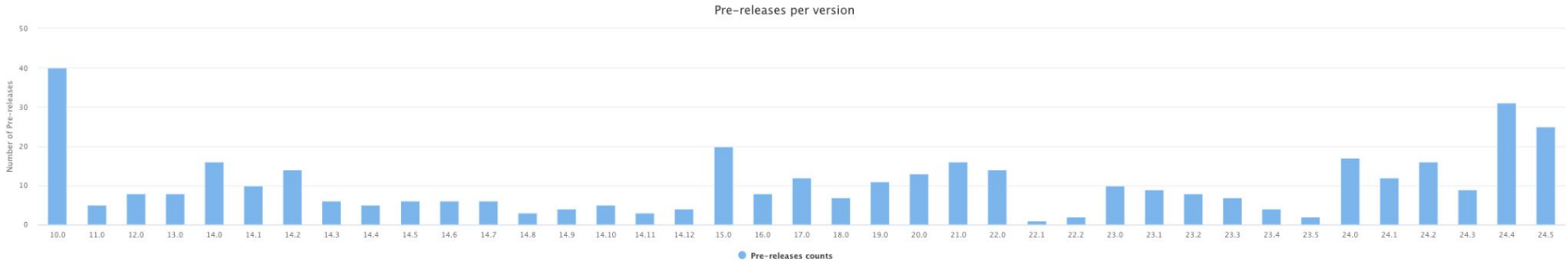
- All lines are muted during the webinar
- You can ask questions during the webinar using the Questions panel in the lower right of your screen.
- If we can’t answer your question immediately, we will come back to it at the end
- We will send you a link to slides and the recording within 24 hours

Full-stack platform



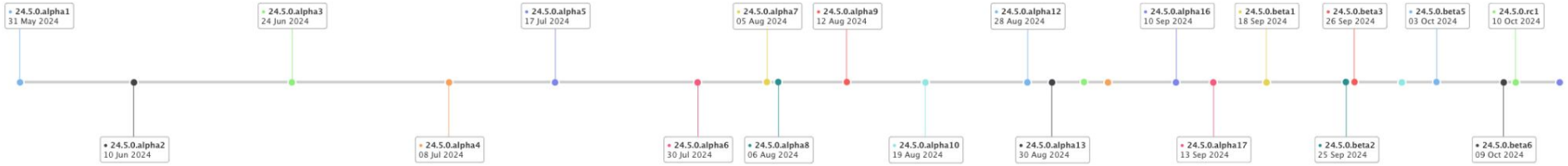
Vaadin 24.5.0

26 pre-releases



(4 months and 14 days)

Timeline of releases in version 24.5 (4 months and 14 days)



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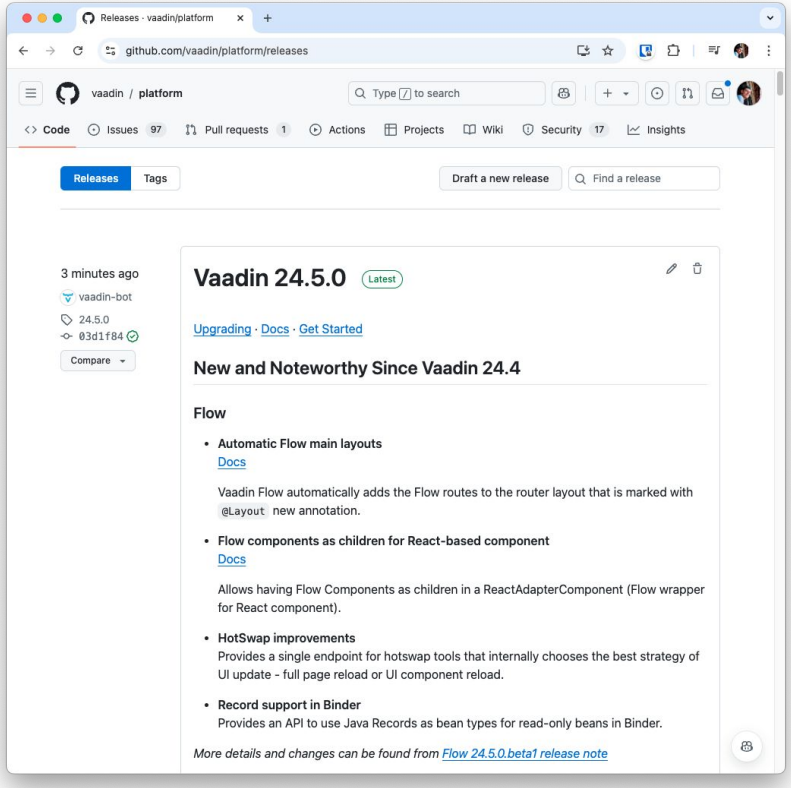
Vaadin 24.5

Release notes on github.com/vaadin



https://github.com/vaadin/platform/releases/tag/24.5.0

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Frameworks

Vaadin 24.5

Flow

Automatic Layouts and Menu

Flow Components as Children in React Comp.

Better Hotswap

Records in Binder

Hilla

TypeScript Generation Enhancements

Arrays in React Forms

Flow Layout Support

Full Stack Signals (experimental)

Design System & more

Vaadin 24.5

Components/DS

Empty Grid message

Improvements for Menu

Popover Component

RTE with color picker

Lumo for Spreadsheet

Collaboration Kit

real-time collaboration features for web apps with a few lines of code

now Apache 2.0 license

Did you try?

Vaadin Copilot

Code-first
Integrates into developers workflow

AI enhanced
Call on AI to do e.g boring, repetitive tasks

Visual Editor
Rearrange, edit, and add components - right in the running app.

...and more
Theming, routes, docs, accessibility, etc.

Did you try?

Vaadin Copilot … new stuff

General improvements

…also in 24.4

New panels

Docs
Routes (improved)
Test Generation (experimental)
i18n

“Importing”

Images
Fields from entity
Figma

Flow Support

Feature parity!

Side effect:
Java Hotswap

Deploy your Vaadin app on Kubernetes

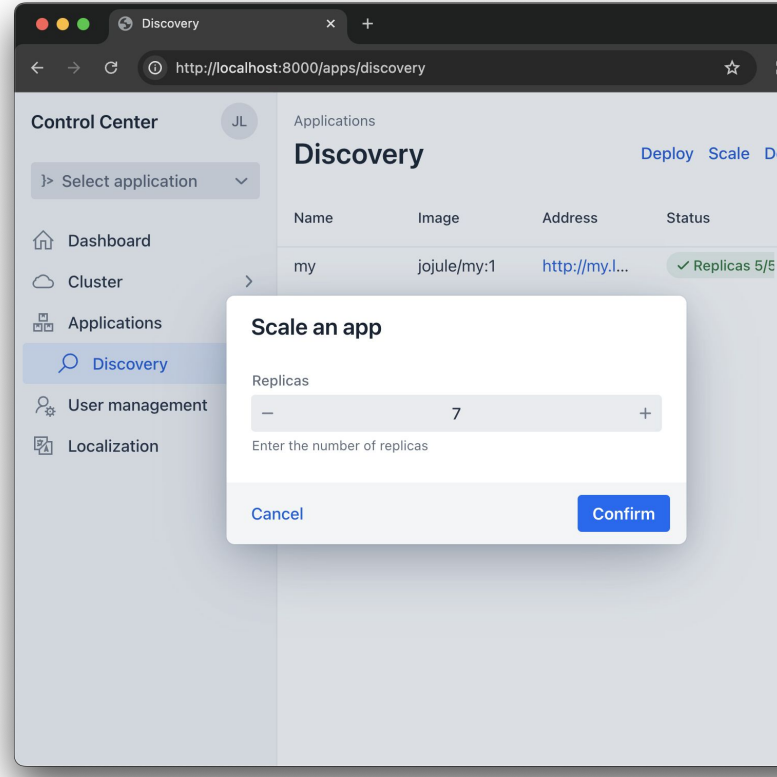
Control Center

Manage cluster
Automatically install services, generate keys, and manage secrets.

Deploy
Supports Azure, AWS, Google. As well as your in-house Kubernetes cluster.

Rolling updates*
Changes to app without interrupting users.

Preview deployments*
Deploying any commit for UI Preview.



** futured releases*

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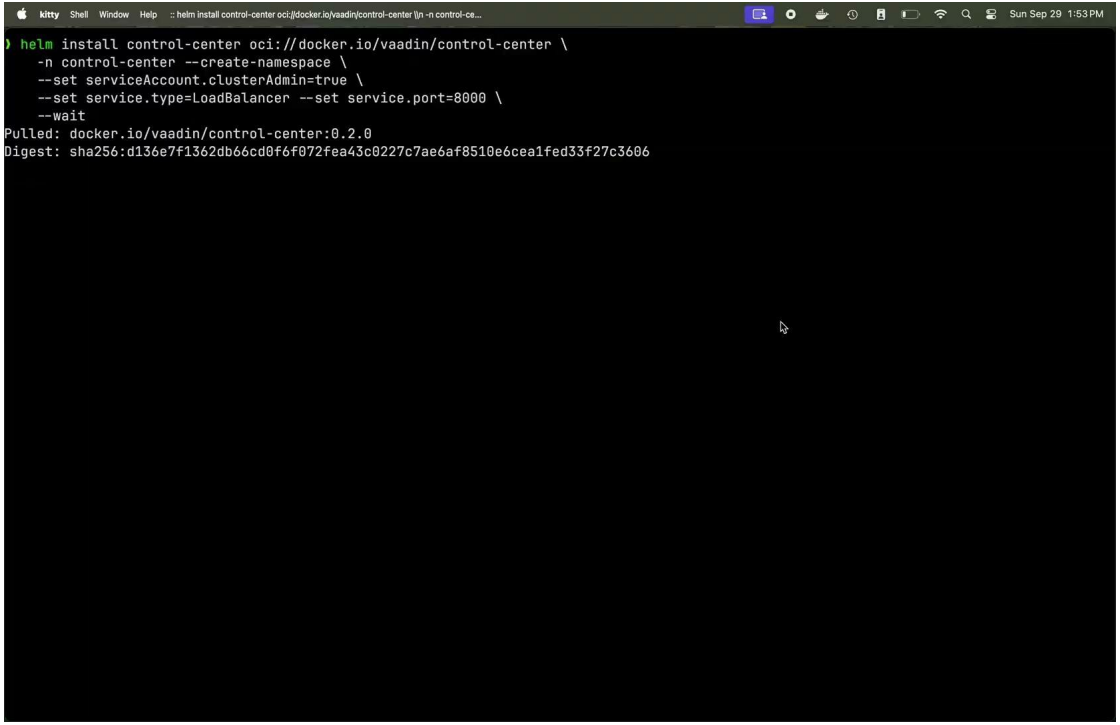
Getting started

Control Center



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Manage full-stack functionality

Control Center

User management

Out of the box admin UI for managing users.

Translations

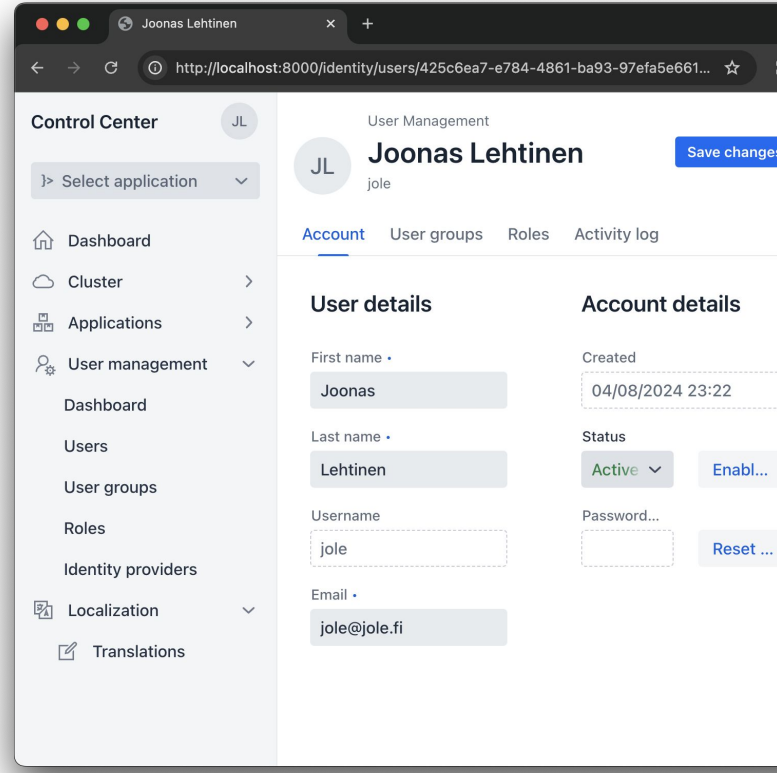
Professional translator workflows, review process, and LLM assisted translations.

Feature flags*

Manage feature roll-outs.

Database*

Generic admin-view to application database.



** futured releases*

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Monitor your Vaadin app

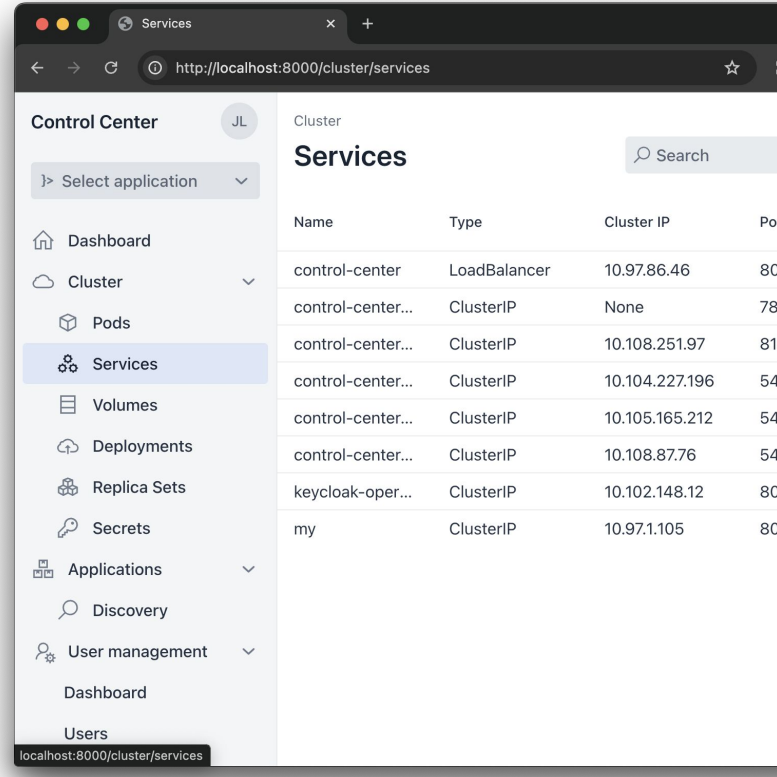
Control Center

Health*
Observability, session size. Alerts.

Security*
Custom logging, alerts, library version audits.

Performance*
Log anomalies, Endpoint latency and use, alerts.

Audit logging*
Out of application audit trails and analytics.



** futured releases*

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MIGRATE LEGACY APPS

Modernization Tool Kit

MTK-Analyzer*

Self assess your Swing- and Vaadin-Apps to generate shareable reports and evaluate potential automation rate

Dragonfly Transpiler*

A commercial tool that applies preconfigured and fine-tunes transformation rules to Swing- or Vaadin applications.

Feature Pack

Replaces the older Classic Components and isolates useful features from other frameworks and reproduces them in Vaadin Flow, now covering Vaadin 7, 8, Swing, AWT, JGoodies, and NetBeans.

* (for Eclipse and Maven)

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What’s next?

Exploring the Highlights of Vaadin 24.6

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JAVA
JAVA
JAVA
Java

Let’s code

Hello Vaadin Copilot, …

You can find the sources here
https://github.com/SebastianKuehnau/vaadin-webinar-sources/tree/v24.5-release

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WE'D LIKE TO TALK

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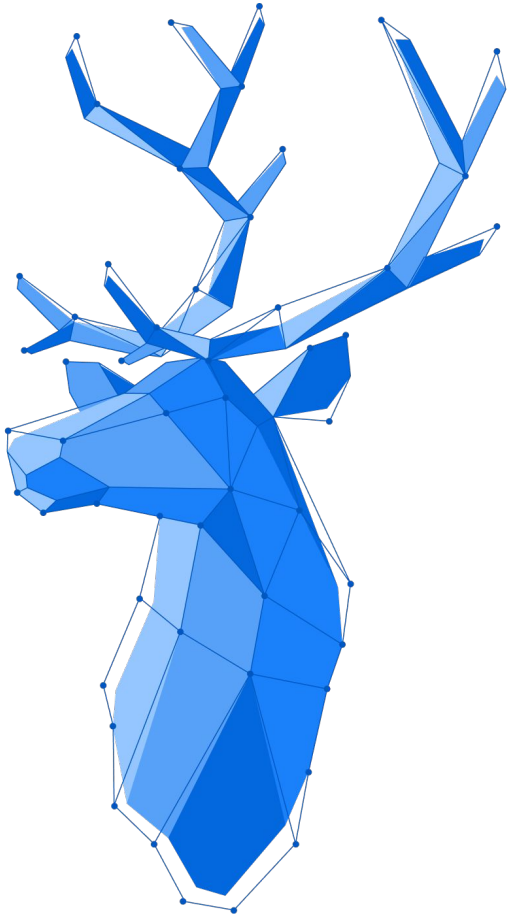

Thank you for your attention

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