

Advancements in AnyLogic Cloud — Completed Runs View and Single Sign-On

Gregory Monakhov

AnyLogic Cloud and AnyLogic 9 Product Owner

AnyLogic Conference 2024

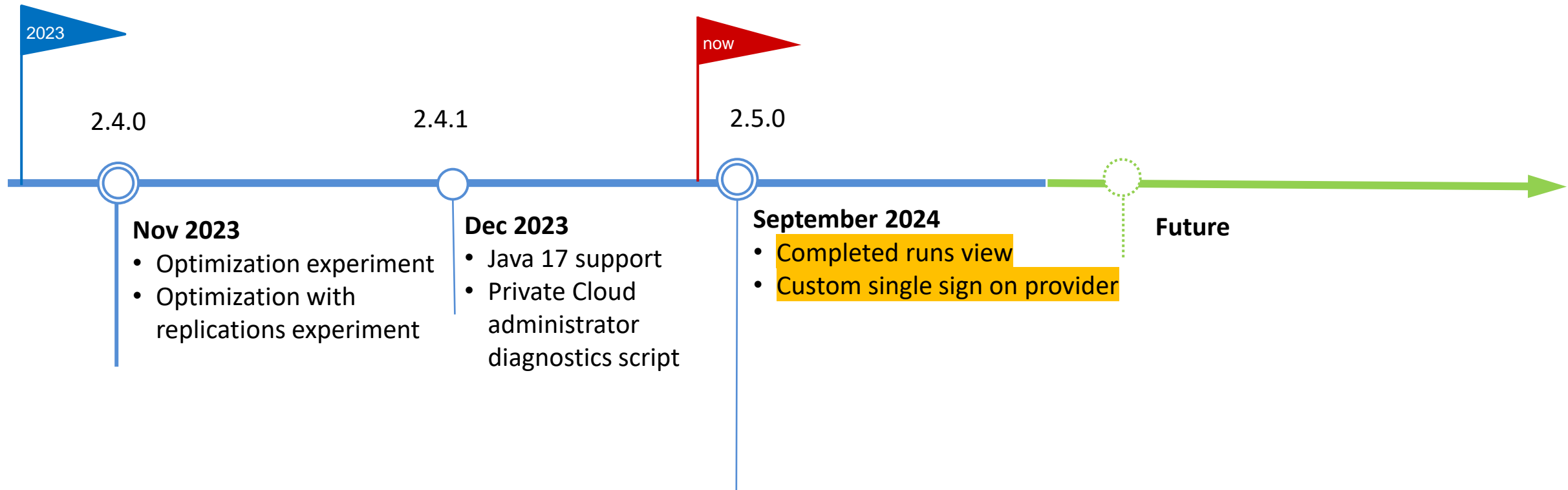


© The AnyLogic Company | www.anylogic.com


AnyLogic Cloud introduction


- Web-based environment for AnyLogic model execution and model management
 - Model files and resources storage
 - Model access management
 - User management
 - Experiment results management
 - Computational power, execute experiments in parallel
 - Only web browser is required
 - REST API
- Software as a Service
 - Free tier
 - Subscription tier
- On-premises installation – Private Cloud
 - Private Cloud Lite
 - Private Cloud Pro
 - Private Cloud Enterprise

AnyLogic Cloud Roadmap



[coming soon] Custom identity provider and SSO

 Continue with Google

 Continue with Apple

 Single sign-on (SSO)

one with sophisticated enterprise software, like Ping Identity

se simple management system, e.g. Google

ing some software, he needs an account in the software

- **Problem** – each time employee starts using some software, you need to create a new account
 - Not speaking about account deletion/deactivation when employee leaves the company
- **Solution** – single sign on (SSO) using identity provider
- Each company has its own identity provider, so customization is essential
 - Microsoft Entra ID
 - OKTA
 - Ping Identity
 - Google
 - KeyCloack
 - Other identity providers compliant with Oauth 2.0 + OpenID Connect
- Available in Private Cloud Pro and Enterprise

Custom single sign on DEMO: Google identity provider

OAuth client created

The client ID and secret can always be accessed from Credentials in APIs & Services

i OAuth access is restricted to the [test users](#) listed on your [OAuth consent screen](#)

Client ID

[REDACTED]

Client secret

[REDACTED]

Creation date

Status

Enabled

DOWNLOAD JSON

OK

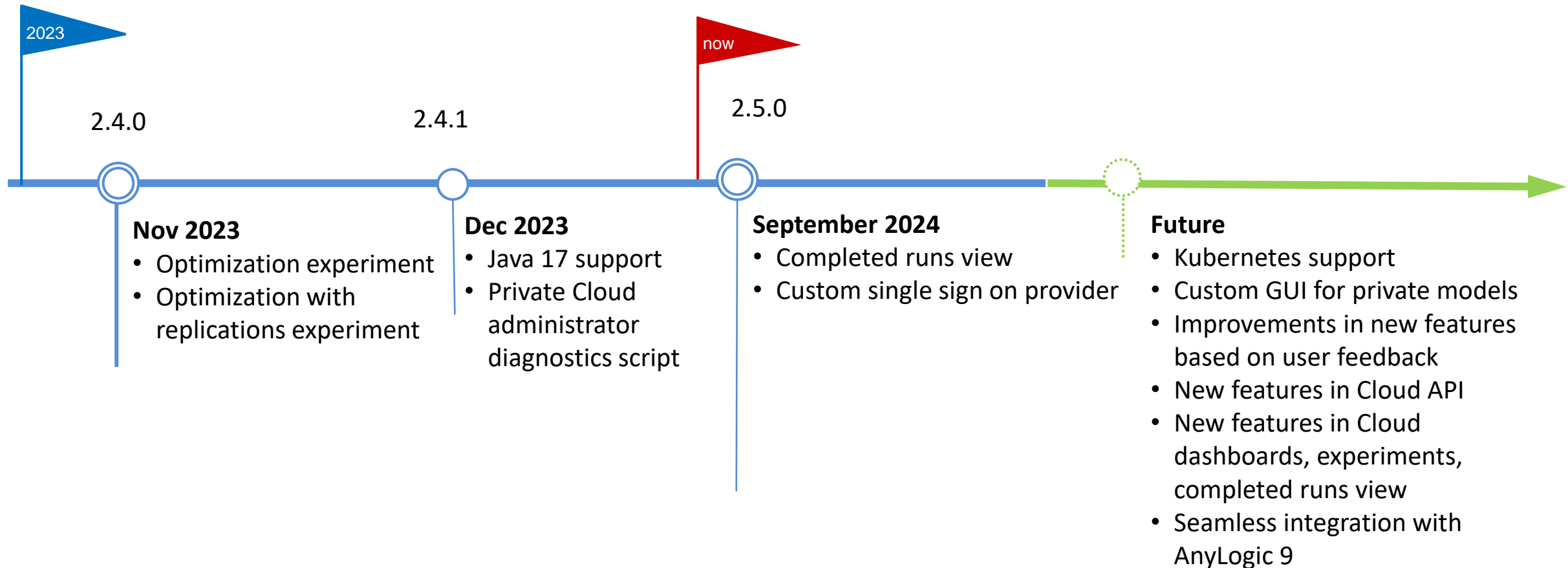
```
1 {
2   "oauthProviders": [
3     {
4       "registrationId": "google",
5       "name": "Google",
6       "providerConfiguration": {},
7       "registrationConfiguration": {
8         "client-id": "****.apps.googleusercontent.com",
9         "client-secret": "****",
10        "scope": [
11          "openid", "profile", "email"
12        ],
13        "redirect-uri": "https://test.anylogic.run/api/oauth/google"
14      }
15    }
16  ],
17  "oauthAttributes": {
18    "email": "email",
19    "name": "name"
20  }
21 }
```

[coming soon] Completed runs view

- Table view of all completed runs
 - Sort, filter, search
 - Change column order and visibility
 - Collapse and expand results of specific runs
 - Download Excel with completed runs
- Search for specific run data
- Find and analyze unexpected results
- Import run data into Tableau, PowerBI and other business intelligence software
- Download input and output files used across your experiments

DEMO: Completed Runs view

AnyLogic Cloud Roadmap



Thank you!