



Red Hat Developer Hub

Scaffolding for Cloud-native AI
Development

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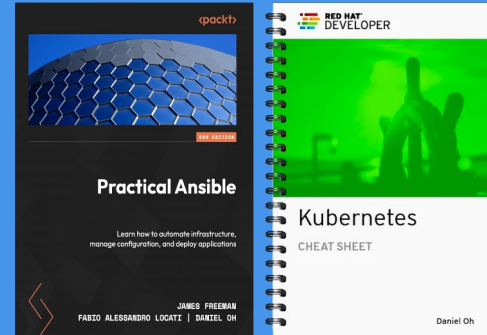
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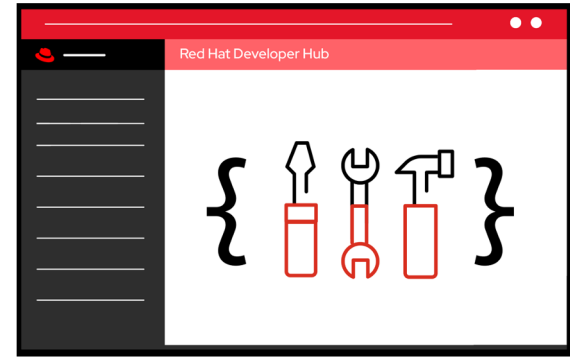
- Developer Advocate at Red Hat
 - Cloud Native Runtimes
 - AI, GitOps, and Serverless
- JAVA Champion
- Cloud Native Computing Foundation Ambassador
- App Development WG Co-Chair in CNCF TAG App Delivery
- Public Speaker & Published Author
- Living in Boston, MA USA



Java™
Champions



What is Red Hat Developer Hub?



An **enterprise-grade, open developer platform for building developer portals**, containing a **supported and opinionated framework**.

DEMO



Red Hat Value Added

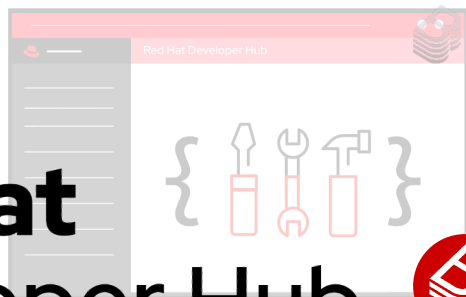


A fully customizable Developer Portal

Compatible with community resources



Red Hat Developer Hub



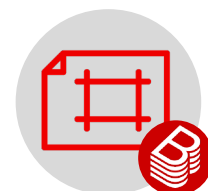
Based on
Backstage.io



**Totally
customizable**



**Custom
Plug-ins**



**Community
Template
Compatible**



**Community Plugin
Compatible**

Enterprise Grade Support 24x7

Support for both Backstage environment and the supported plug-ins



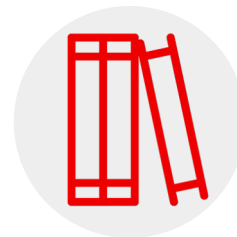
Ensuring business continuity for your whole team

Experienced professionals can assist your team's success and ensure business continuity



Security Resources at your disposal

Constantly offering CVEs and patches to ensure your Backstage environment is stable and reliable at all times



Knowledge Base and Troubleshooting

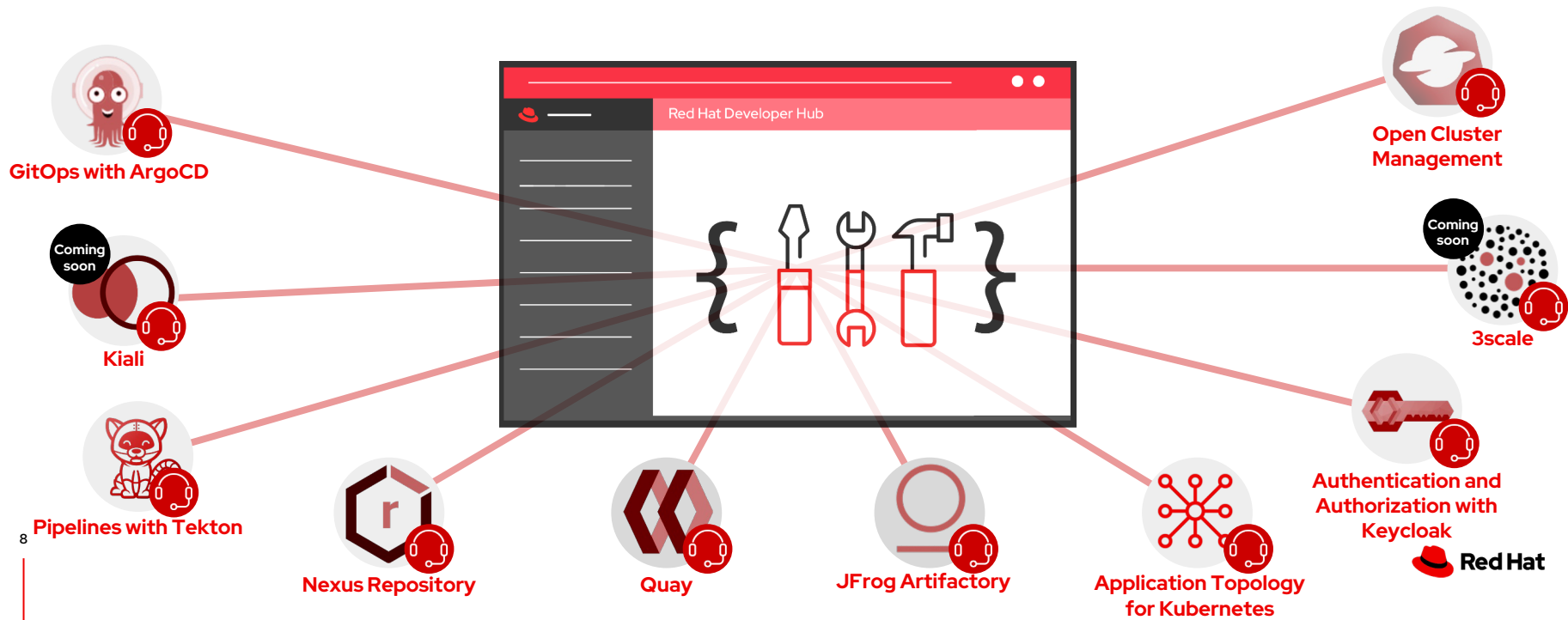
A vast knowledge base regarding the most common problems and troubleshooting guides to solve the most trivial problems



Red Hat
Supported

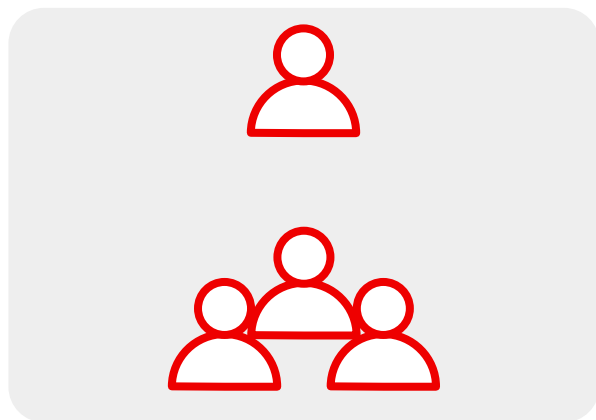
Supported for Red Hat Plug-ins

Red Hat is continuously adding new Red Hat plug-ins on Developer Hub

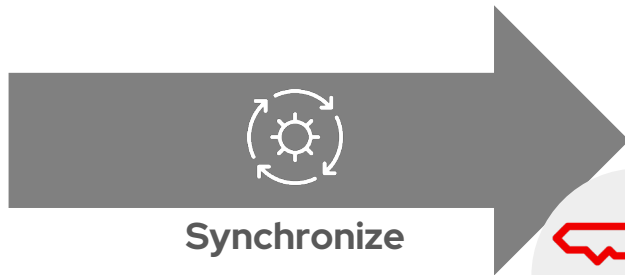


Enterprise Role Based Access Control (RBAC)

Simplify the RBAC management and adoption for Enterprise compliance



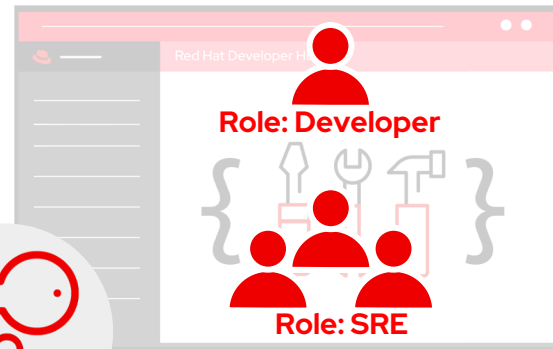
Users and Groups



Synchronize



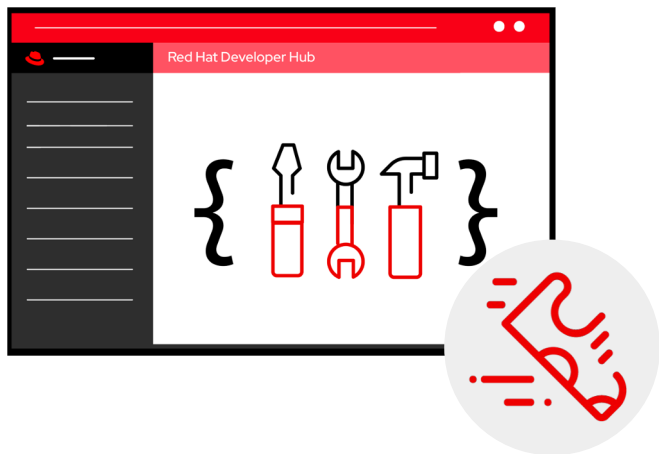
Using **YOUR**
authentication
provider



Define **Roles** and granular security permissions to ensure robust access control in an Enterprise

Dynamic plug-in Management

No more downtimes for plug-ins management



Always working

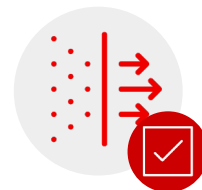
No need to ever rebuild in case of plug-in modification which require downtime for your Backstage environment



Dispense with Rebuilds and Redeploys



Install
New Plug-ins



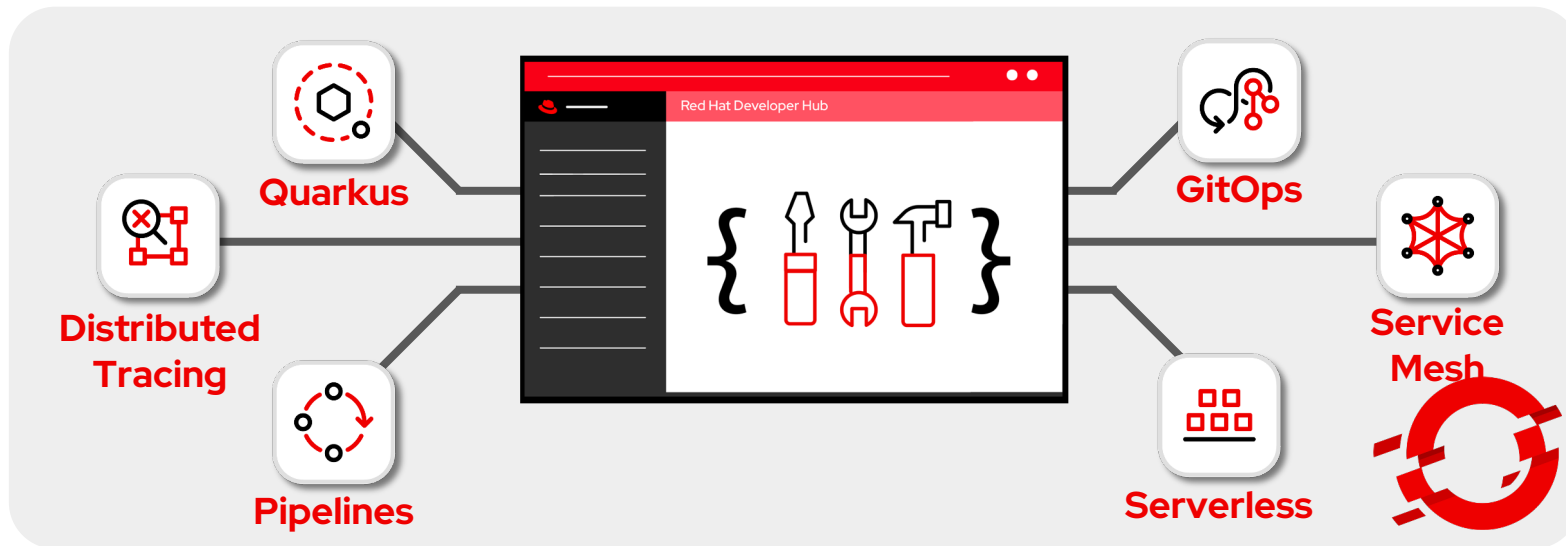
Update
Plug-ins



Remove
Plug-ins

Fully integrated with Red Hat OpenShift

Leverages on several technologies that come with OpenShift



Roadmap



1.3 (September '24)

Plugins

- App right sizing for cost management
- Red Hat Developer Hub Lightspeed v1.0 (Pre)
- Migration Toolkit for Applications (MTA)
- RHDH Insights

Platform

- RBAC Nested permissions
- Notifications
- Customizable theme
- Bulk import from Git
- Support for OpenShift Dedicated
- Be able to use a custom home page

Templates / Actions

- OpenShift AI templates v1

Released!!

1.4 (December '24)

- Plugin Marketplace
- Red Hat Developer Hub Lightspeed v1.1
- App/Infra Scorecard

- Support FIPS enable cluster
- Vanilla Backstage to RHDH migration tool
- Day 2 template management

- Orchestrator template
- OpenShift AI templates v1.1

1.5 (March '25)

- New Home page
- Partner certification / validation
- ServiceNow
- Red Hat Developer Hub Lightspeed v1.2

- Search enhancements
- Performance improvement

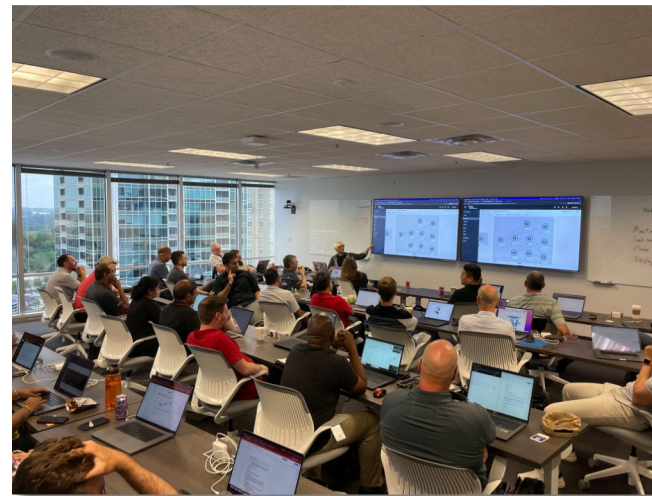
Still want to learn
more with
Hands-On Labs?



Red Hat AI Development (RAD) Roadshow

CONFIDENTIAL designer

- ▶ The premier hands-on Red Hat AI experience with full day technical workshops for developers looking to level up their AI capabilities
- ▶ **Developers** learn:
 - How to modernize and deploy cloud native AI applications across teams using internal developer portals
 - Understand developer AI concepts like prompt engineering, application testing, apply RAG patterns, observing AI applications, and using tools/agents
 - Desktop AI for experimenting and ideating using open source AI models on the desktop with Podman Desktop AI Lab
 - Building AI applications with RH Developer Hub & deploying to OpenShift AI
 - Aligning/fine-tuning open source AI models with RHEL AI and InstructLab



QnA



Quiz & Feedback



Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.

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