



Connect

Red Hat Developer Hub in the Platform Engineering Era



Red Hat

Piotr Mińkowski

Senior Solution Architect
Red Hat

Platform Engineering

Gartner named Platform Engineering as one of the top 10 strategic technology trends for 2024 and predicts that by 2026, **80% of organizations** with platform teams will provide **self-service developer portals** to improve developer experience, accelerate product innovation and reduce risk.

Source: [Gartner](#)



Rise of
Generative AI



80%

of Enterprises will have
deployed **Generative
AI-Enabled
Applications** by 2026

What a **Platform Engineering** is?



What an **Internal Developer Platform** (and Portal) is?



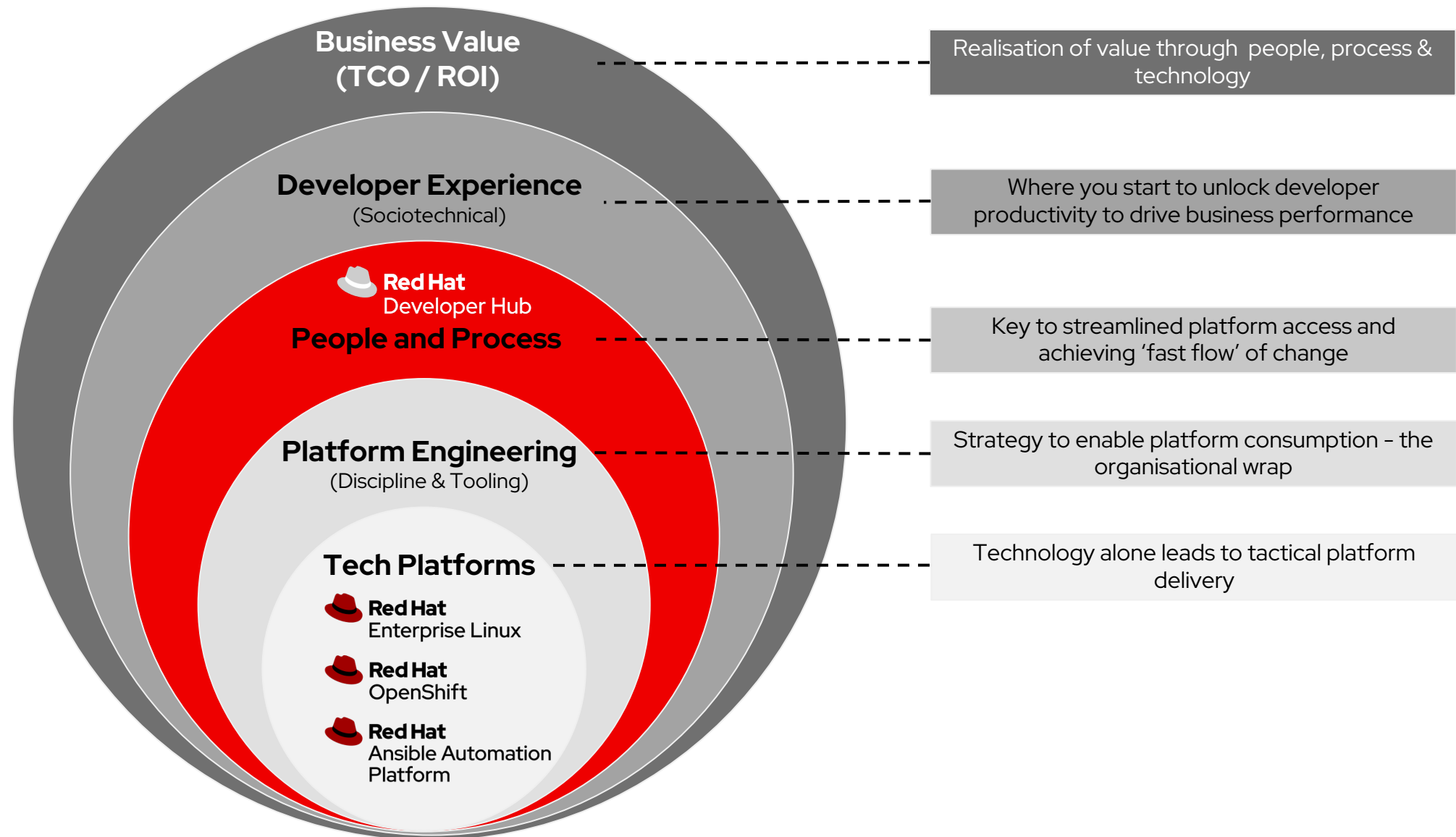
Why do you need an **IDP** in
your organization?

Why it will be **Red Hat** **Developer Hub?**

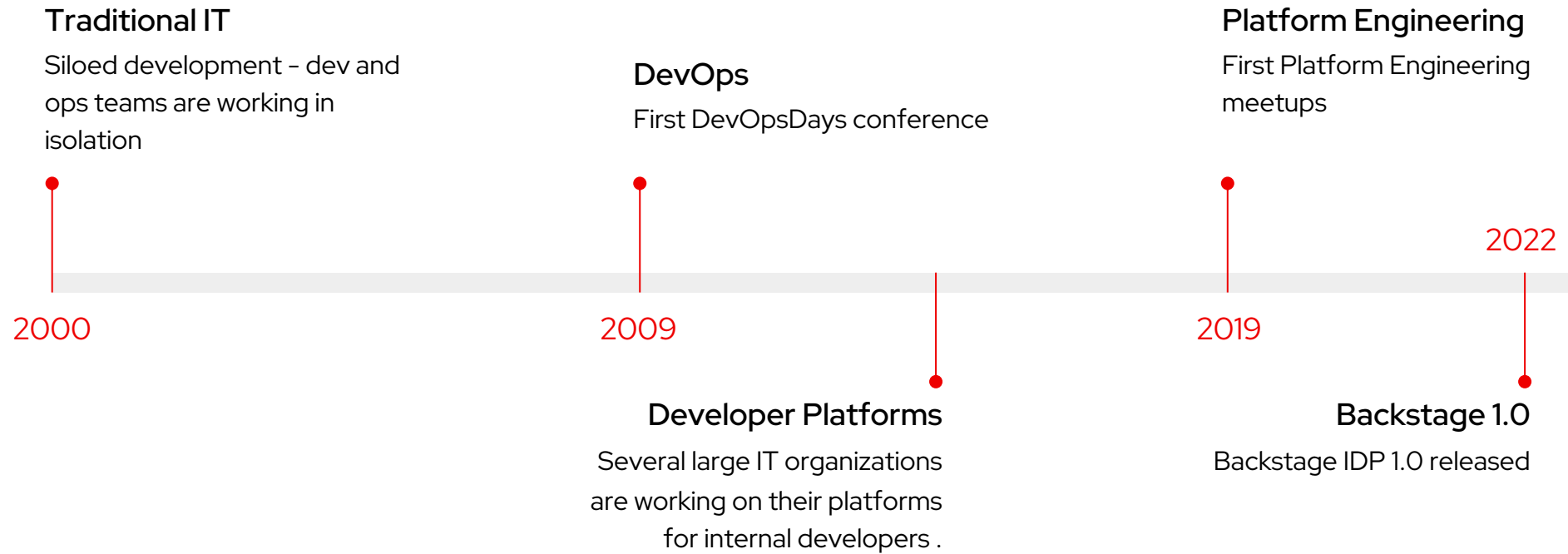
Platform Engineering

Platform engineering is a **discipline** within software development that focuses on improving productivity, application cycle time, and speed to market.

Platform Engineers curate a **customized set of tools** and processes to match the unique needs of an organization, creating self-service capabilities and automated infrastructure that empowers software developers.



Evolution to Platform Engineering





WALL OF CONFUSION





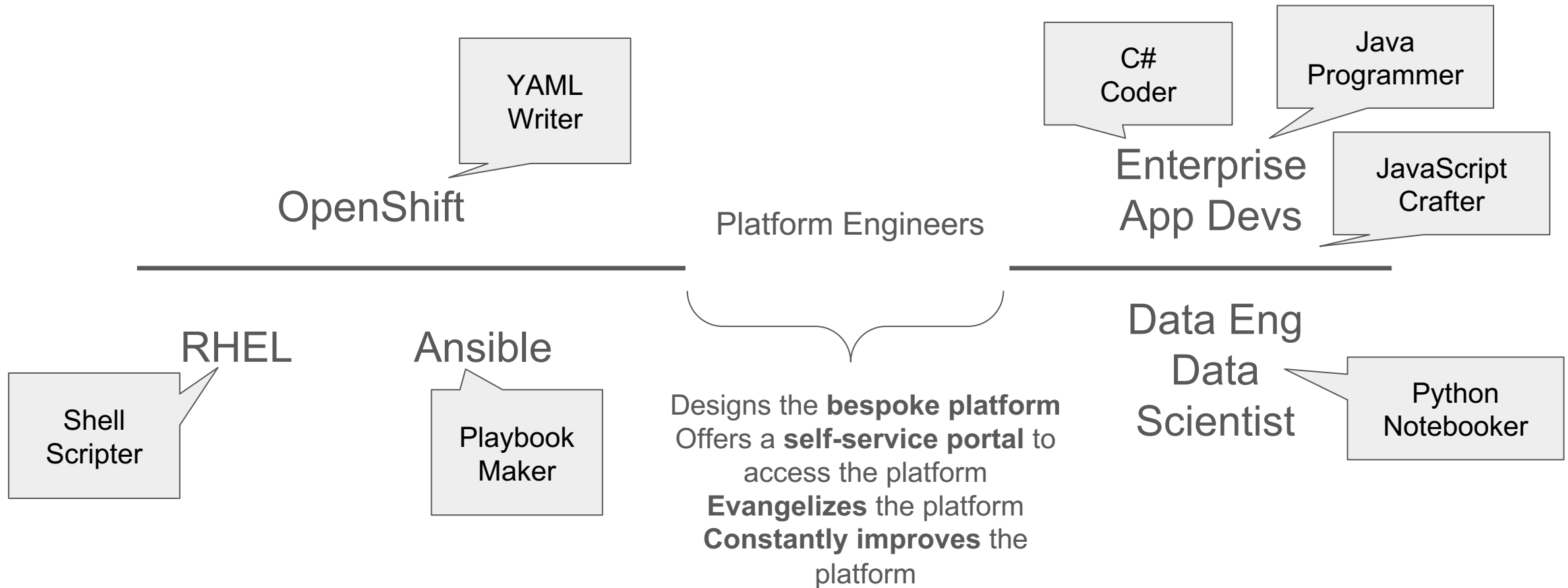
How do you think platform engineering fits into the DevOps world or is DevOps dead?



“Platform engineering is a manifestation of DevOps. It is not one or the other. It’s not contradictory. It’s not old or new. You’re bridging that collaboration. And the mechanism today is different than what used to be, where the DevOps team was something and now maybe the platform team is there.”

Patrick Debois

Generative AI and DevOps Technical Leadership | Keynote Speaker
| co-Author of DevOps Handbook



As Enterprises Grow, so does the **Friction** facing Development

Constant change. Increasing Complexity, Limited Resources.

Teams



Lack of
Self-Service
automation



Difficulties in
finding
API



Lack of
Ownership
Transparency



Too many Tools
and Dashboards



Documentation
that's poorly
maintained



Onboarding
new folks takes
too long

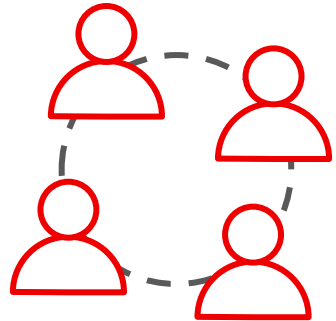
Lack of Self-Service

Too many tickets, Too Many Meetings, not enough automation

NOW



Kubernetes Quarkus



Development Team



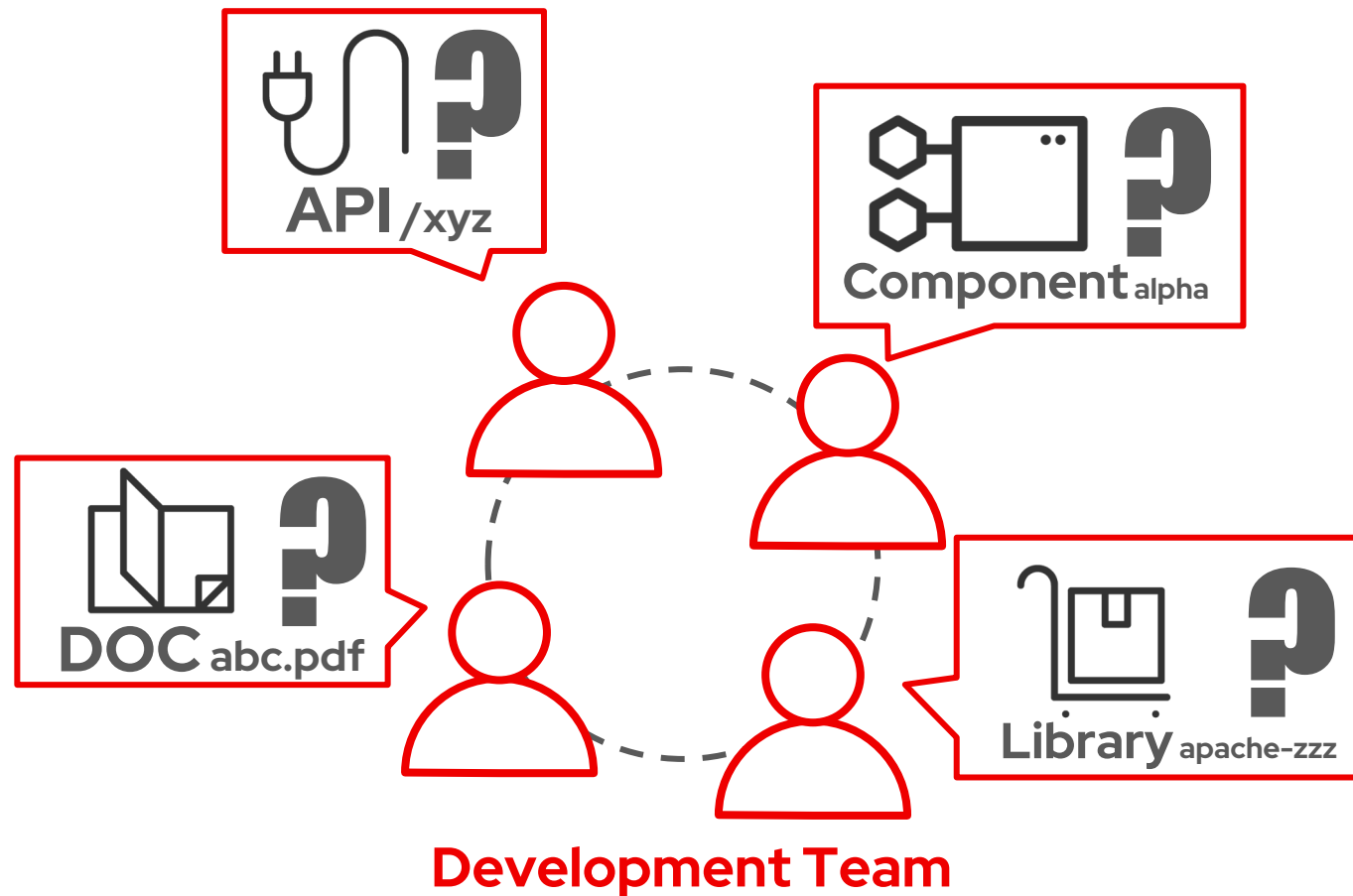
Kubernetes Cluster

Weeks Later



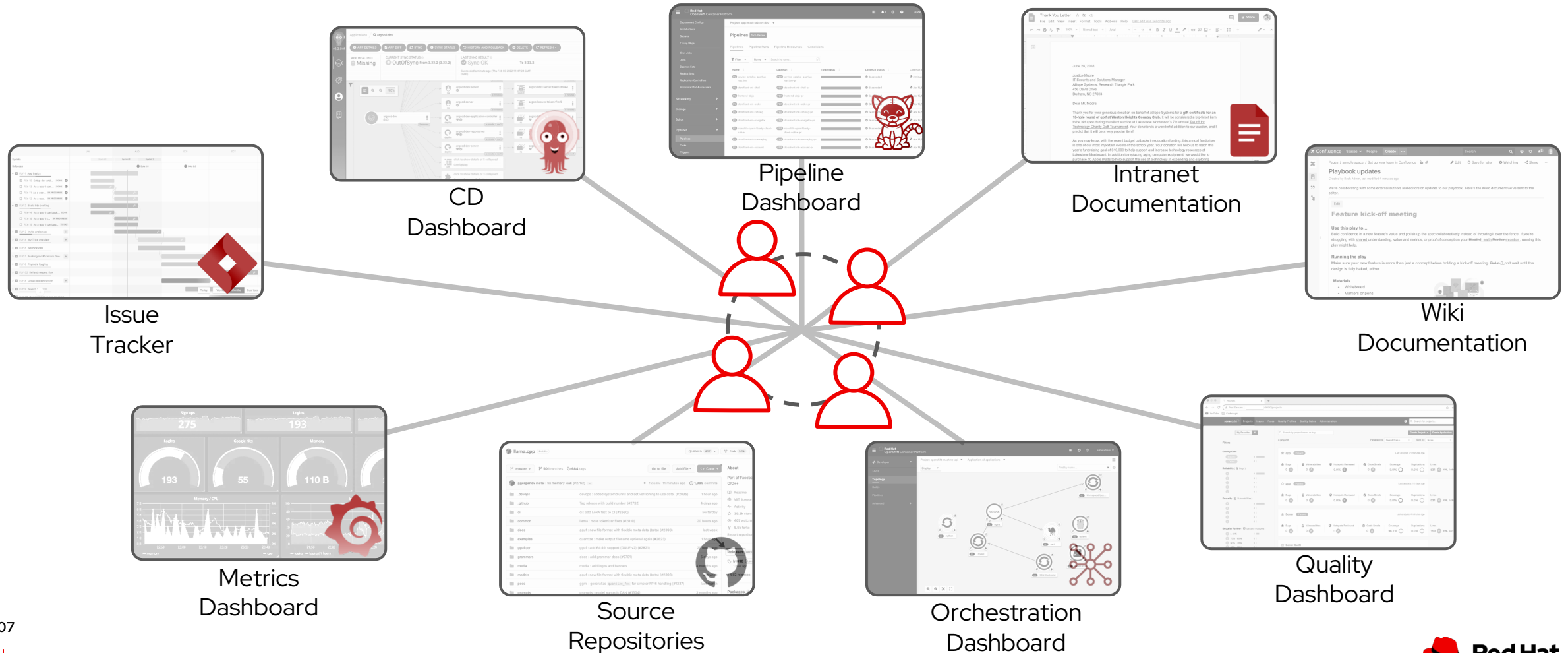
Difficulty Discovering of Development Resources

APIs, Libraries, Components and documentation that it's hard to find

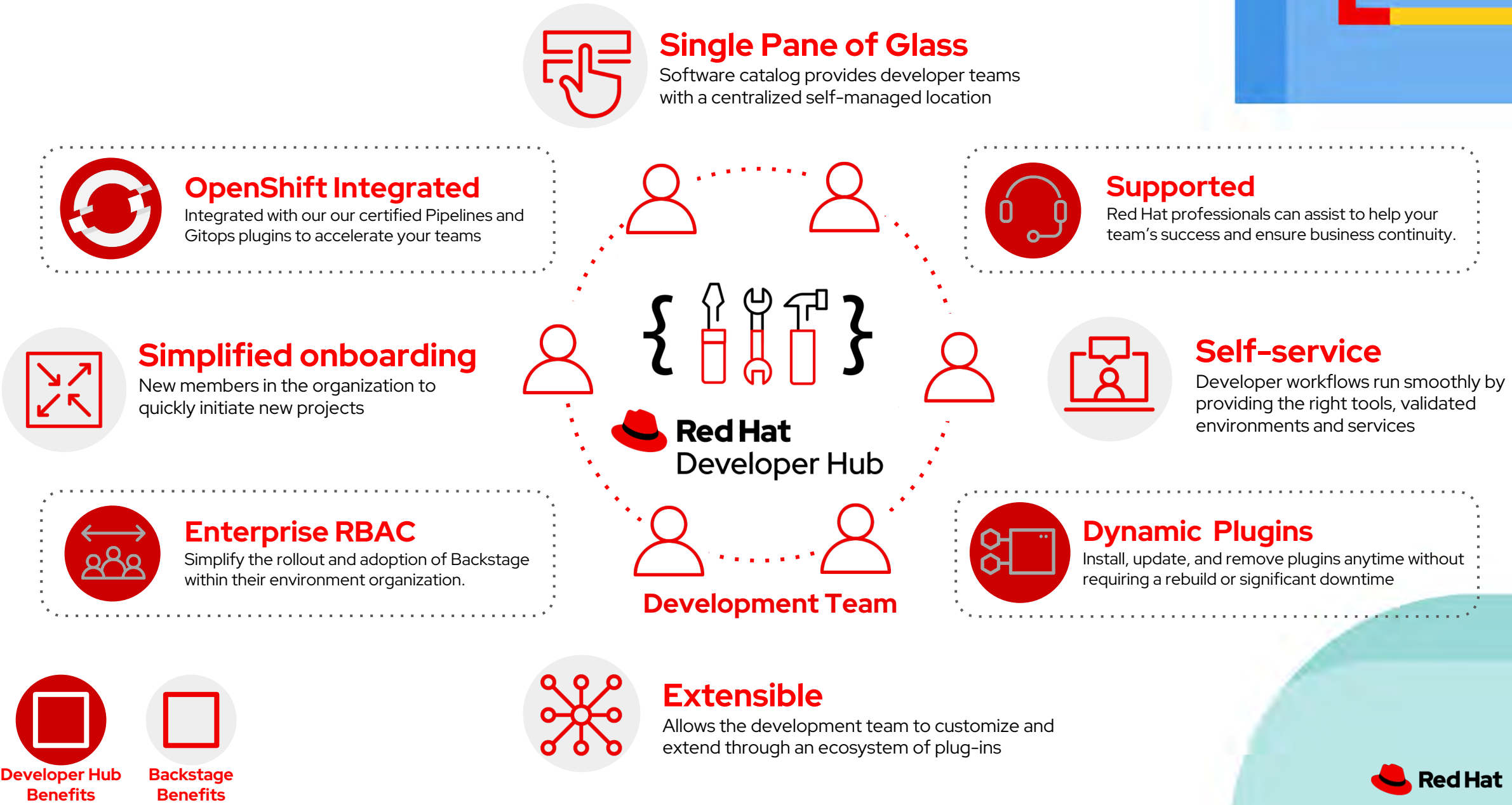


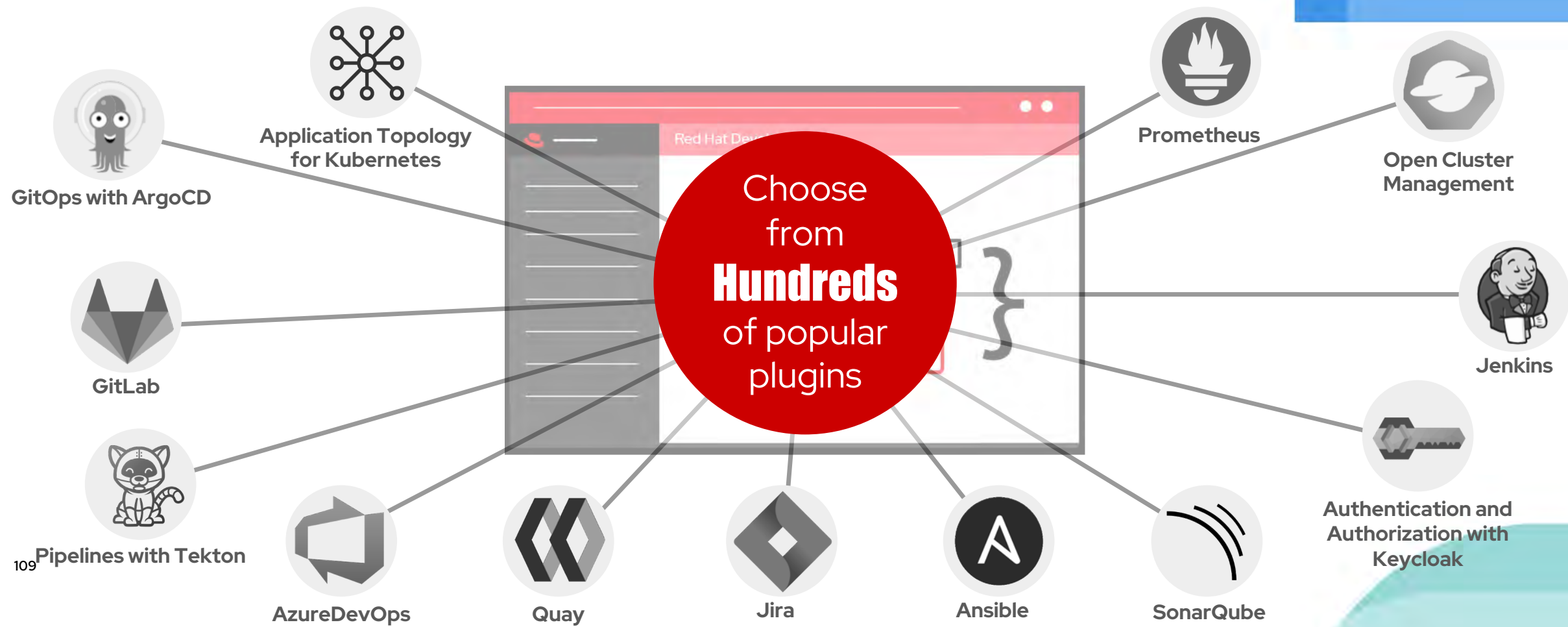
Too Many Dashboards

Multiple Browser Tabs. Distributed Documentation. Damaged "Flow"



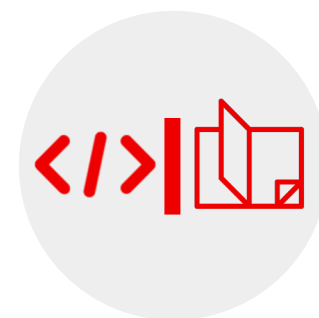
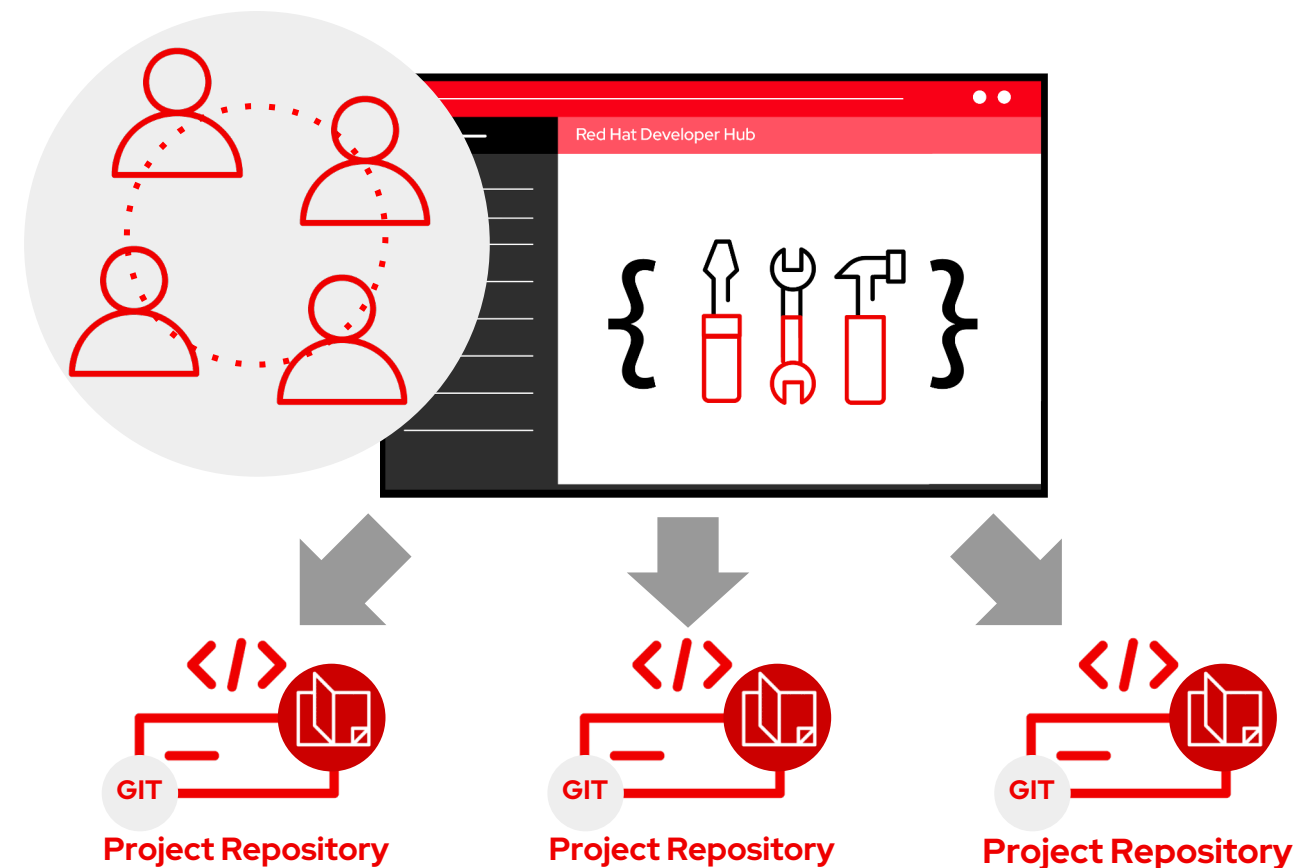
What is Developer Hub





Technical Documentation maintained as Code

Create, Keep and Search your developer documentation alongside your code



Easy Access To Your Architecture & Developer Docs

Write documentation alongside your code. Developer Hub provides self-service access when and where it's required.

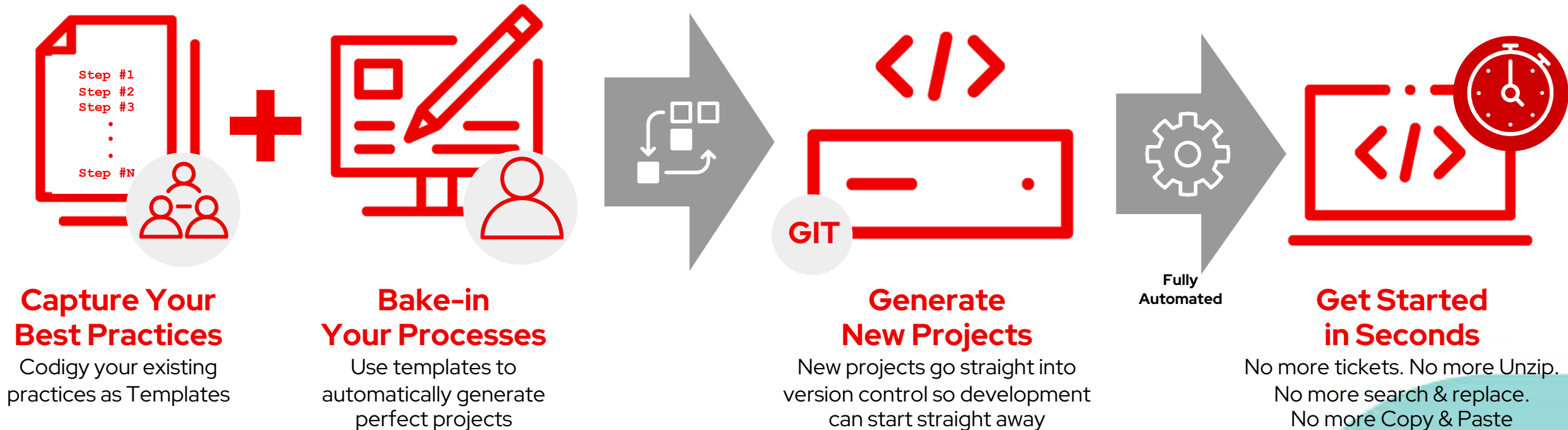


No Closed Data Formats

All docs are written in Markdown format and stored in Git reducing friction and costs at the same time

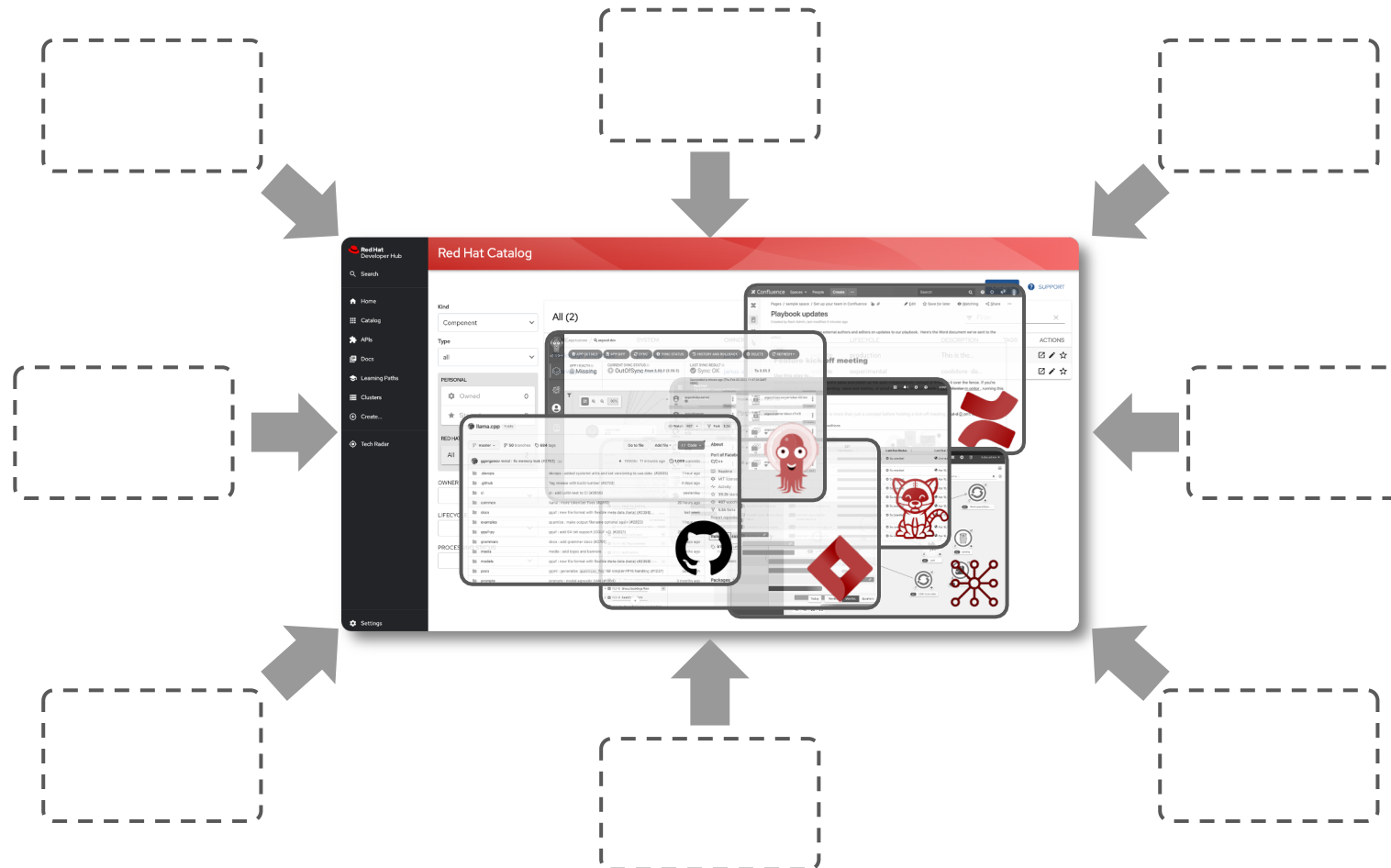
Self-Service with Software Templates

Capture and Share **YOUR** best practices



Adapt to development team needs

Plugins ecosystem allows to bring all existing tools, services and documentation into the Portal





Connect

Thank you



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