AI Software Templates in Red Hat Developer Hub

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Install Methods :: Red Hat Developer Hub

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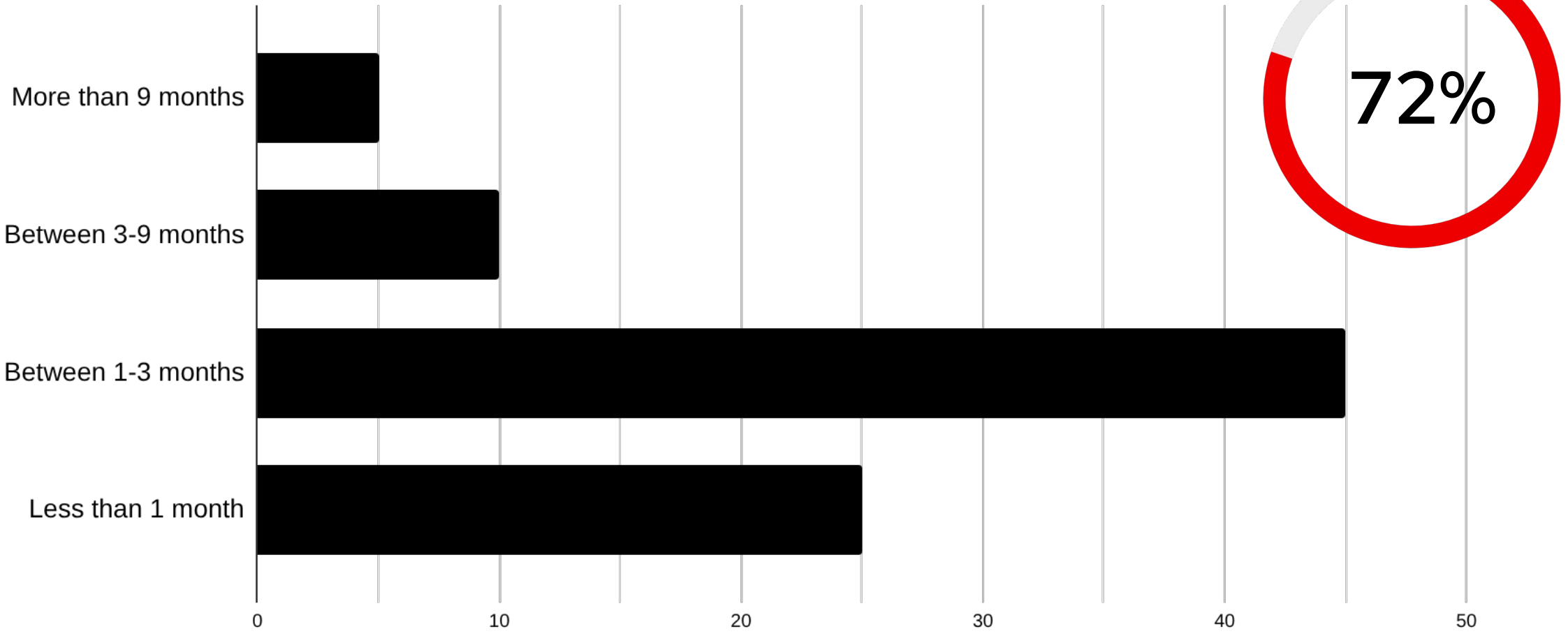
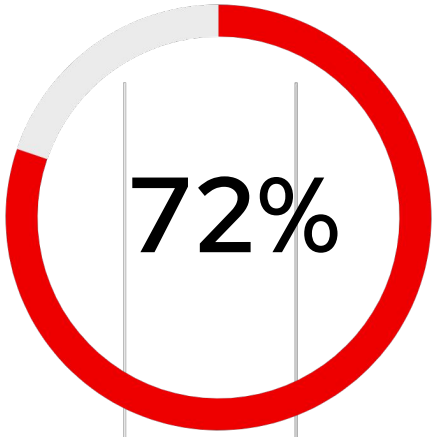
What we'll discuss today

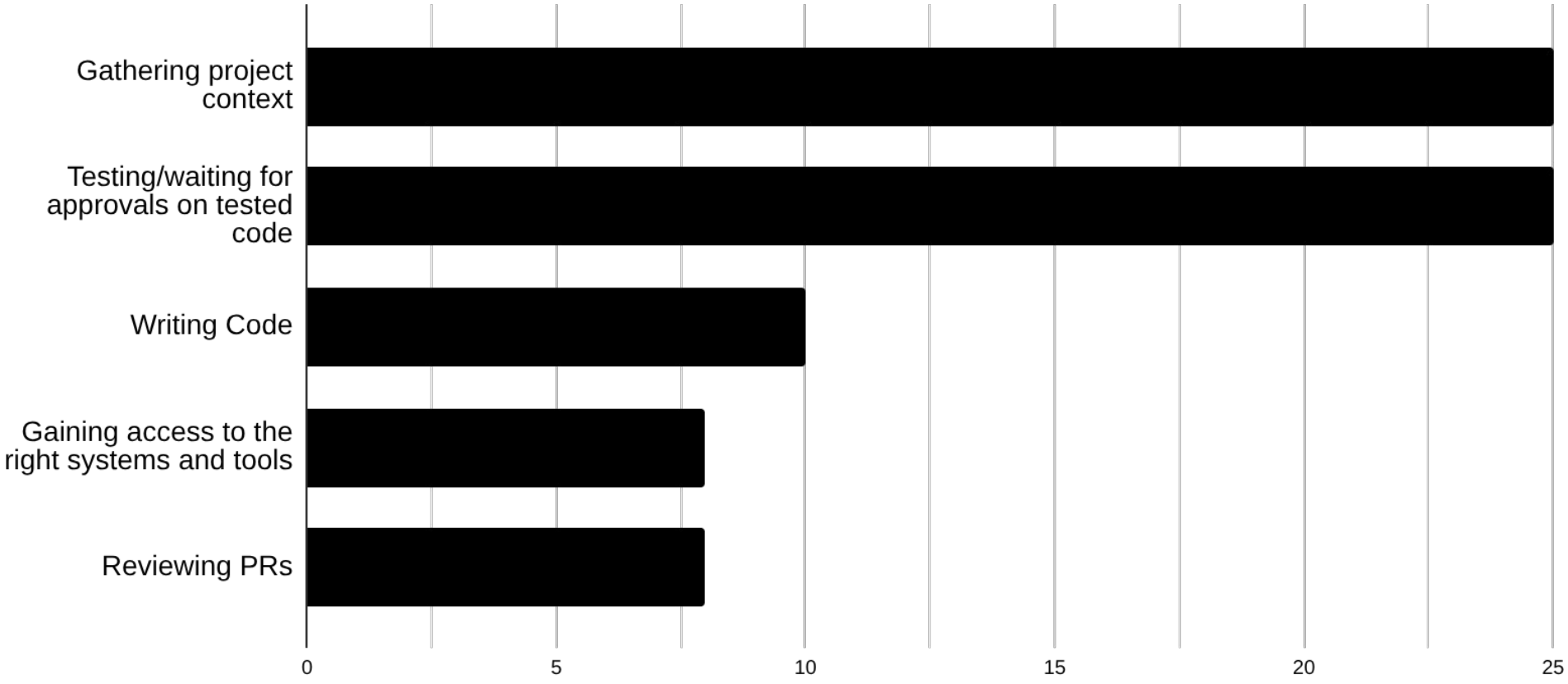
- Problem Space (Why it matters)
- What are AI Software Templates?
- Supported Use Cases/Templates
- Demo

Time to commit first 3 meaningful PRs



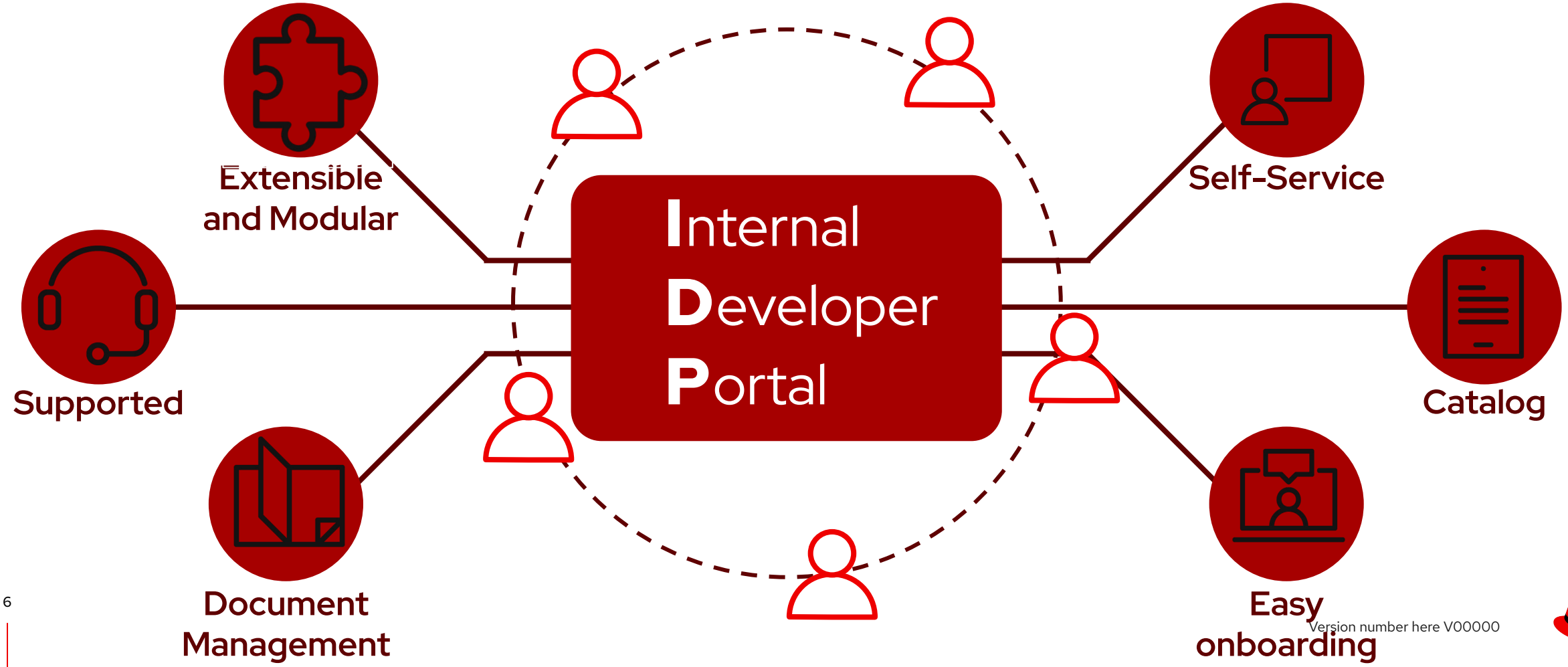


Area of top productivity leak



The solution is an Internal Developer Portal

A solution aimed to boost the development team productivity



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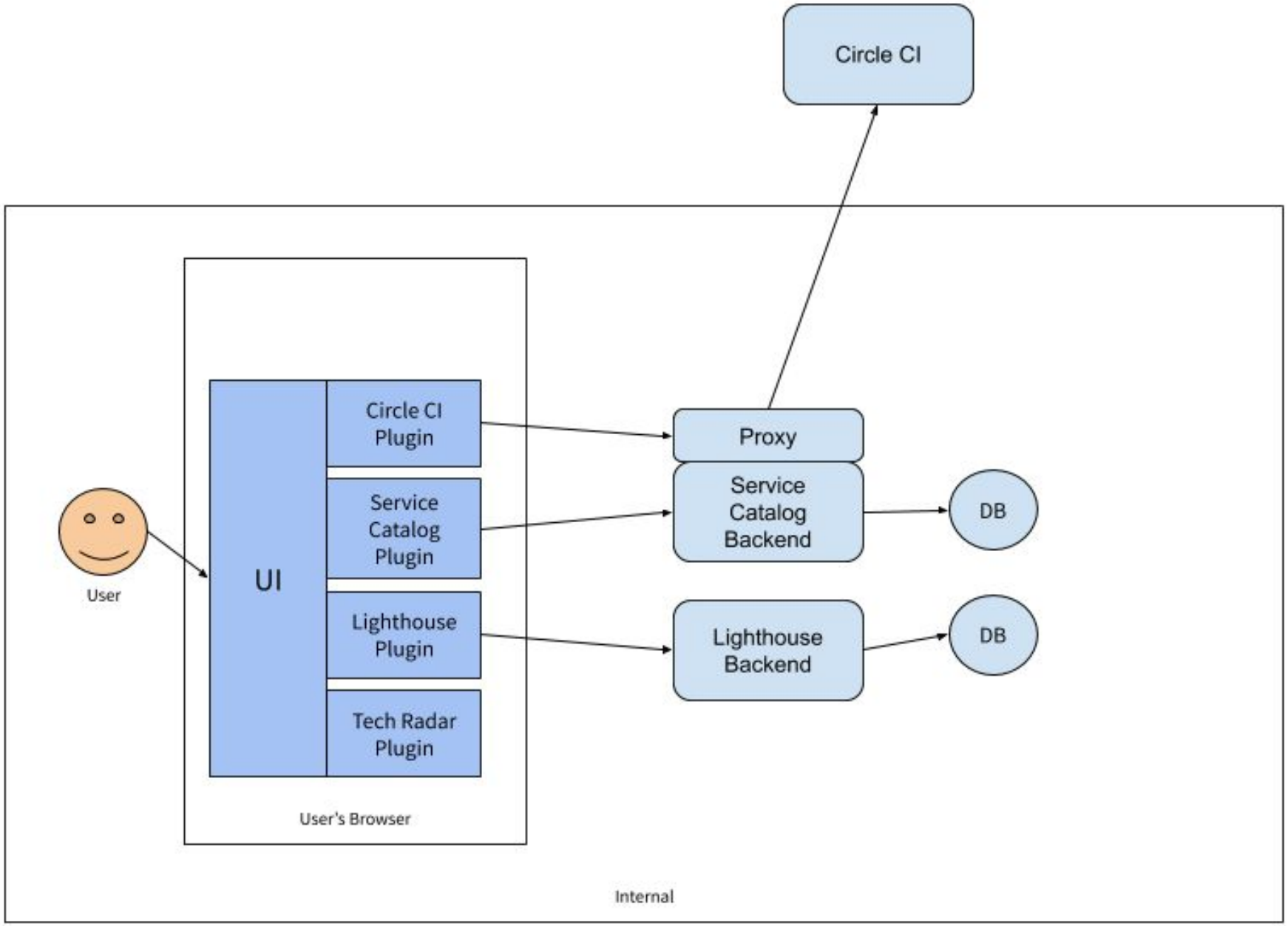
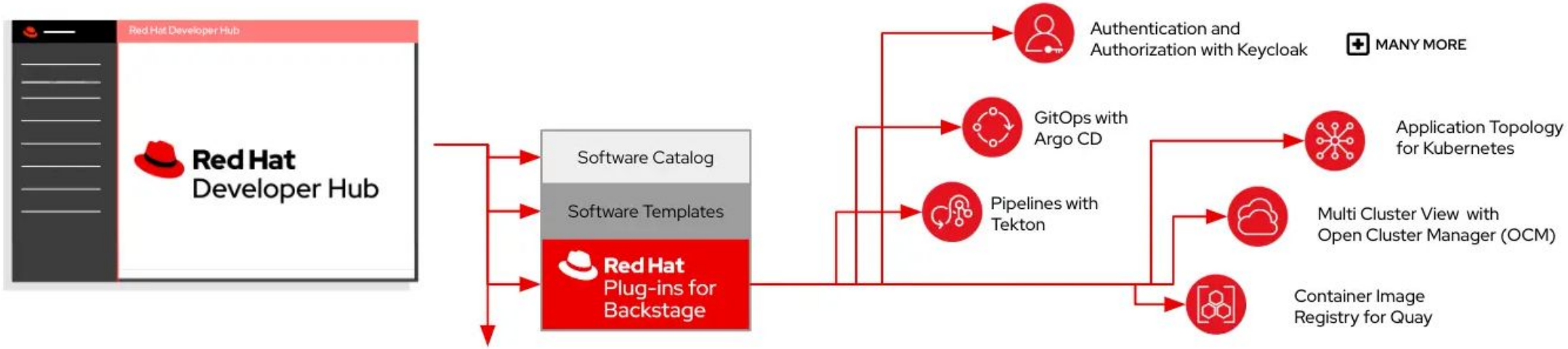

Circle CI
Circle CI Plugin
Service Catalog Plugin
Lighthouse Plugin
Tech Radar Plugin
UI
User
User's Browser
Proxy
Service Catalog Backend
Lighthouse Backend
DB
DB
Internal

Red Hat Developer Hub - Empowering engineering to deliver business value faster



Integrates with industry standards and technologies through a broad ecosystem.

git Jenkins MANY MORE

Based on Backstage, an open source platform for building developer portals.

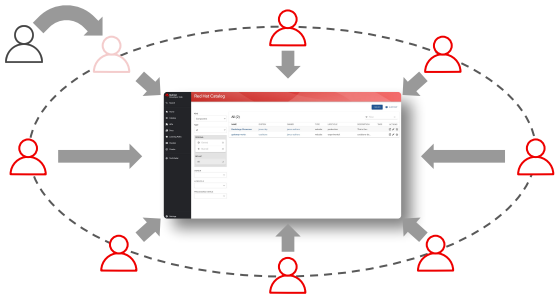
Backstage

Consistent developer experience across environments.

Physical Virtual Hybrid aws Azure IBM Cloud Red Hat OpenShift

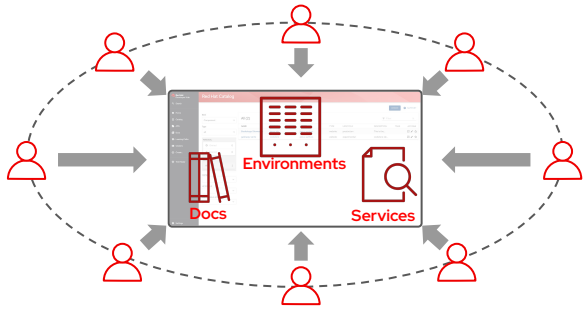
Most Common Use Cases

Get organized to make it easier for the development team to deliver value faster



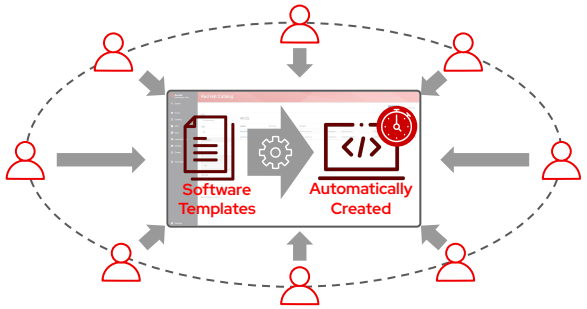
Single Pane of Glass

Having a single place where the whole development team (including new members) can discover and collaborate



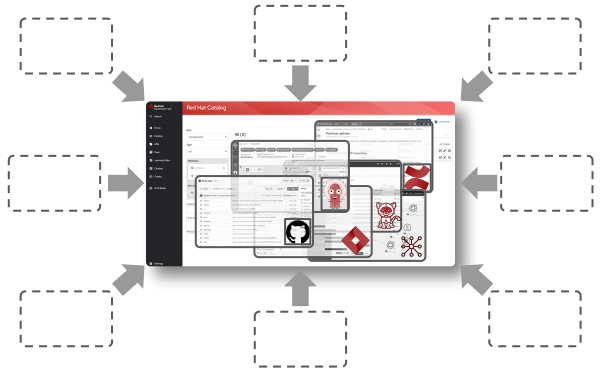
Self-Service with a Unified Dashboard

Get immediately access to all necessary services and documentation the development team needs



Best Practices Delivered Automatically

Software Templates helps the team get the work done faster



Customized Portal for Development Teams

Plug-ins ecosystem allows development teams to bring all existing tools, services and documentation into a customized portal

What are AI Software Templates

Specialized template that scaffold AI applications

- Built for:
  - LLM-based app
  - ML workloads needing inference pipelines
  - GitOps + CI/CD + OpenShift AI integration
- Include prebuilt components:
  - Python app with model integration
  - Tekton pipelines for build/test/deploy
  - ArgoCD-managed GitOps repo
  - Secrets, service accounts, image registries
  - Deployment namespace

Source:
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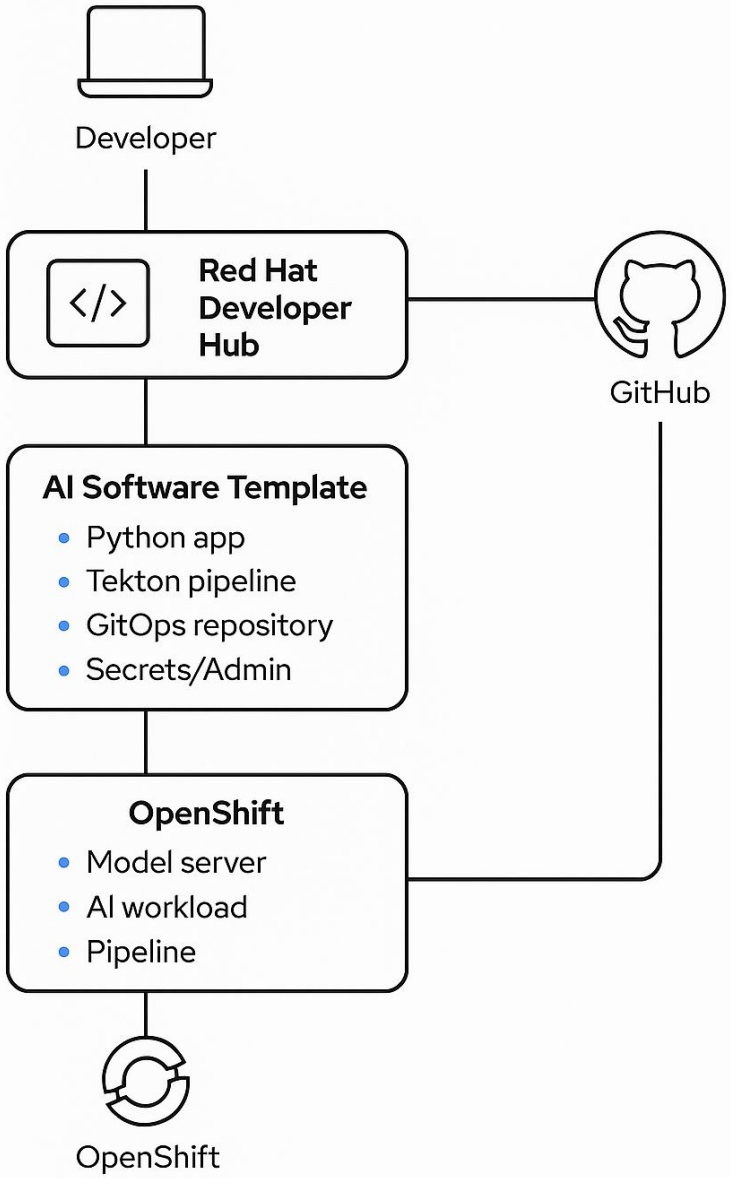
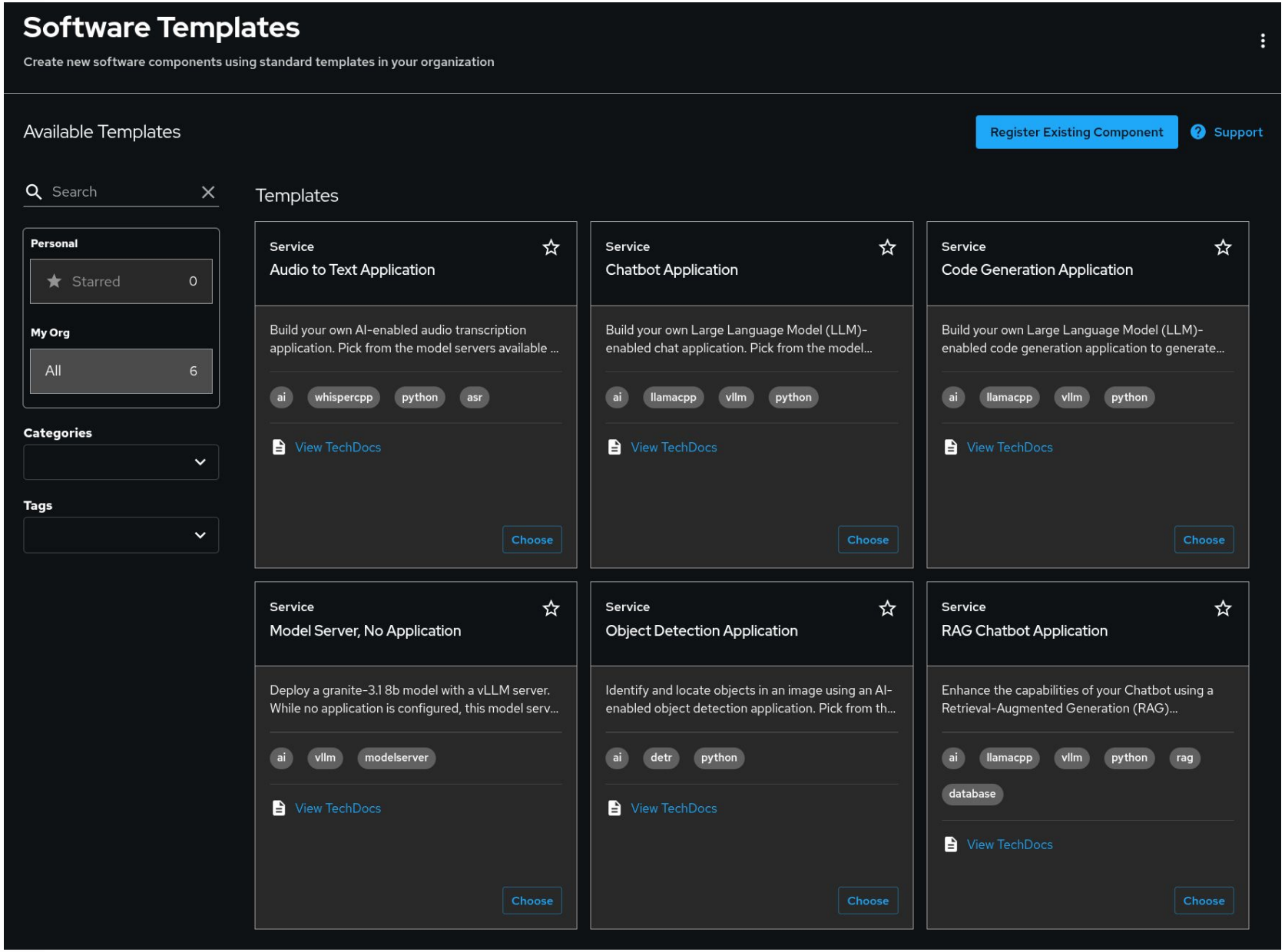
AI Software Templates





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Starred
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LIFECYCLE
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DEMO

Red Hat

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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