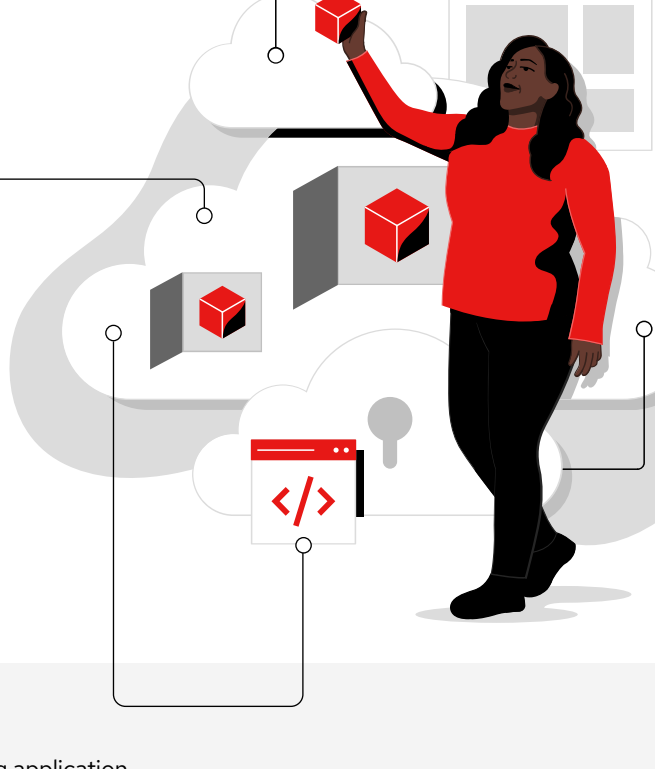


Increase your team's productivity with an internal developer portal

Ease onboarding, automate best practices, and centralize common tasks

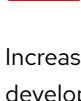
Using modern application development practices with disparate systems and distributed teams can lead to struggles between competing operational goals, diverse technologies, and inconsistent best practices. All of this can impede developer productivity.



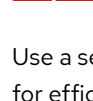
With Red Hat® Developer Hub—an enterprise-grade, supported version of the open source Backstage tool for building developer portals—organizations can reduce friction and increase productivity with a unified

environment for managing application components and resources, services, and the development life cycle, including code, technical documentation, infrastructure, and deployment.

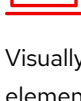
Using Red Hat Developer Hub to build an internal developer portal allows you to:



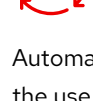
Increase the productivity of your entire development team and help them deliver software solutions on time, on budget, and with a focus on security.



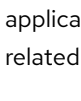
Use a self-service single pane of glass for efficient onboarding and easy access for new team members.



Visually consolidate the various elements of the development process.



Automate with best practices through the use of software templates.



Centralize technology resources such as technical documentation, application programming interfaces (APIs), and all relevant information related to a specific project.

As outlined in the [Developer Portals e-book](#), Red Hat Developer Hub builds off of the defining features of the open source tool Backstage to address several key software development challenges, such as complexity, collaboration, visibility, and productivity.

- **Centralized software catalog** to keep track of application ownership and metadata for all the software in your organization.
- **Technical documentation** with user-friendly maintenance that is accessible using a documentation as code approach.
- **Plug-ins ecosystem** to extend functionality and provide customization to your organization's needs.
- **Software templates** to help you spin up new projects and standardize tooling with your organization's best practices.
- **Search capabilities** to help you find anything you need without navigating to another dashboard.



Hello [cruel] world

Writing "Hello World" hasn't gotten any harder, but running it has. Between running a container, storing it in an automated pipeline, building it in a registry, and writing a manifest to declare how it should be orchestrated, there is a lot to write that is not your application.

Solve common application development challenges

The main benefits of an internal developer portal will be seen by enterprise architects, platform engineers, and other professionals with similar job functions, as it addresses some of the most common challenges they face in creating efficient application development processes.

Challenge #1

Managing the increasing complexity of applications

An internal developer portal not only reduces complexity by abstracting and automating many development processes, but it also centralizes access to all of the tools, libraries, source boilerplates, and configurations development teams require.



Challenge #2

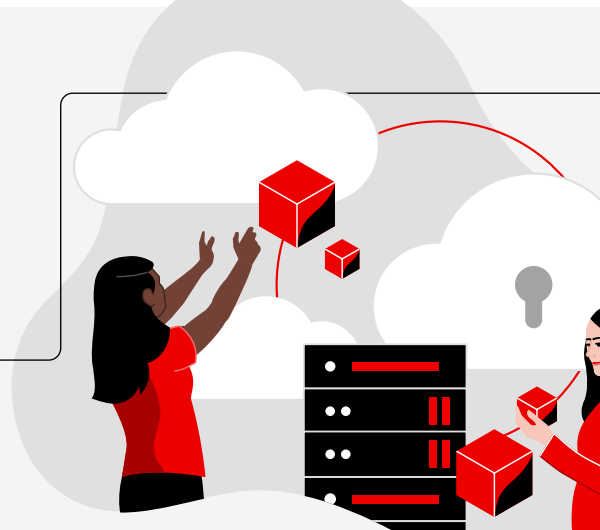
Collaborating with divided systems and teams

An internal developer portal promotes collaboration by offering teams shared resources, standardized workflows, and a uniform development experience.

Challenge #3

Promoting consistency and standardization

An internal developer portal promotes consistency and standardization across an entire organization and its various teams and processes, with a central repository of tools and templates.



How Red Hat Developer Hub works

The key tools and functionalities that comprise Red Hat Developer Hub include the Backstage platform it was built on, support for a large range of curated and custom plug-ins, and a library of prebuilt software templates to address common development challenges.

Explore the [Developer Portals e-book](#) to learn more about how they work and how to use them.

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supported dynamic plug-ins available with Red Hat Developer Hub



Enterprise-grade Backstage

Build your developer portal and encapsulate your tools, services, documentation, and best practices to simplify onboarding and daily development.



Curated and custom plug-ins

Access a growing ecosystem of supported integration and automation plug-ins, including those curated by Red Hat, as well as support for custom plug-ins.



Software templates

Build on the foundation of prebuilt software templates that include executables, compilers of standard versions, boilerplate code, build configurations, and more.

Delivering value for organizations of all sizes

Combating the dual struggles of securing access to vital resources while adhering to organizational best practices is a challenge almost every organization faces.

Developer Hub provides scalable tools that address this, making it beneficial to organizations of all sizes and experience levels.

Benefits for less experienced organizations: Curated automation and integration plug-ins reduce complexity and software templates provide a base to build applications from, allowing smaller organizations with minimal experience to build modern, innovative applications.

Benefits for more experienced organizations: Centralized access to tools, services, documentation, and best practices help organizations provide consistent access to resources and adherence to best practices across their entire organization, no matter how large.

Start streamlining your application development

[Download the Developer portals e-book](#) to learn more about how Red Hat Developer Hub can benefit your organization, including full details on how each of the components work and how to use them to build an internal developer platform within your own operations.

Visit the [Red Hat Developer Hub](#) to get started today.

