



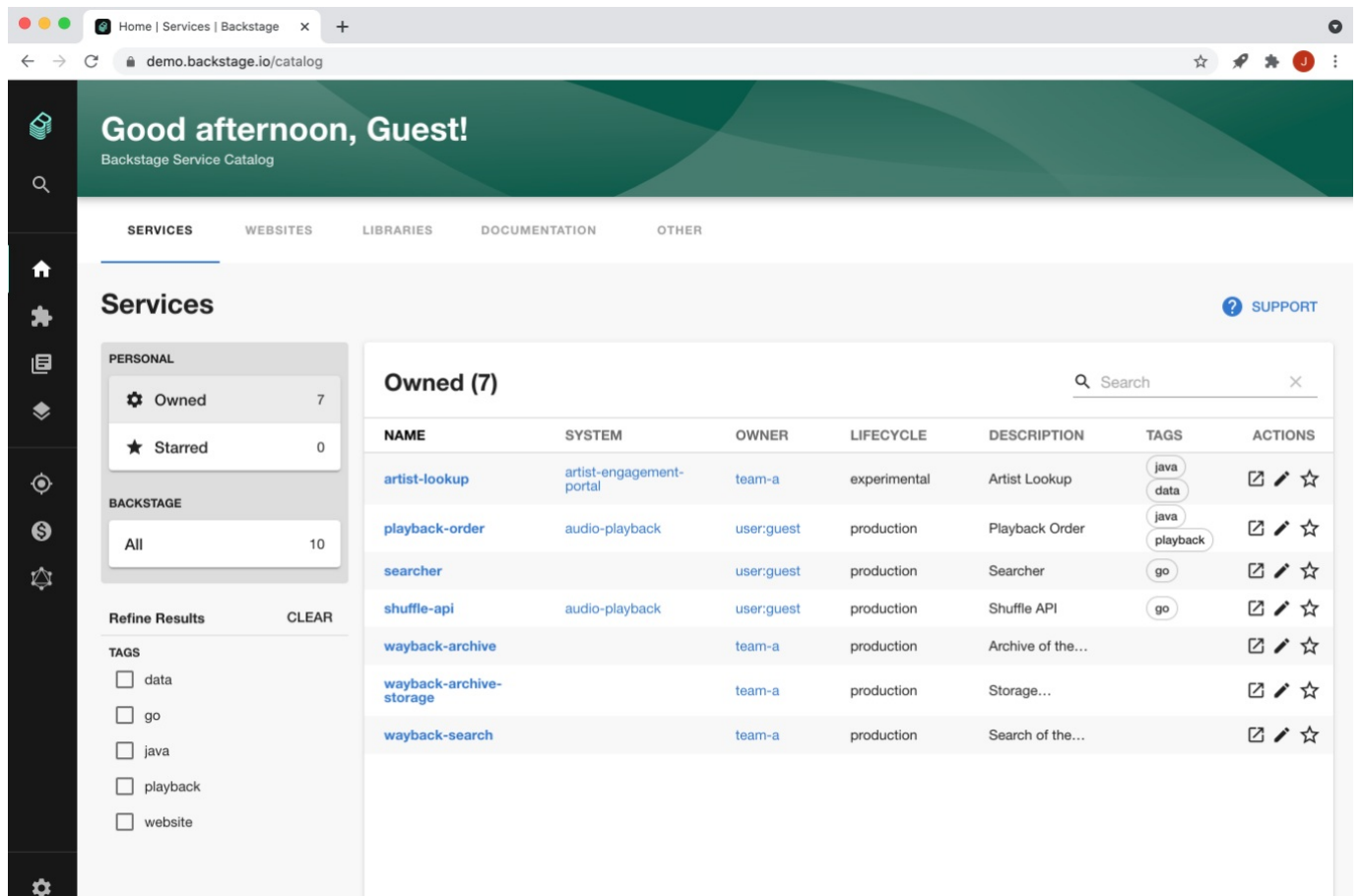
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Backstage Software Catalog and Developer Platform

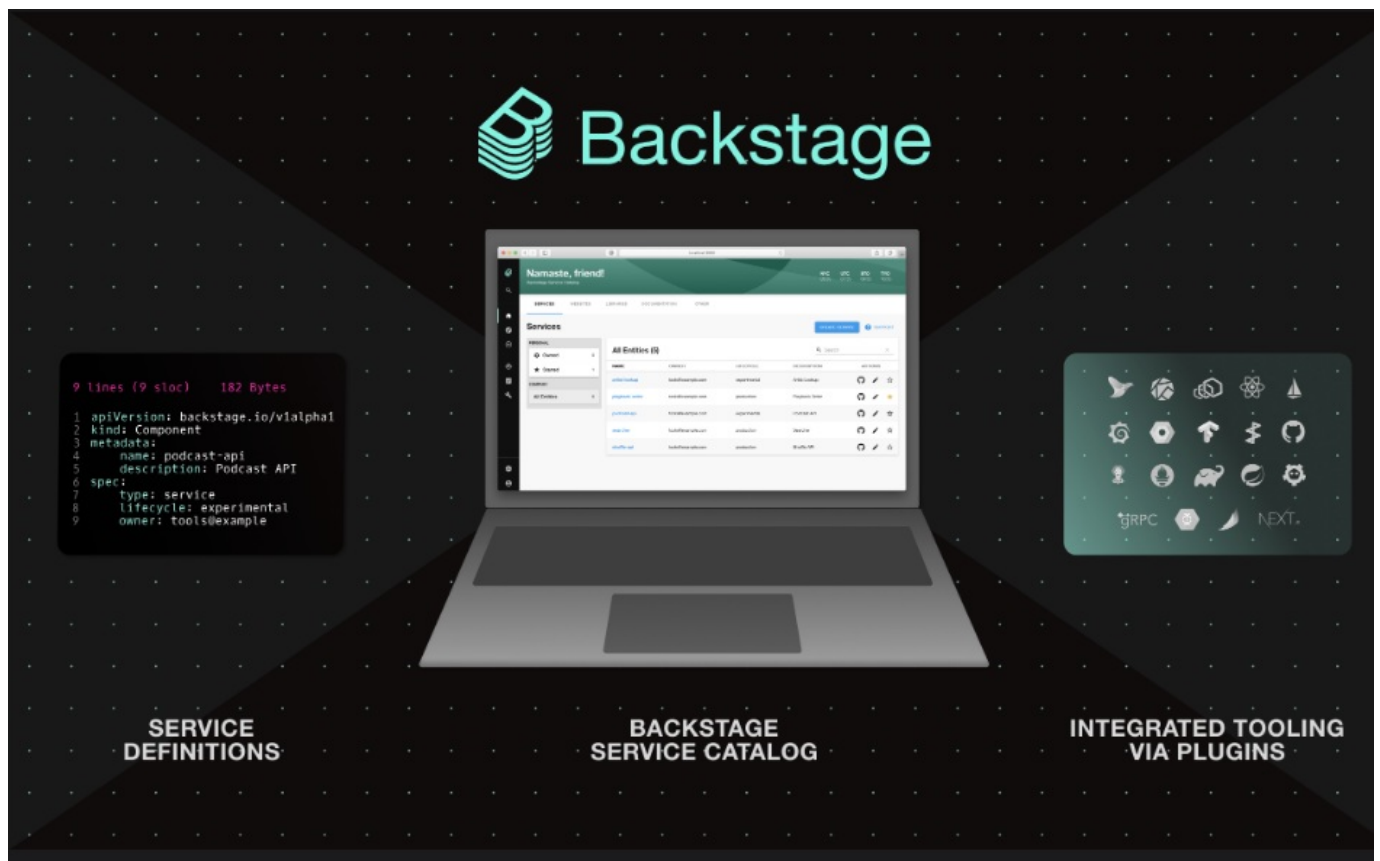


Specifications

- **Model:** Adapter Backstage
- **Supported Devices:** Android and Apple phones
- **Wi-Fi Network:** Default PS – 88888888
- **IP Address for Submission:** 192.168.1.101

What is a Software Catalog

The Backstage Software Catalog is a centralized system that keeps track of ownership and metadata for all the software in your ecosystem (services, websites, libraries, data pipelines, etc). The catalog is built around the concept of metadata YAML files stored together with the code, which are then harvested and visualized in Backstage.



How it works

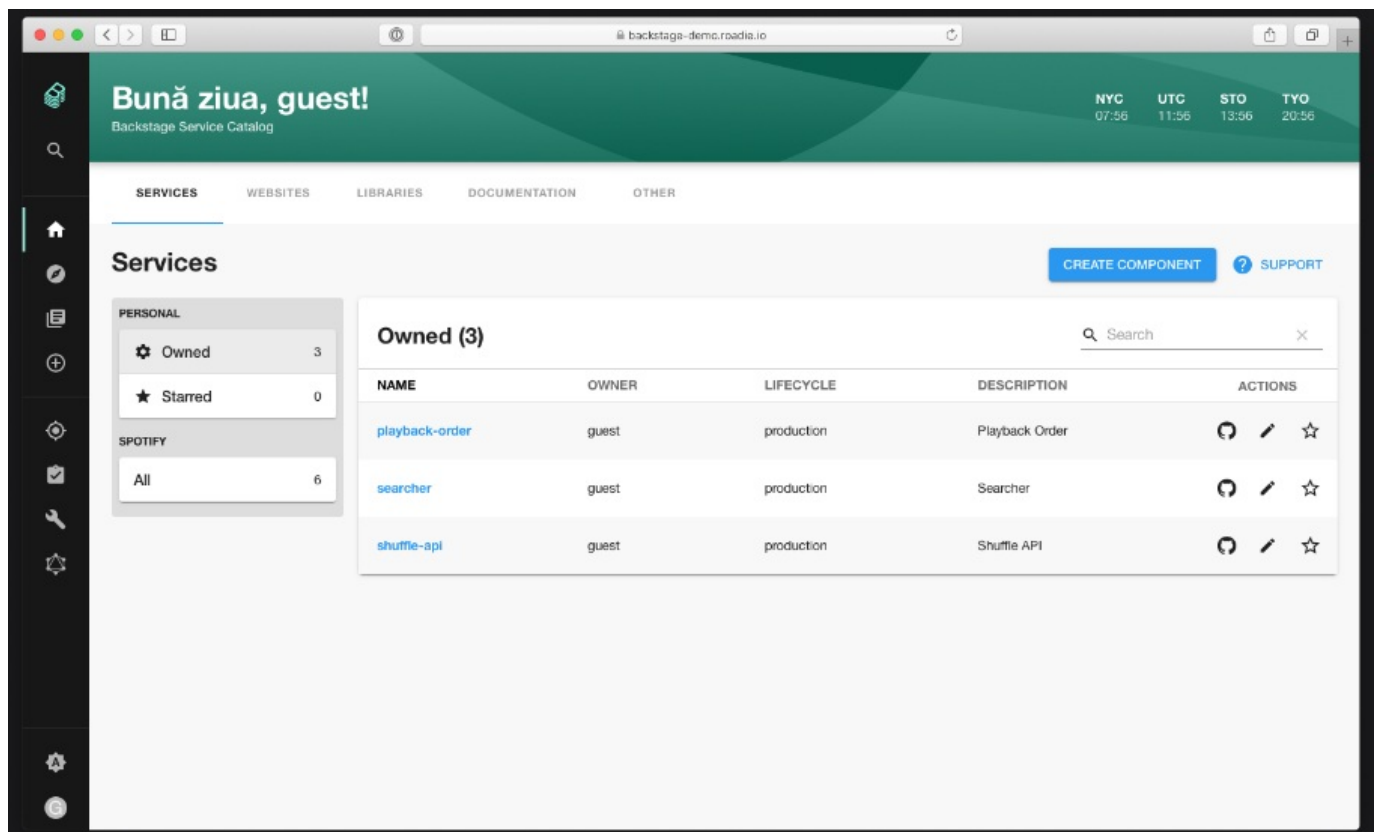
Backstage and the Backstage Software Catalog make it easy for one team to manage 10 services — and makes it possible for your company to manage thousands of them.

More specifically, the Software Catalog enables two main use-cases

1. Helping teams manage and maintain the software they own. Teams get a uniform view of all their software; services, libraries, websites, ML models — you name it, Backstage knows all about it.
2. Makes all the software in your company, and who owns it, discoverable. No more orphan software hiding in the dark corners of your software ecosystem.

Getting Started

The Software Catalog is available to browse at `/catalog`. If you've followed Getting Started with Backstage, you should be able to browse the catalog at `http://localhost:3000`.



Adding components to the catalog

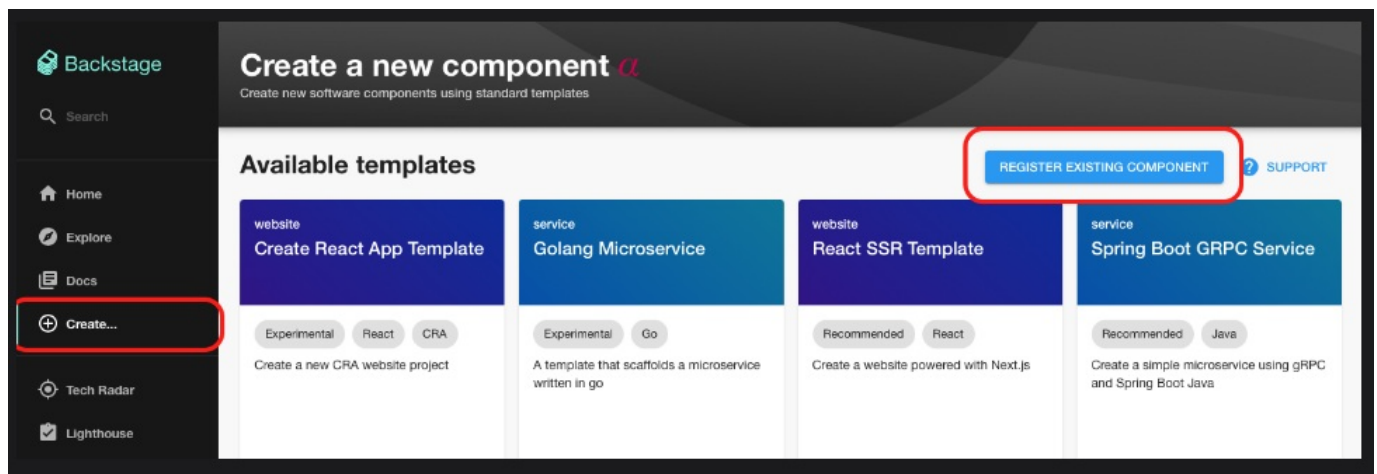
The source of truth for the components in your software catalog are metadata YAML files stored in source control (GitHub, GitHub Enterprise, GitLab, ...). Repositories can include one or multiple metadata files. Usually the metadata file is located in the repository root. This is not a formal requirement & metadata files can be placed anywhere in the repository.

There are 3 ways to add components to the catalog:

1. Manually register components
2. Creating new components through Backstage
3. Integrating with an external source

Manually register components

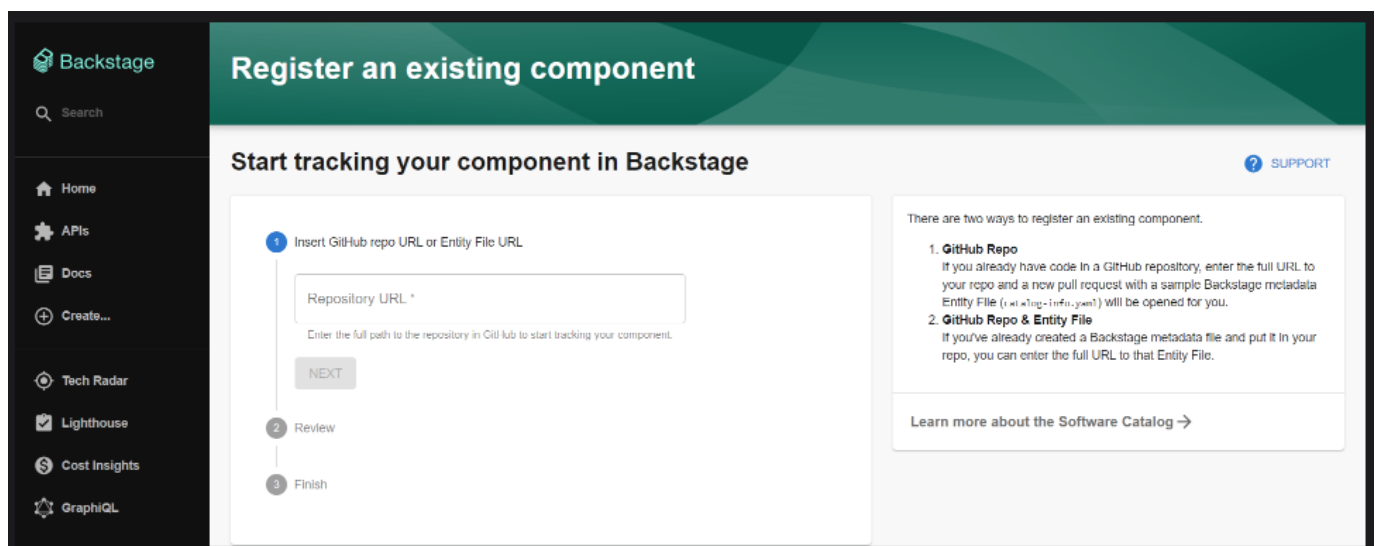
Users can register new components by going to `/create` and clicking the REGISTER EXISTING COMPONENT button:



Backstage expects the full URL to the YAML in your source control. Example:

- <https://github.com/backstage/backstage/blob/master/packages/catalog-model/examples/components/artist-lookup-component.yaml>

More examples can be found here.



It is important to note that any kind of software can be registered in Backstage. Even if the software is not maintained by your company (SaaS offering, for example) it is still useful to create components for tracking ownership.

Creating new components through Backstage

All software created through the Backstage Software Templates are automatically registered in the catalog.

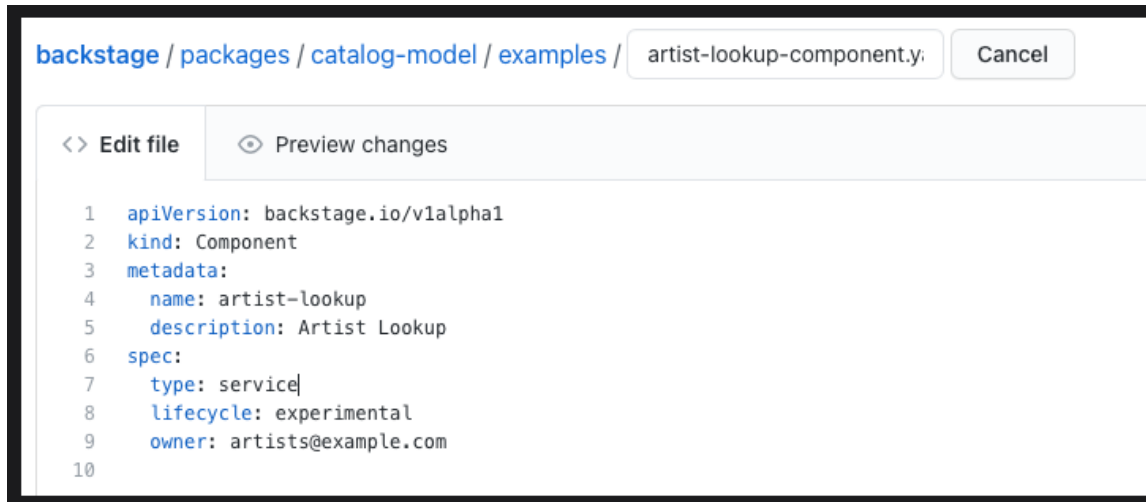
Static catalog configuration

In addition to manually registering components, it is also possible to register components through static configuration. For example, the above example can be added using the

following configuration:

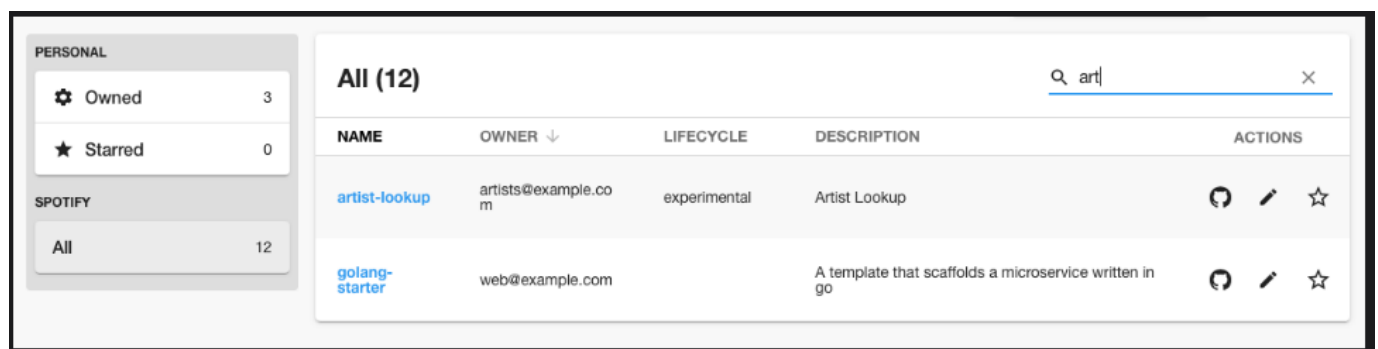
Updating component metadata

Teams owning the components are responsible for maintaining the metadata about them, and do so using their normal Git workflow.



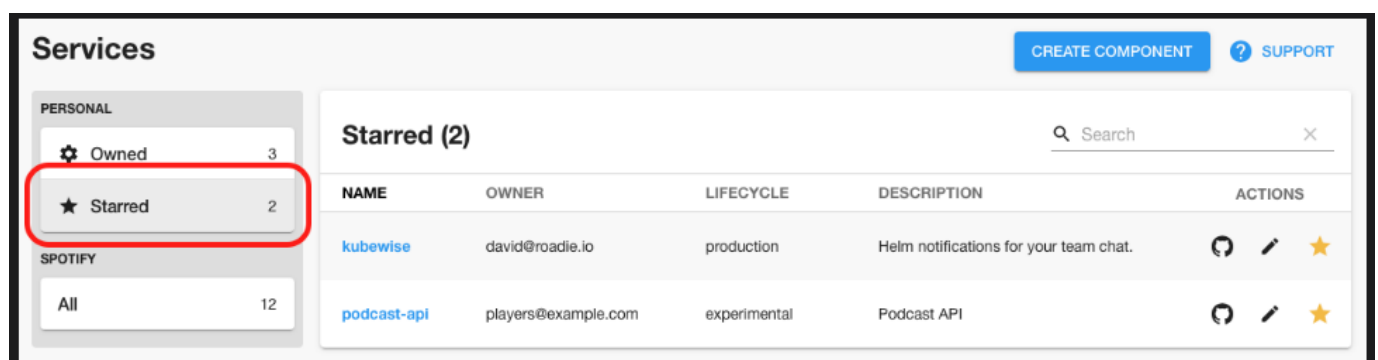
Finding software in the catalog

By default, the software catalog shows components owned by the team of the logged-in user. But you can also switch to *All* to see all the components across your company's software ecosystem. Basic inline *search* and *column filtering* makes it easy to browse a big set of components.



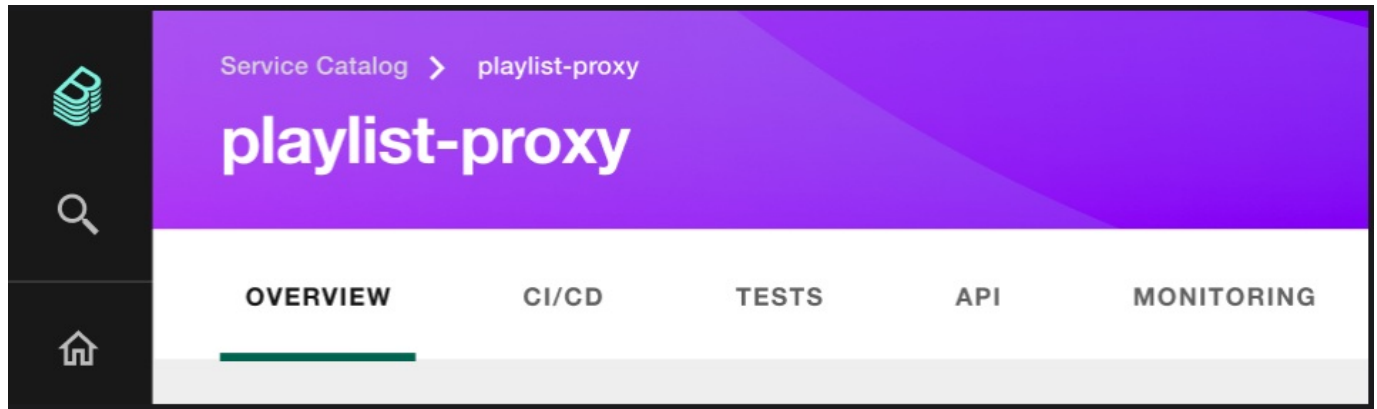
Starring components

For easy and quick access to components you visit frequently, Backstage supports *starring* of components:



Integrated tooling through plugins

The software catalog is a great way to organize the infrastructure tools you use to manage the software. This is how Backstage creates one developer portal for all your tools. Rather than asking teams to jump between different infrastructure UIs (and incurring additional cognitive overhead each time they make a context switch), most of these tools can be organized around the entities in the catalog.



Product Usage Instructions

For Apple Phone

1. Enable Wi-Fi on your iPhone and connect to the adapter's Wi-Fi network.
2. Confirm successful connection to the adapter's Wi-Fi.
3. Open Safari or any browser on your iPhone and enter the URL: 192.168.1.101.
4. Enter vehicle information and issue description in the red-highlighted area on the browser page.
5. Tap Submit to send the log. Note the displayed Case No. for tracking and assistance.

For Android Phone

1. Enable Wi-Fi on your Android phone and connect to the adapter's Wi-Fi network.
2. Ensure proper connection to the adapter's Wi-Fi.
3. Go to Settings > WLAN > WLAN Direct on your phone and select the adapter's device name for direct connection.
4. Open a web browser on your phone and navigate to 192.168.1.101.
5. Tap Switch P2P on the interface and wait for the confirmation message: Switch P2P OK.
6. Fill in vehicle information and issue description in the red box area on the browser

page.

7. Tap Submit to upload the log. Keep a note of the Case No. for further assistance.

Frequently Asked Questions

Do I need to disconnect Android Auto or Apple CarPlay before using the adapter?

Yes, it is important to disconnect Android Auto or Apple CarPlay before proceeding with any backstage operations to avoid conflicts.

What should I do if my phone is already connected to Android Auto/Apple CarPlay?

Turn off both Wi-Fi and BT on your phone before continuing with the submission process.

Documents / Resources

	Backstage Software Catalog and Developer Platform [pdf] User Guide Software Catalog and Developer Platform, Software Catalog and Developer Platform, Developer Platform, Platform
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References

- [User Manual](#)

Backstage, Developer Platform, PLATFORM, Software Catalog and Developer

Backstage Platform

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