

Closing the documentation gap with Backstage.io

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MVP
Dagen

Closing the documentation gap with Backstage.io

- Our challenge
- Backstage.io
- Demo
- Round up

Bastiaan Wassenaar

Winc IT

- Dutch guy in Norway (Bolstadøyri, **Voss**)
- Azure consultant @Vipps
- Platform Team (and a bit of IAM)



Martin Ehrnst

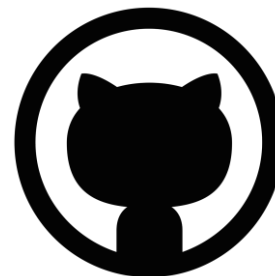
Vipps

- Domain Architect Platform



Our organization





splunk>



BUT WAIT...



THERE'S MORE!

memegenerator.net



2

3

4

5



Application Run Parameters

This page helps you create **values.yaml**.

This file is required to deploy an application to kubernetes. In file describes how your application runs in the environments. In values.yaml you will have to define how much resources your application needs, [managed identity](#) (we will get back to managed identity on the next pages), and what ports your application runs on.

Once you are done you will get a new file values.yaml that you must put in a directory deploy on your git root.

application name	<input type="text" value="my-application"/>
entrypoint	<input type="text" value="/bin/app"/>
owner	<input type="text" value="team-netthandel"/>
docker container port	<input type="text" value="8080"/>
internet port	<input type="text" value="80"/>
path (used by nginx ingress)	<input type="text" value="/my-application"/>
Running docker with user ID (UID)	<input type="text" value="1000"/>

Scaling

replicas	<input type="text" value="2"/>
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[scale horizontal](#) based on cpu ☐

[scale horizontal](#) based on memory ☐

▼ Health probes

Requests

The resources your application use during startup.

Nusse – our self-service tool



Backstage

Backstage.io – what we are using (currently)

- Core functionality (service catalog / API Docs)
- TechDocs (documentation as code)
- Plugins (wh00t!)

Demo

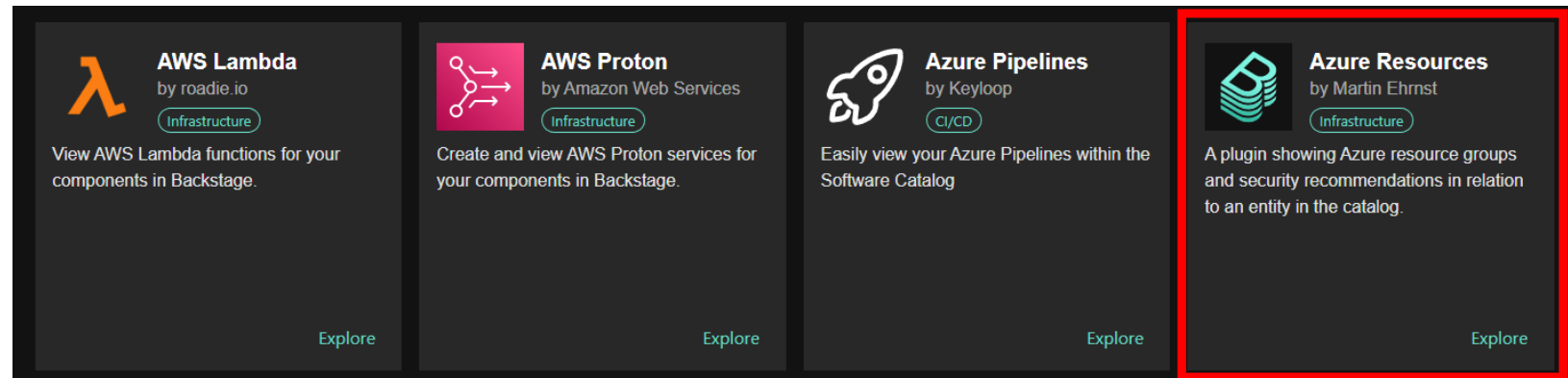
Backstage.io

So how are we closing the documentation gap?

- Making it easy for developers
- Make information from other systems available (almost) automatically.
- Easy to use organisation wide
- Good base for more automation in the future

Azure plugin by Martin

- Vipps is 100% Azure (and k8s)
 - Azure visibility is mandatory for a catalog
- Developed in-house @ Vipps
- Open sourced



More info on Backstage

- [Backstage.io](#)
- [Suzanne Daniels' session from PlatformCon2022](#)
- [Discord](#)





Tusen takk!

MVP-Dagen