



May 31 – June 2, Oslo Spektrum
10th anniversary

Martin Ehrnst

Zero to hero with Azure Bicep

Martin Ehrnst



- Lead architect, Vipps tech platform
- IT pro with a sprinkle of Dev
- Ski in winter and spring
- Drive race cars in the summer

Agenda

- What is Azure Bicep
- Is it better than other tools
- How do you use it

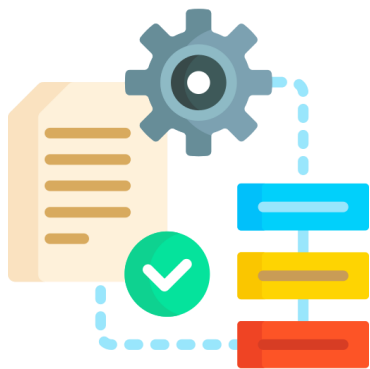




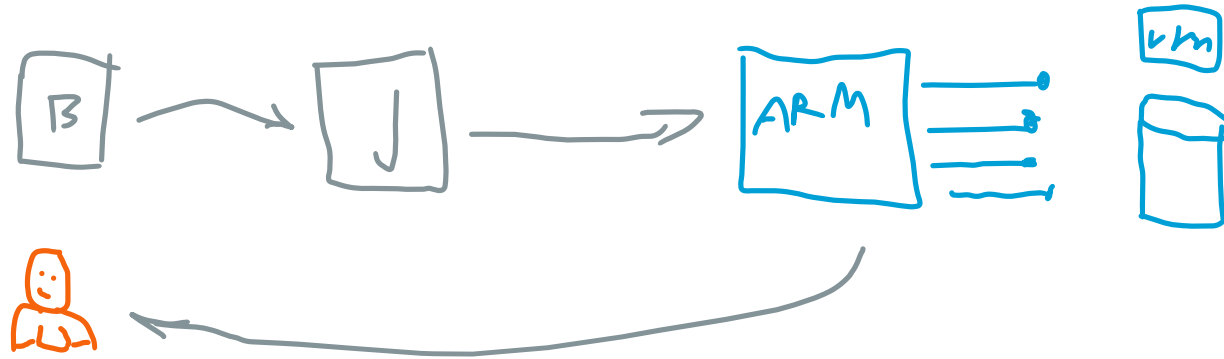
Bicep is domain specific
language, DSL



Bicep is declarative
and idempotent.



Bicep is still relying on ARM





JSON

Pros

Native to
Azure

Export from
portal

Cons

Complex
structure

Verbose

JSON

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Native to
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Export from
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Complex
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Verbose

Bicep

Pros

Native to
Azure

Simple
syntax

Highly
modular

Cons

Only Azure

Some JSON
knowledge
needed

JSON

Pros

Native to Azure

Export from portal

Cons

Complex structure

Verbose

Bicep

Pros

Native to Azure

Simple syntax

Highly modular

Cons

Only Azure

Some JSON knowledge needed

Terraform

Pros

Easy to learn

Simple syntax

Multi cloud*

Modular

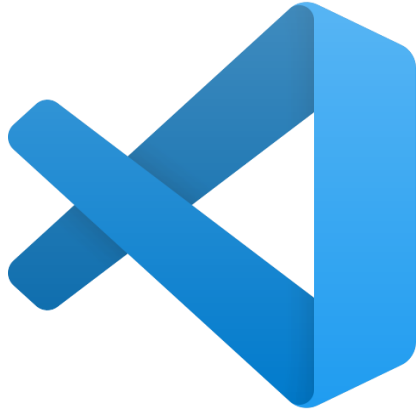
Cons

The state file

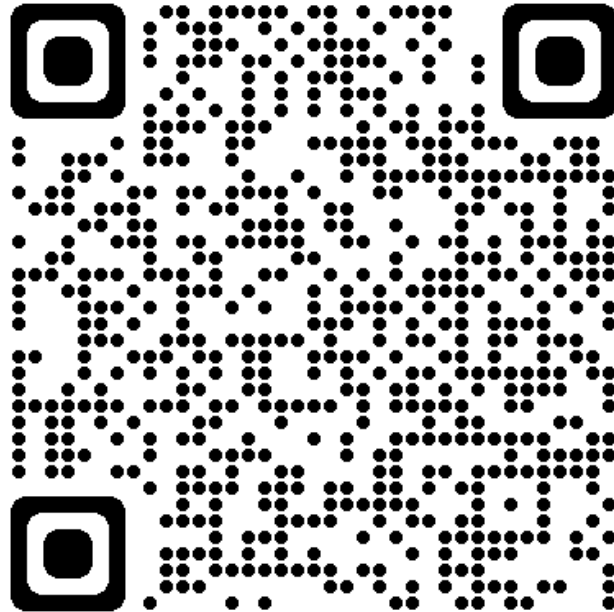
Feature parity

I forgot to add Pulumi!

You decide



I want to learn more



Slides and demos from the conference will be available at

<https://github.com/nordicinfrastructureconference/2022>