

From zero to hero

Infrastructure as Code

Daniel Hasselwander

ti&m



Goals for this session

1. Understand how terraform code is organized
2. We write our first code

What do you really need in a folder?



main.tf

- Entrypoint for terraform
- Includes Ressources
- Includes on top Config Block
 - with Providers
 - with Backend Block
 - set the location of state
 - several Backends are available
 - [Backend Types Doku](#)

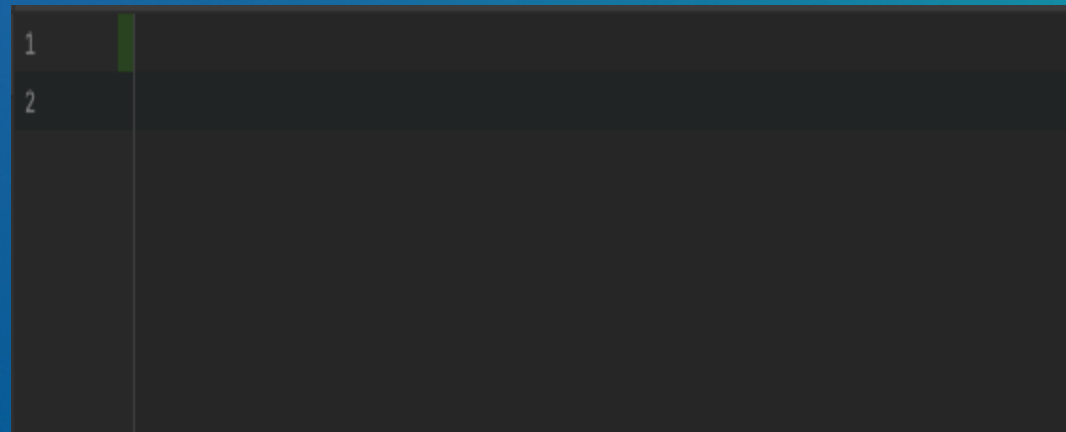
```
terraform {  
  required_providers {  
  }  
  backend "local" {  
    path = "terraform.tfstate"  
  }  
}
```


What i think how your code will be organized ?



Minimal main.tf

- Entrypoint for terraform
- Includes all Ressources



provider.tf

- Includes Config Block
 - with Providers
 - with Backend Block
 - set the location of state
 - several Backends are available
 - [Backend Types Doku](#)

```
terraform {  
  required_providers {  
  }  
  backend "local" {  
    path = "terraform.tfstate"  
  }  
}
```

We digitalize your company.

Practice01

ti&m.com

ti&m AG
Buckhauserstrasse 24
8048 Zurich
SWITZERLAND
+41 44 497 75 00

ti&m AG
Monbijoustrasse 68
3007 Bern
SWITZERLAND
+41 31 960 15 55

ti&m AG
Innere Margarethenstrasse 5
4051 Basel
SWITZERLAND
+41 61 501 29 99

ti&m GmbH
Schaumainkai 91
60596 Frankfurt am Main
GERMANY
+49 69 24745268-0

ti&m GmbH
Kesselstrasse 3
40221 Dusseldorf
GERMANY
+49 211 90989580

ti&m Pte. Ltd.
18 Robinson Road #15-16
Singapore 048547
SINGAPORE
+65 6983 9530

ti&m

Do you think the local backend is a good choice ?

We digitalize your company.

Practice02

ti&m.com

ti&m AG
Buckhauserstrasse 24
8048 Zurich
SWITZERLAND
+41 44 497 75 00

ti&m AG
Monbijoustrasse 68
3007 Bern
SWITZERLAND
+41 31 960 15 55

ti&m AG
Innere Margarethenstrasse 5
4051 Basel
SWITZERLAND
+41 61 501 29 99

ti&m GmbH
Schaumainkai 91
60596 Frankfurt am Main
GERMANY
+49 69 24745268-0

ti&m GmbH
Kesselstrasse 3
40221 Dusseldorf
GERMANY
+49 211 90989580

ti&m Pte. Ltd.
18 Robinson Road #15-16
Singapore 048547
SINGAPORE
+65 6983 9530

ti&m