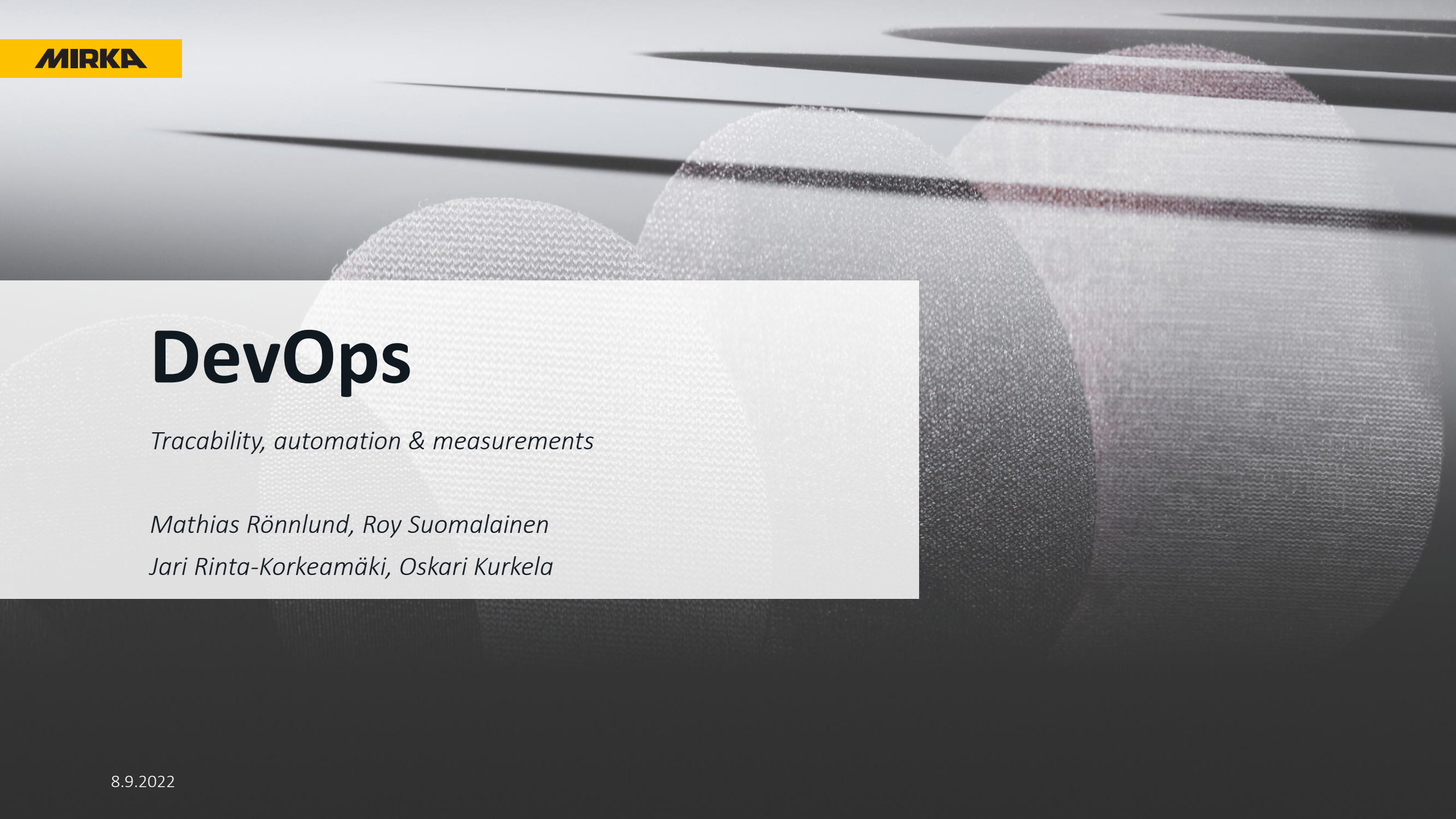


DevOps

Tracability, automation & measurements

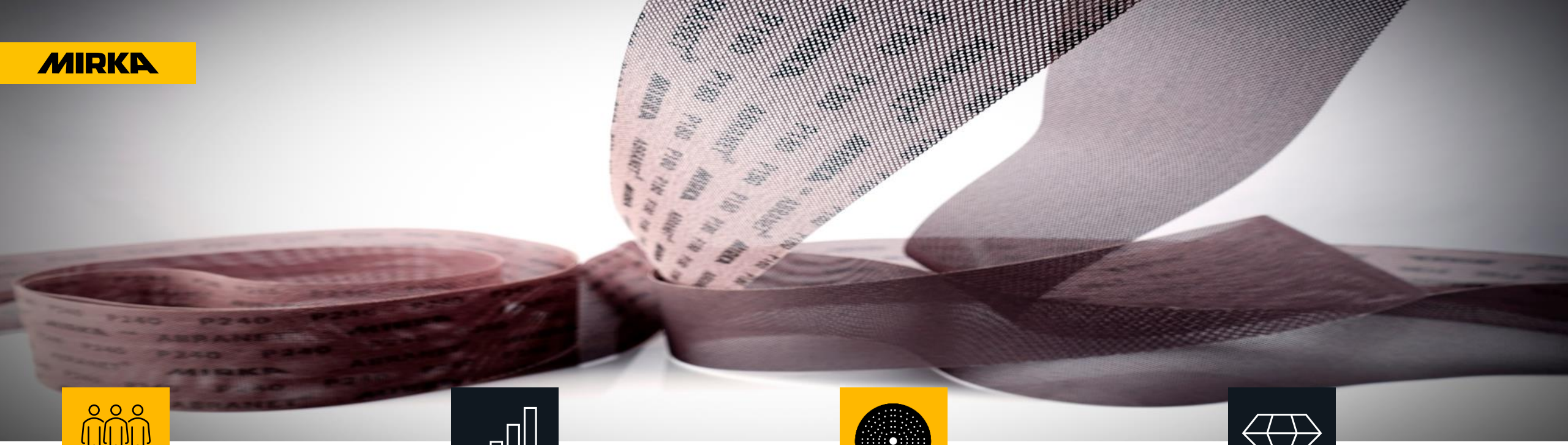
Mathias Rönnlund, Roy Suomalainen

Jari Rinta-Korkeamäki, Oskari Kurkela

8.9.2022

Construction and Decoration - CD

- The CD sector includes all sanding applications for professional decorators and builders.
- Time is money. With our dust-free solutions and award-winning tools, you can easily move to the next project without spending too much time cleaning up afterwards.
- We can help you transform every working environment into a good day at work.



People

We are almost 1500 people working globally for Mirka. Our dedicated experts work in sales, production, R&D, customer service etc.

Finance

Our turnover has developed very well, reaching 354M€ in 2021. Mirka is a part of the KWH Group.

Sectors

Our products and solutions are used in collision repair, transport, construction & decoration, wood, industry and precision industry sectors.

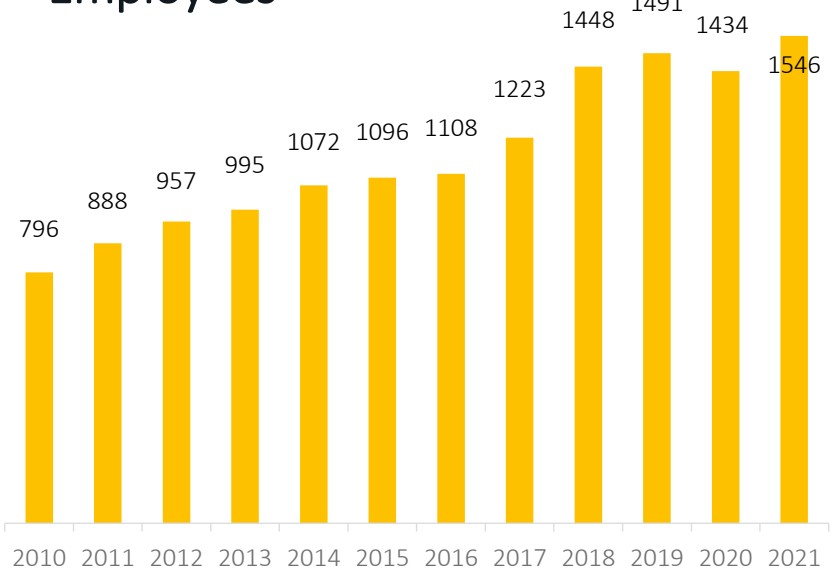
Values

We are responsible, committed, innovative and respectful. We create sustainable solutions that are at the forefront of innovation.

Success driven by people

- Our employees have an essential and active role in creating success. An engaged workforce is critical, since success is created from competent and motivated co-workers.
- We continuously develop the skills of our employees to support future success. Leadership is important on all levels in the company.

Employees



Mirka Worldwide

Through our daughter companies all over the world, we can meet and serve our customers – wherever they are.

What we'll cover

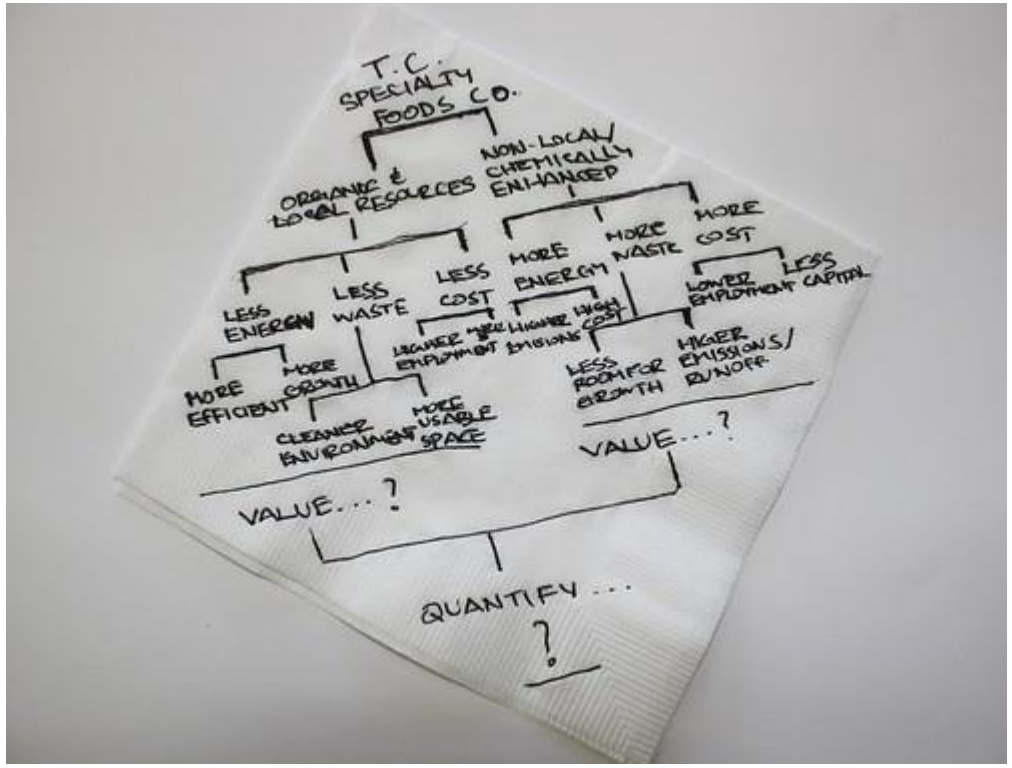
- Traceability
- Automation
- Measurements
- Demos

What we won’t cover

Methodologies

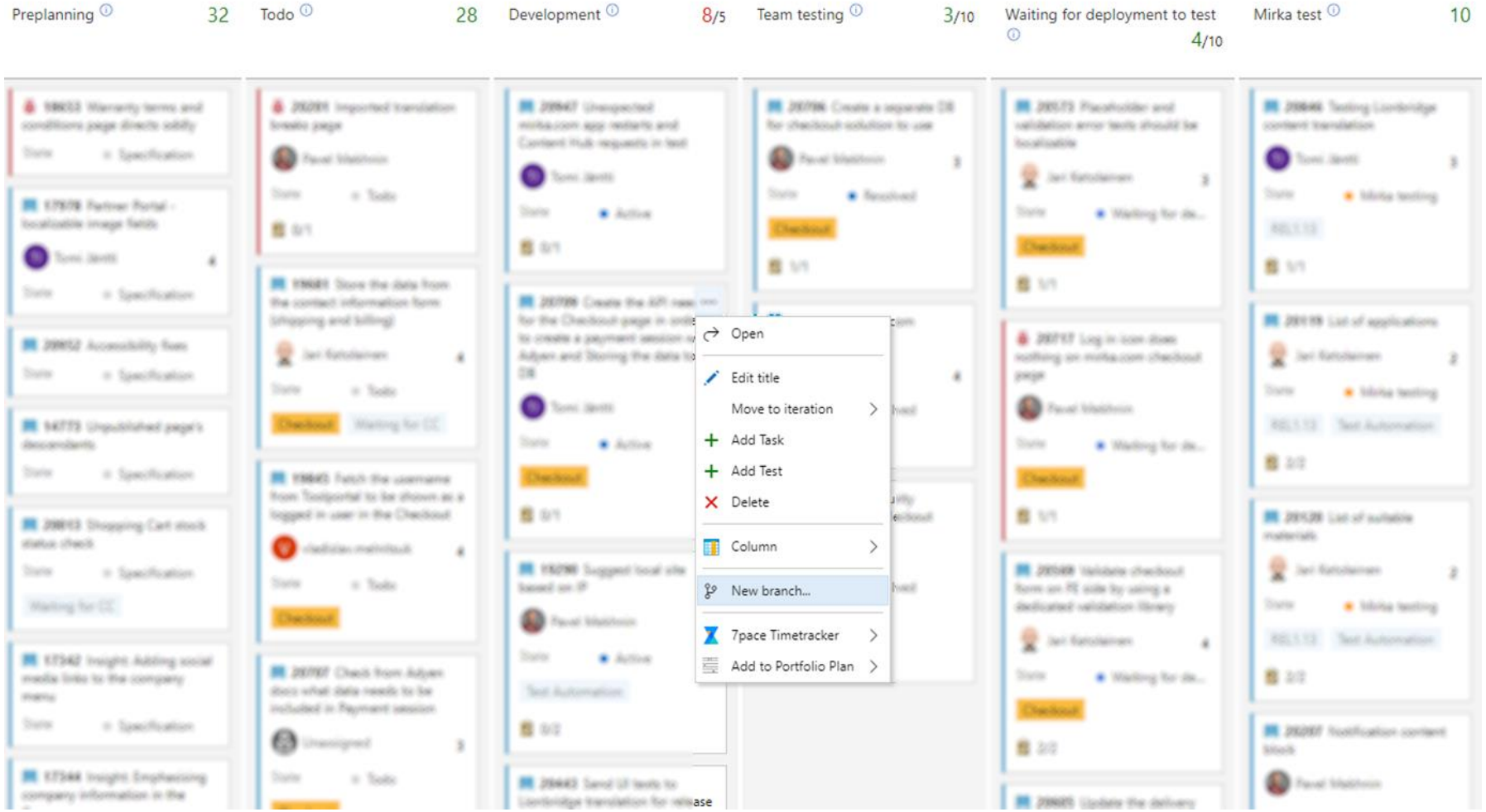
Tools

Why did Mirka start doing this?

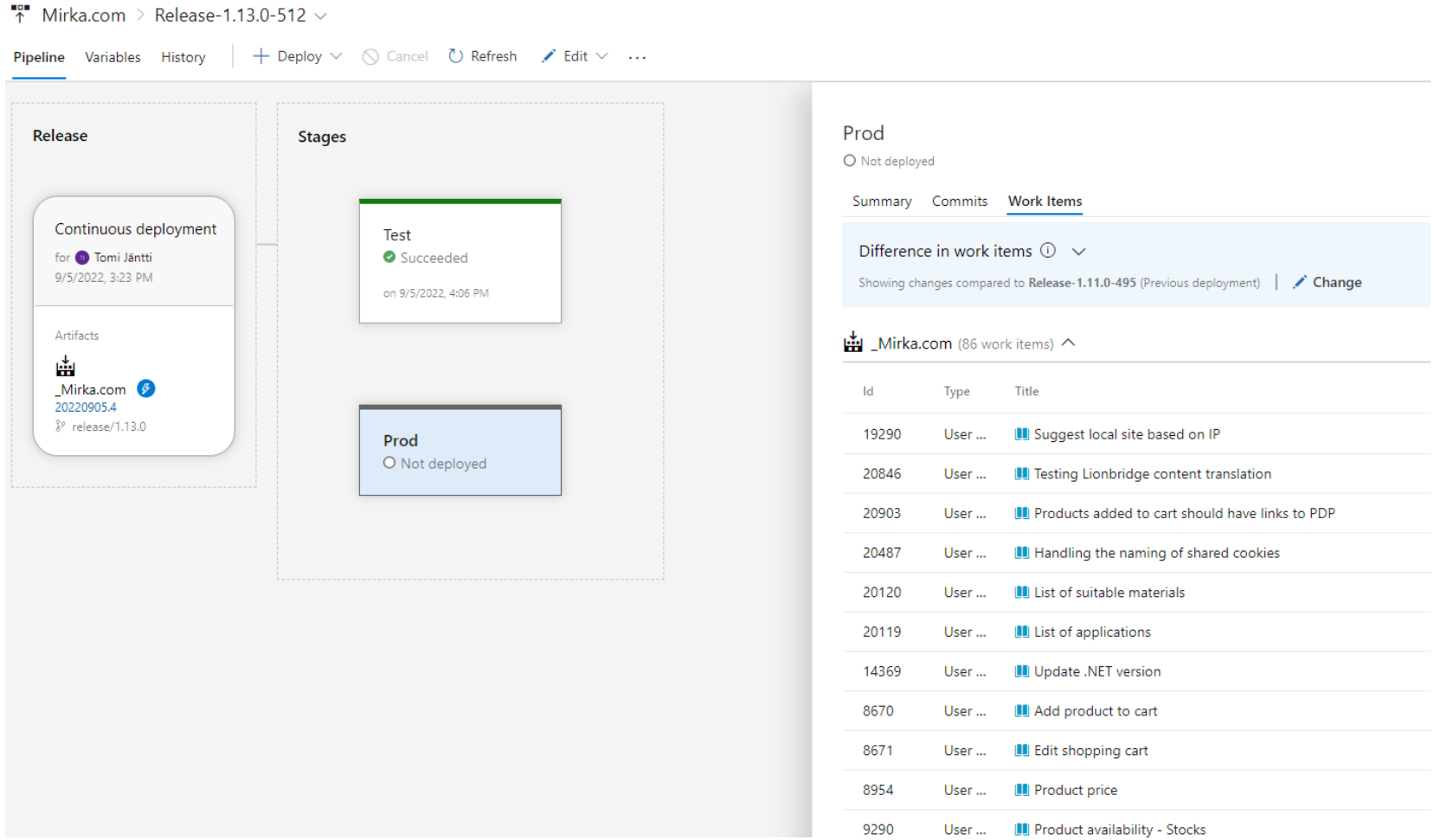


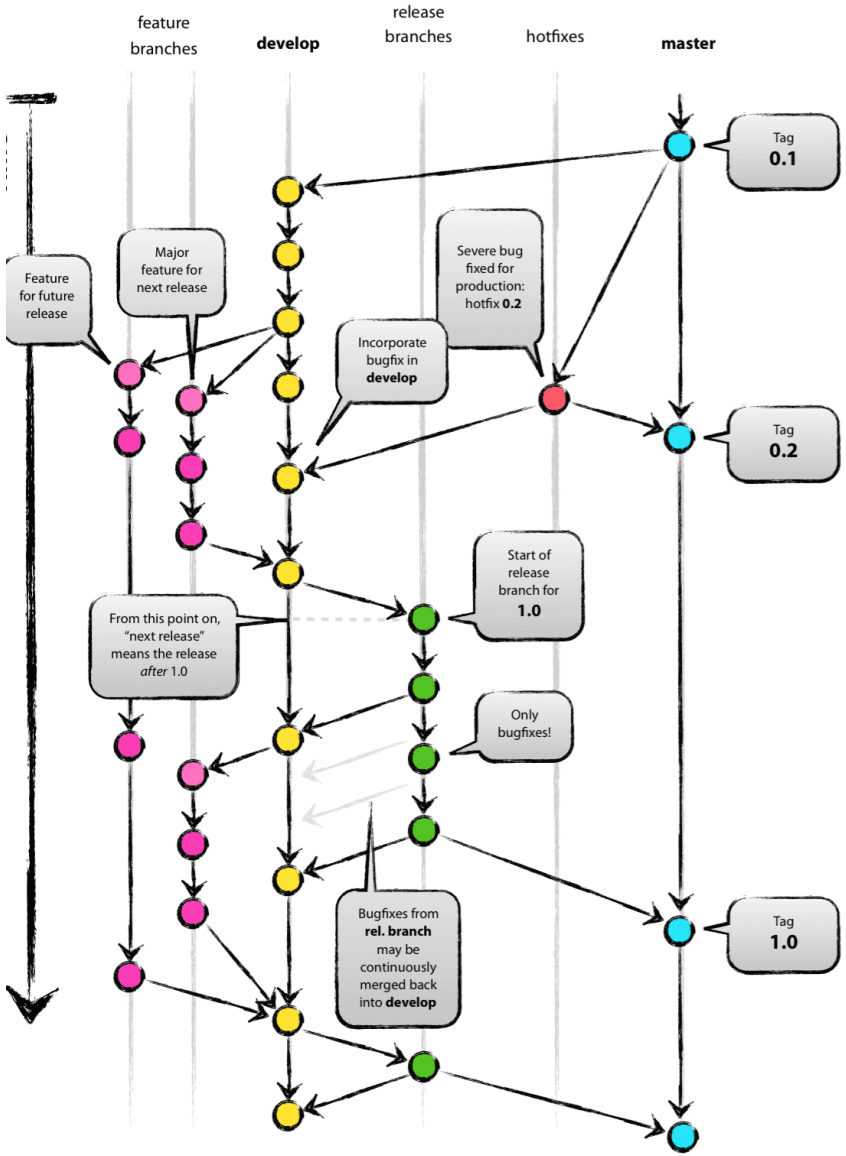
Where did we start?

Traceability



Traceability



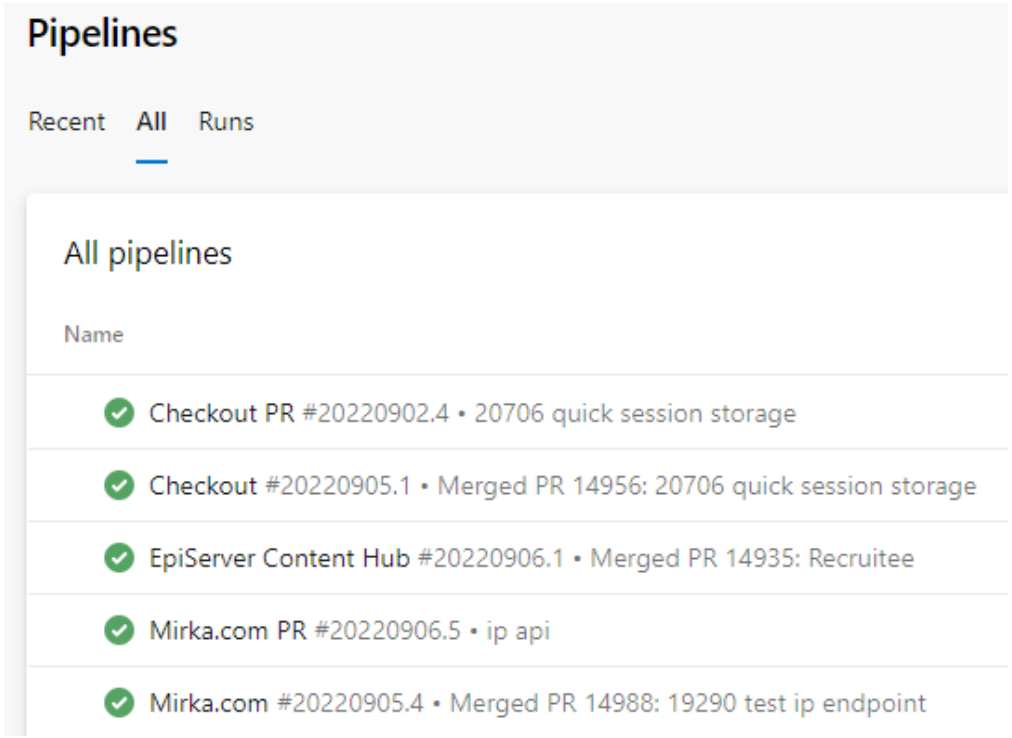


Repositories

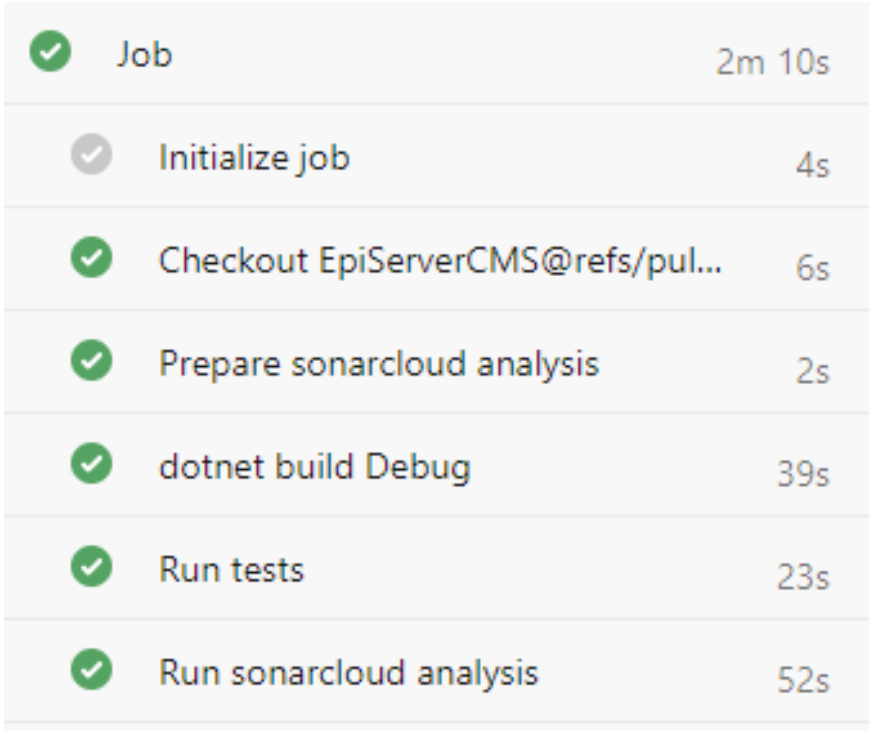
- Gitflow
- Trunk based

Pull request

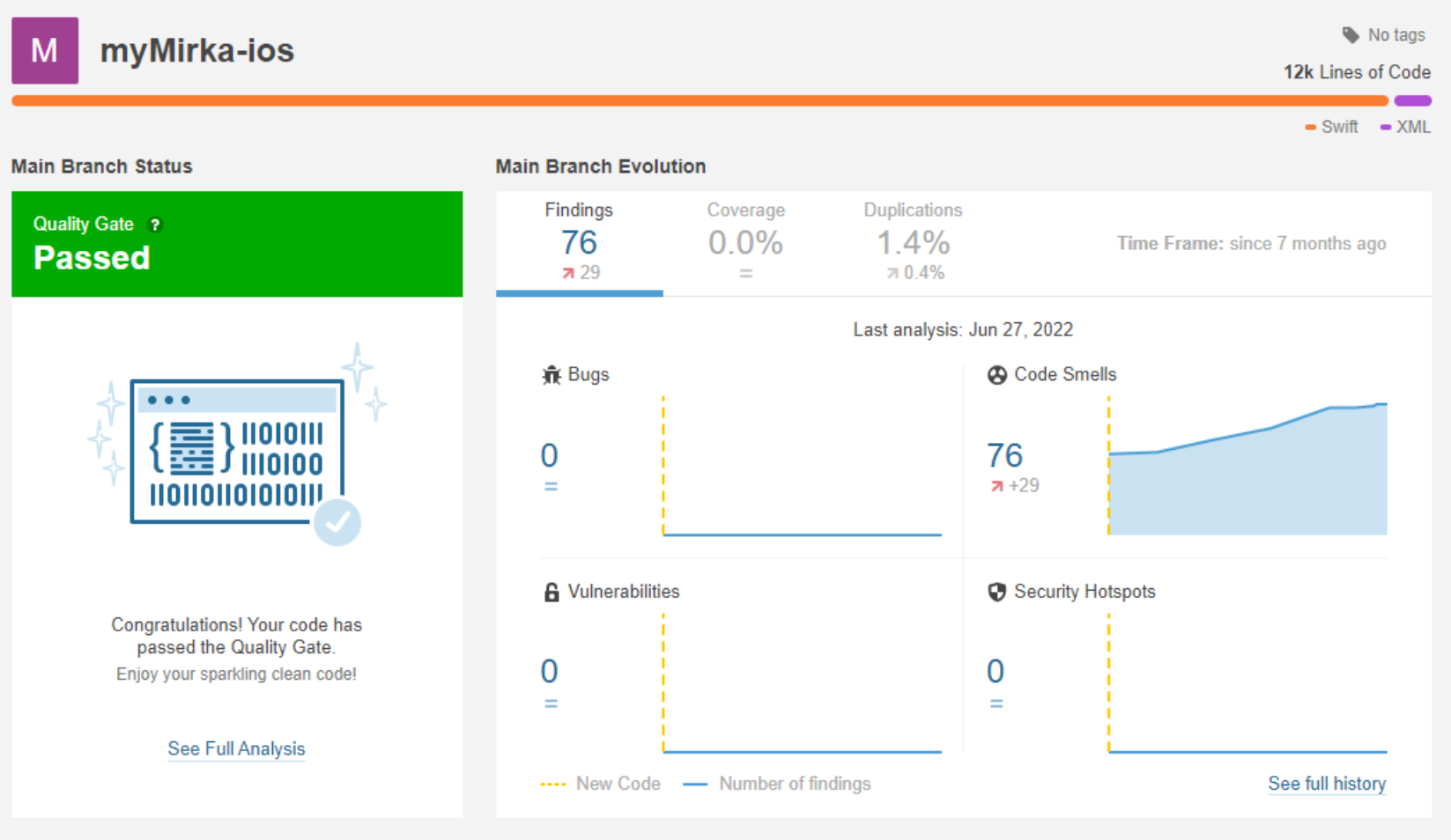
Two pipelines



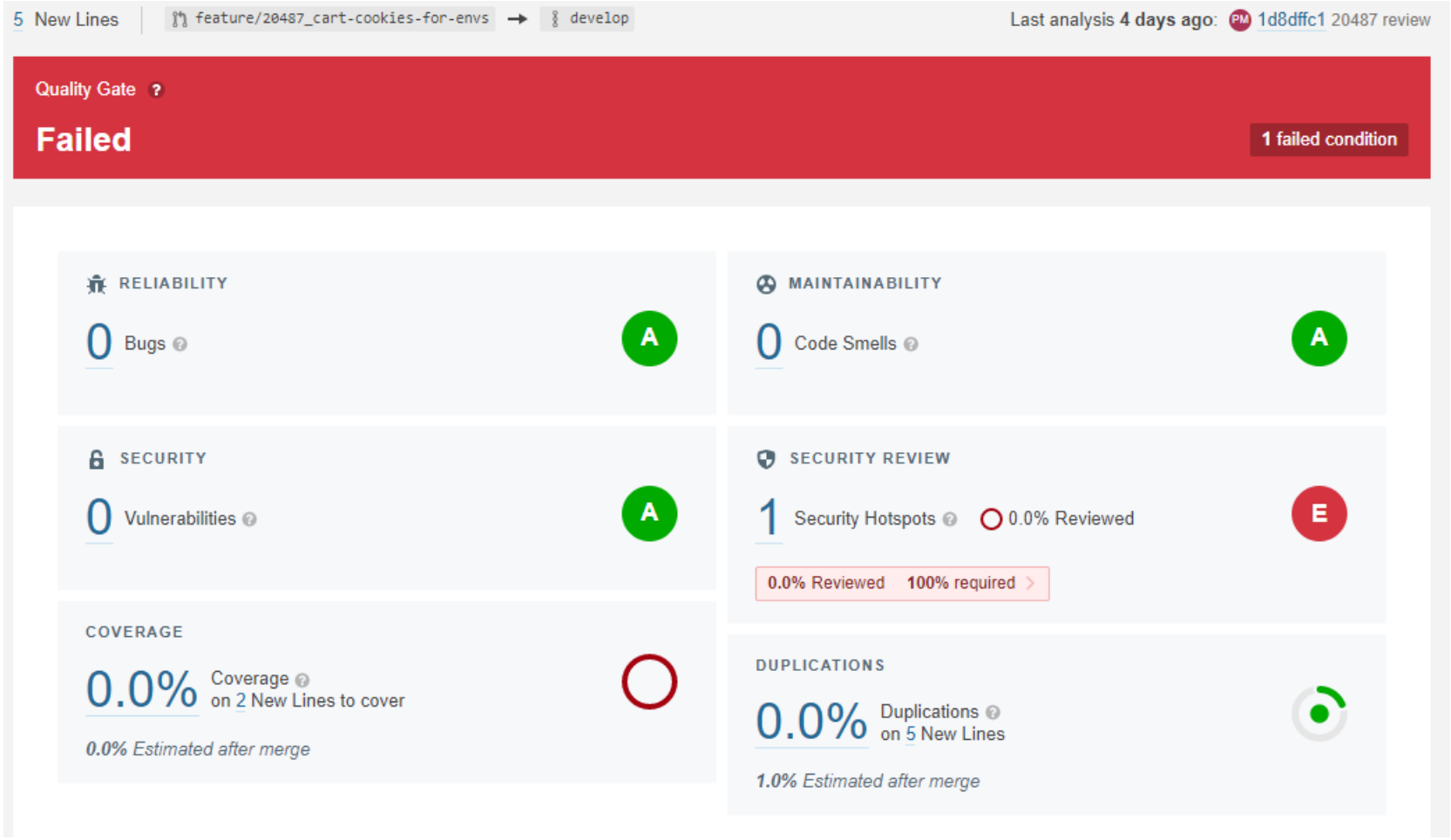
Steps



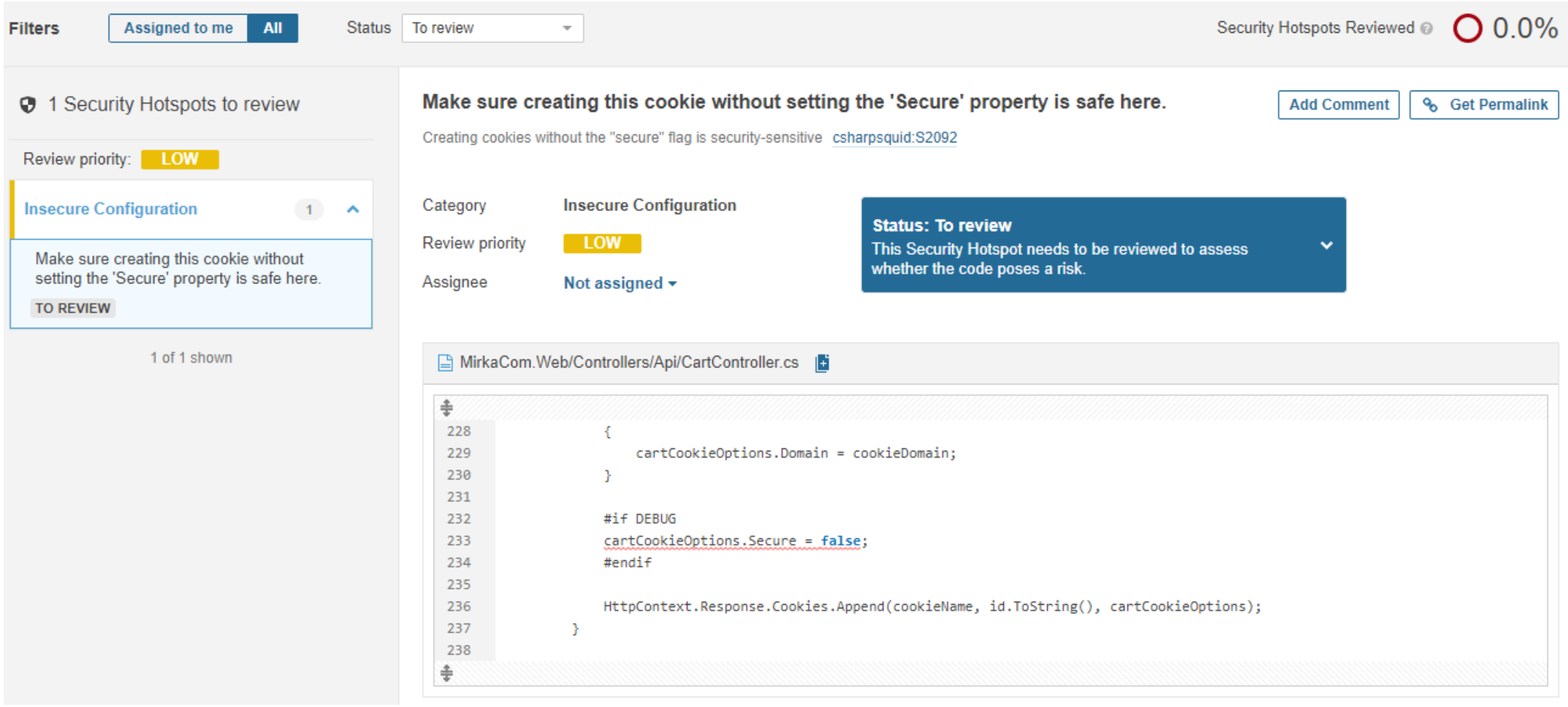
Static code analysis



Static code analysis

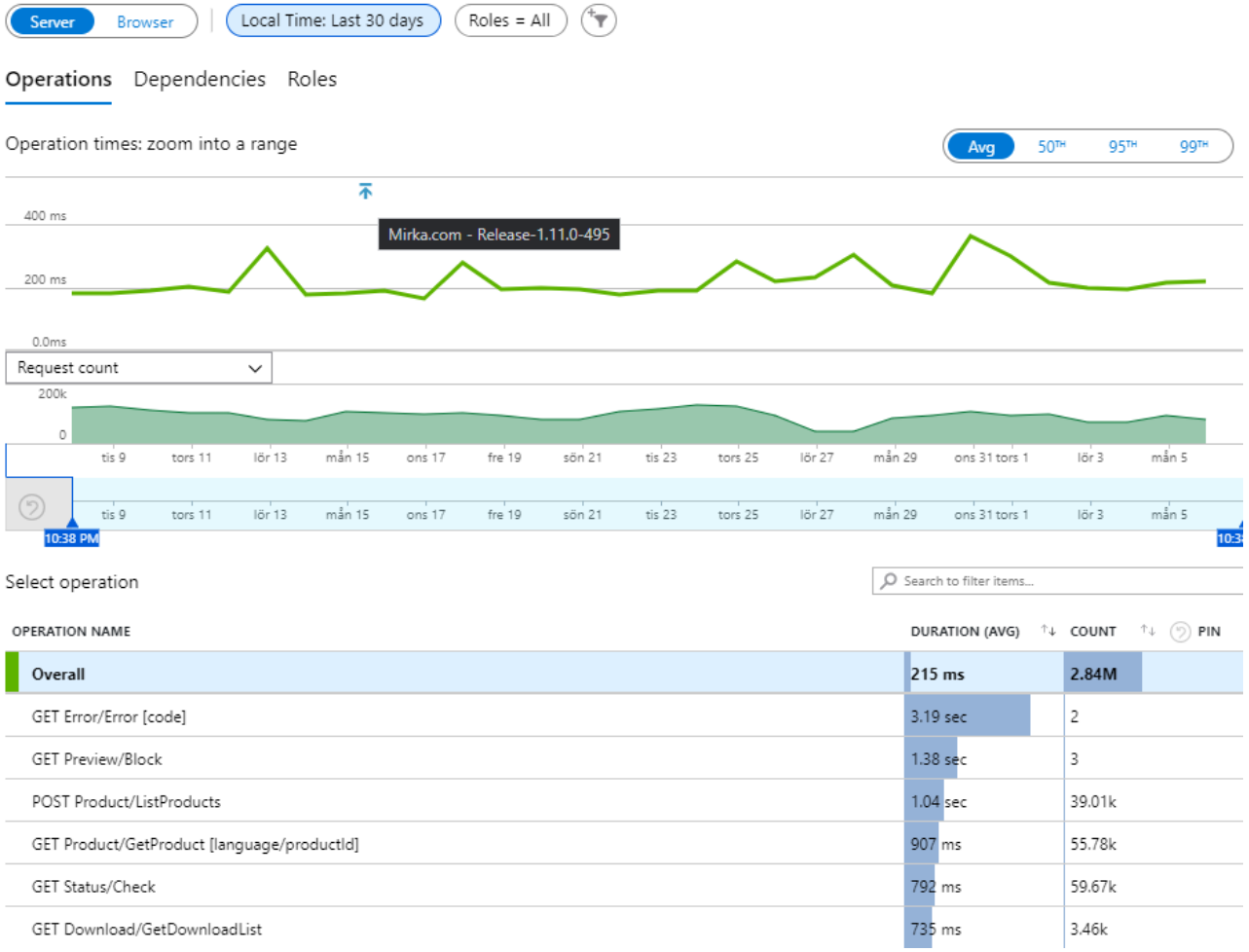


Static code analysis

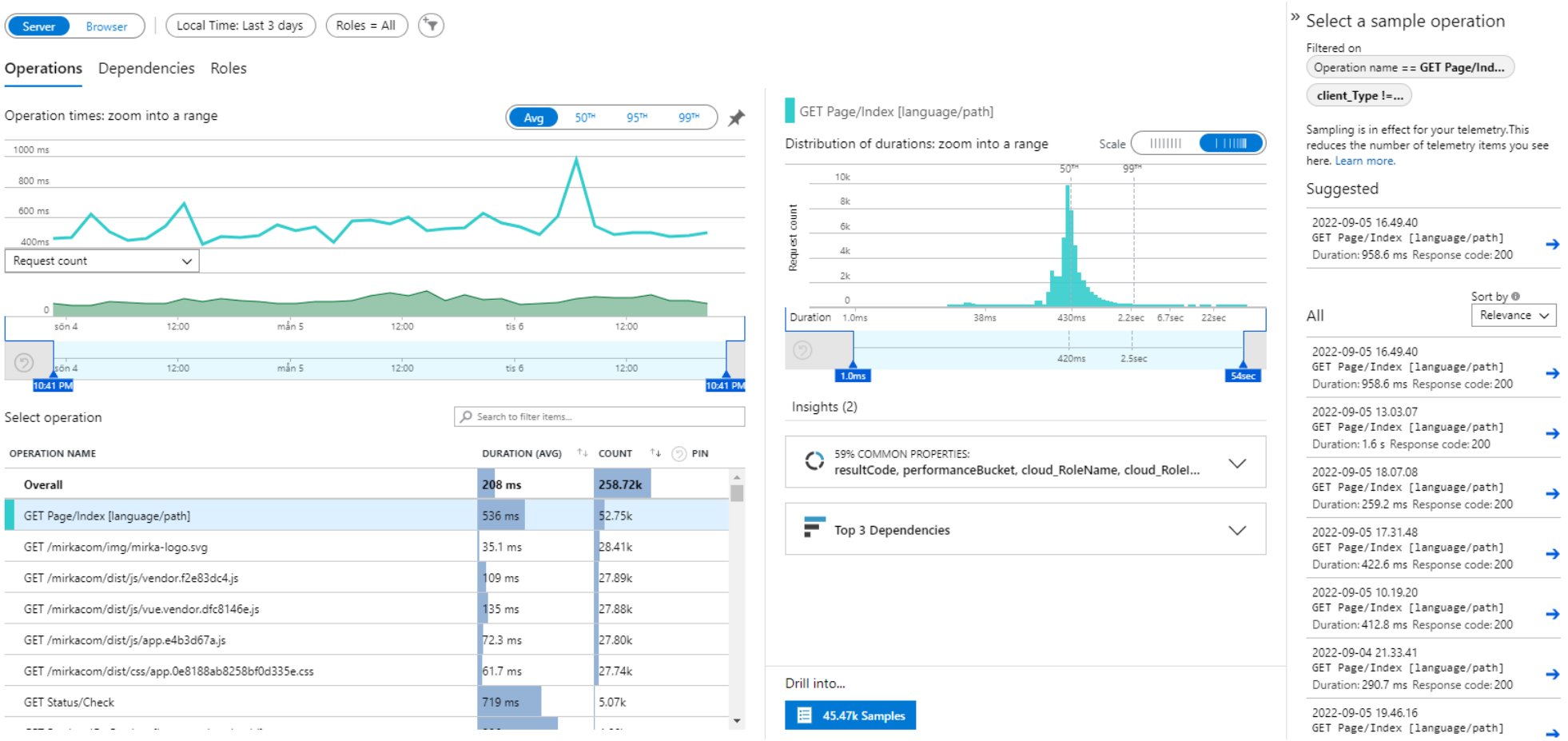


UI test

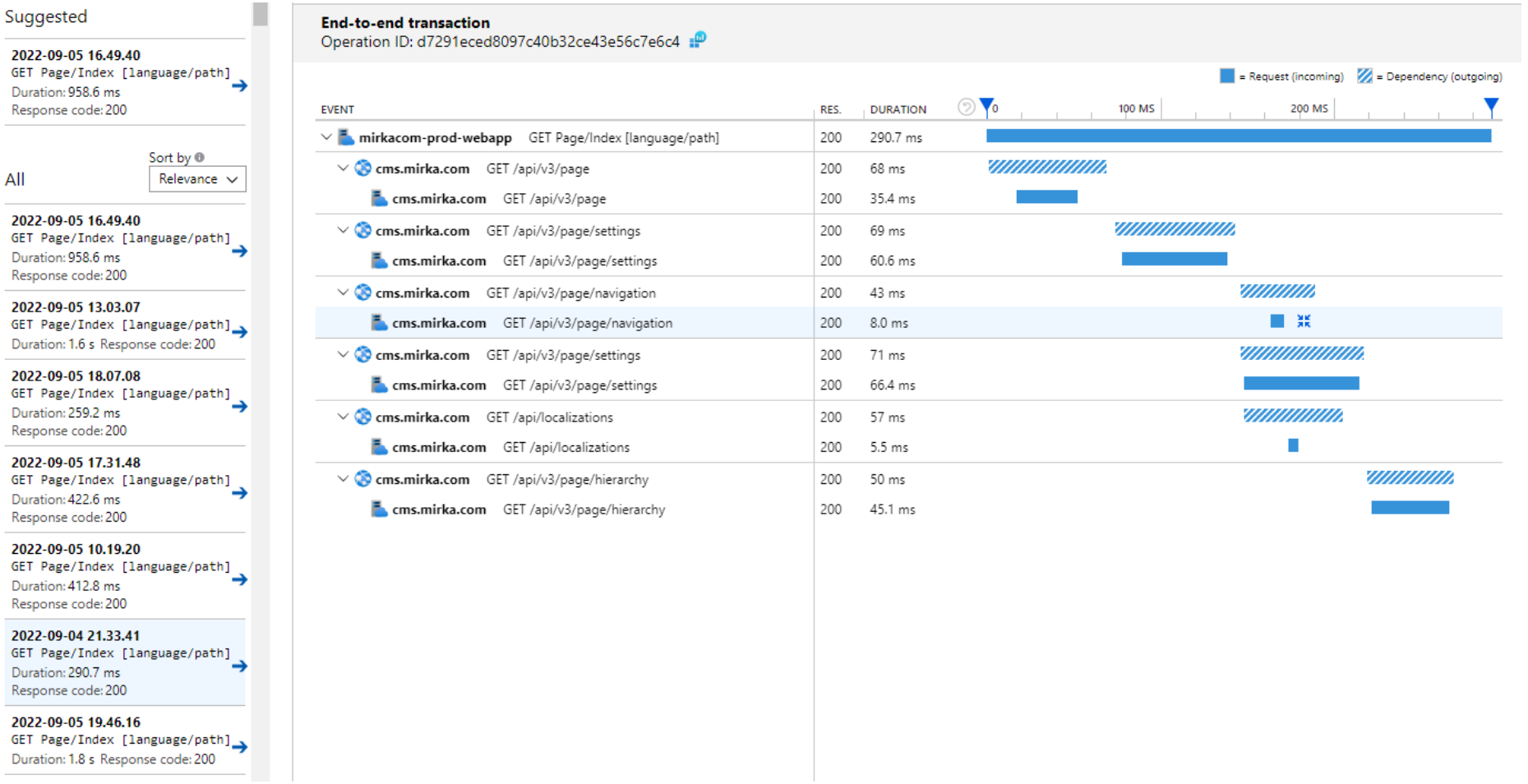
Measurement



Measurement



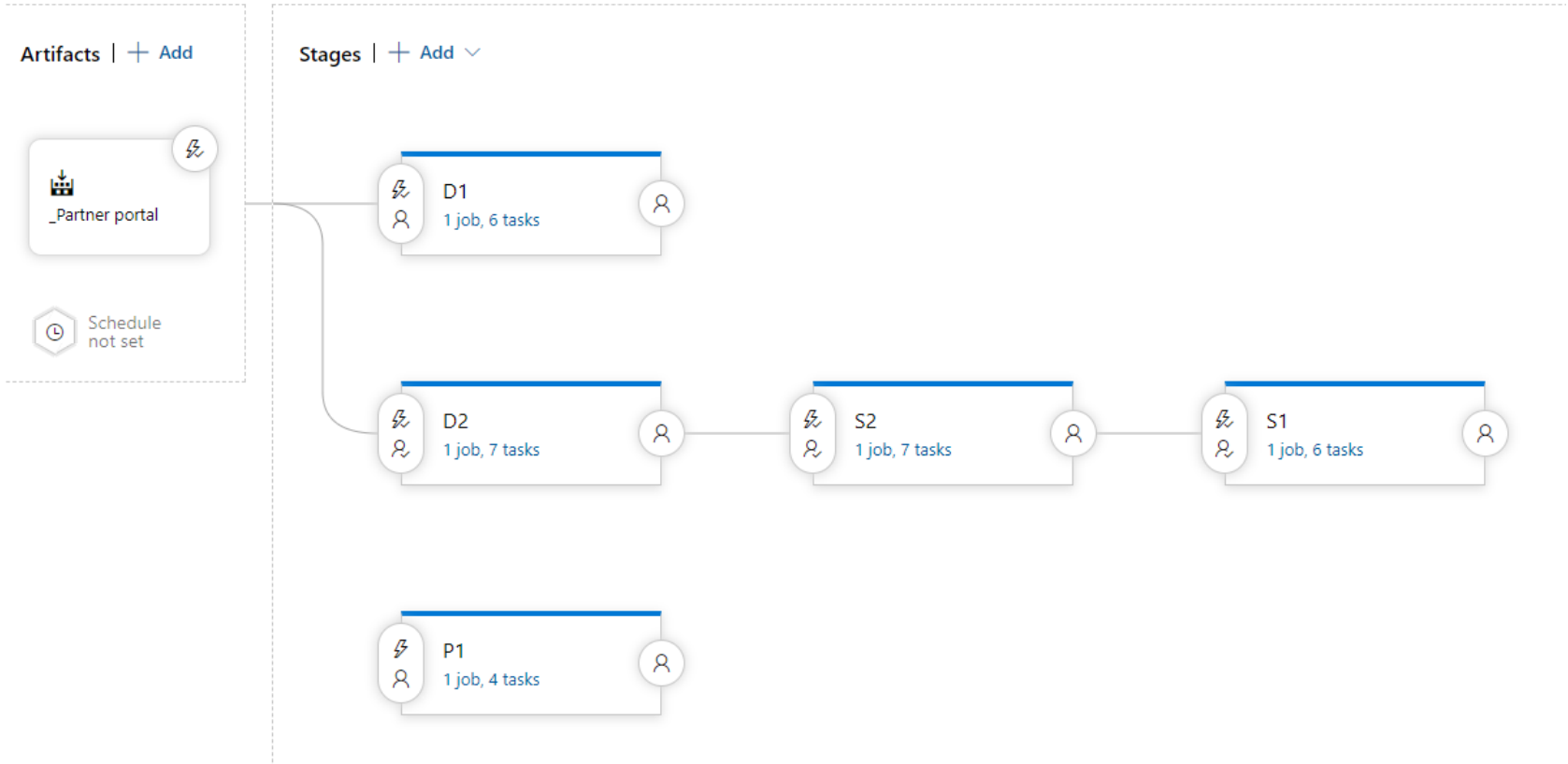
Measurement



Dependency management

Deployment

Releases	Created	Stages
TJ Release-1.13.0-512 20220905.4 release/1.13.0	9/5/2022, 3:23:26 PM	Test Prod
Release-1.12.0-508 20220829.1 release/1.12.0	8/29/2022, 9:18:15 AM	Test Prod
Release-1.12.0-504 20220826.5 release/1.12.0	8/26/2022, 12:08:35 PM	Test Prod
Release-1.12.0-503 (abandoned) 20220826.5 release/1.12.0	8/26/2022, 11:38:59 AM	Test Prod
TJ Release-1.11.0-495 20220805.2 release/1.11.0	8/5/2022, 3:40:49 PM	Test Prod
Release-1.10.0-489 20220728.2 release/1.10.0	7/28/2022, 10:08:37 AM	Test Prod
Release-1.9.0-481 20220721.2 release/1.9.0	7/21/2022, 12:14:28 PM	Test Prod


Artifacts | Add
_Partner portal
Schedule not set
Stages | Add
D1
1 job, 6 tasks
D2
1 job, 7 tasks
S2
1 job, 7 tasks
S1
1 job, 6 tasks
P1
1 job, 4 tasks

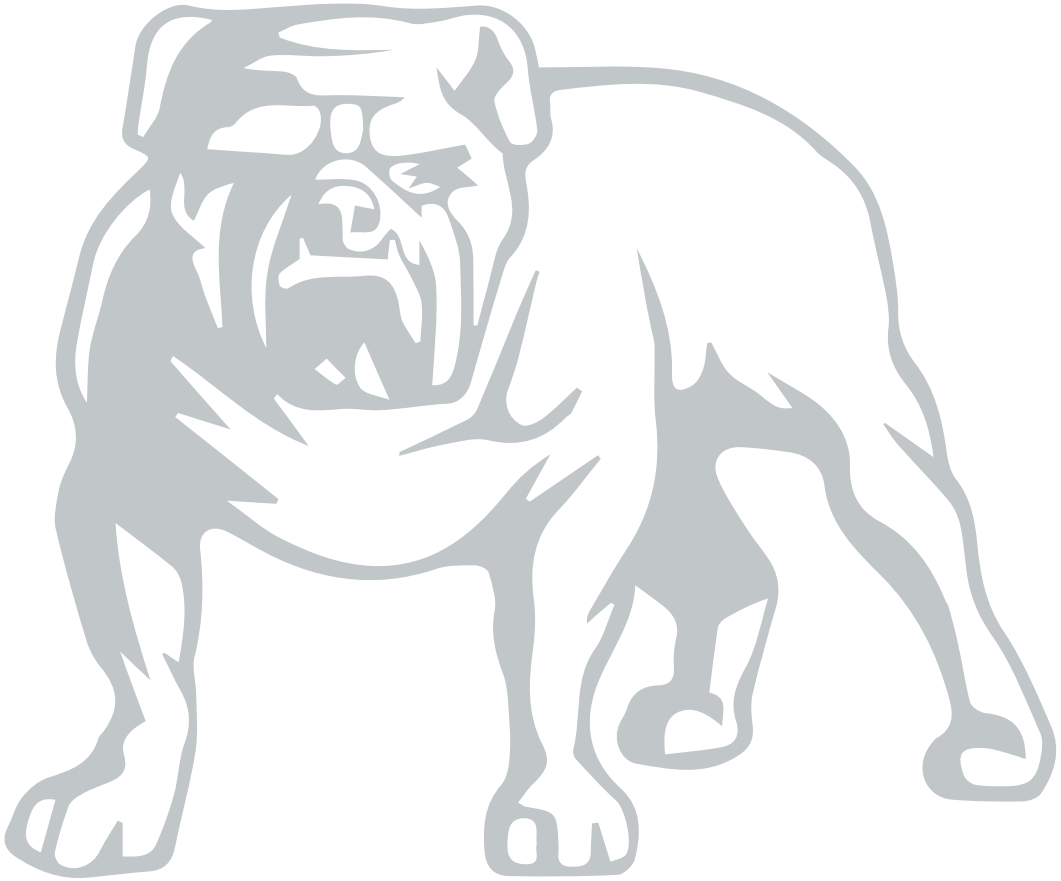
Infrastructure as code

- az deployment sub create --location westeurope --name FrontendDeployment --template-file $(System.ArtifactsDirectory)/_Mirka.com/bicep/main.bicep --parameters environment=prod appConfiguration="$(AppConfiguration)"

appservice.bicep

Contents History Compare Blame

```
1  param environment string
2  param appConfiguration string
3  param keyVault string
4
5  resource appInsights 'Microsoft.Insights/components@2020-02-02' = {
6    name: '[redacted]-${environment}-ai'
7    location: resourceGroup().location
8    kind: 'web'
9    properties: {
10     Application_Type: 'web'
11   }
12 }
13
14 resource appServicePlan 'Microsoft.Web/serverfarms@2021-01-15' = {
15   name: '[redacted]-${environment}-appplan'
16   location: resourceGroup().location
17
18   properties: {
19     reserved: true
20   }
21
22   sku: {
23     name: 'S1'
24     tier: 'Standard'
25     size: 'S1'
26     family: 'S'
27     capacity: 1
28   }
29   kind: 'linux'
30
31   dependsOn: [
32     appInsights
33   ]
34 }
```



mirka.com

After Work

BOCK'S CORNER BREWERY
Bock
BOCK'S CORNER BREWERY
Dunkel
BOCK'S CORNER BREWERY
Ipa
BOCK'S CORNER BREWERY
Pale Ale
BOCK'S CORNER BREWERY
Pils
Bock's