

PROJECT sleuth

Production

Metrics

Work in progress

Goals

Automations

Status

Code deployments

Impact sources

Feature flags

Manual deploys

Settings

Collapse sidebar

sleuth metrics

Jun 25 - Jul 8 vs. Jun 11 - Jun 24 All teams All deployments

Sleuth / sleuth / Production

DORA metrics

Frequency 8% 6.57 / day - 92 total Lead time 5% 23h 57m 1d 1h 16m Failure rate 2% 7.4% MTTR 91% 26m



Lead time breakdown



Viewing 92 deploys for Jun 25 - Jul 8 sorted by lead time

Table listing deployment items with details like ID, team, and lead time.

Navigation: Previous 1 2 3 4 5 Next

Performance

High



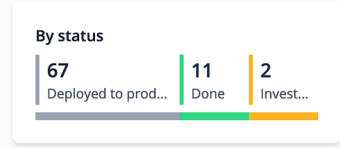
Work in progress

Here are your work in progress items for this project. 5 items in total - 5 at risk

Contributing teams

Table showing team performance metrics: Team, Frequency, LT, FR, MTTR.

Issues breakdowns



Insights

- Insights: Your team is doing great as a High performer. Your MTRR is lower than your previous period by 91%. Your review lag time is higher than your previous period by 62%. d749515 was your lowest ranked deploy in this period.

Help



GitLab



miro

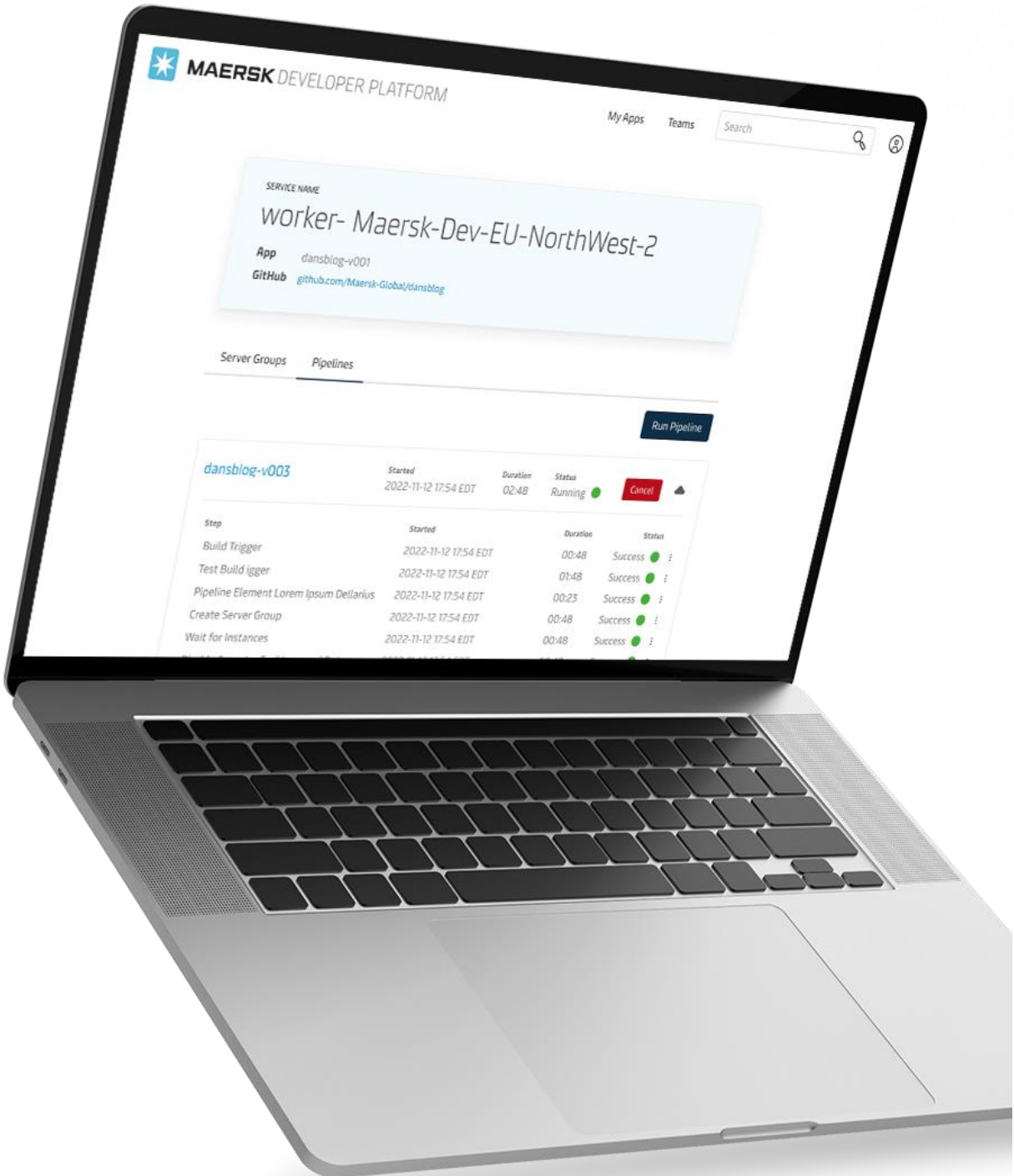
"The idea that teams need to interface with the layer using APIs vs the Cloud resource APIs or Database is not acceptable."

"We want the ability to choose our infrastructure where we would host our application services."

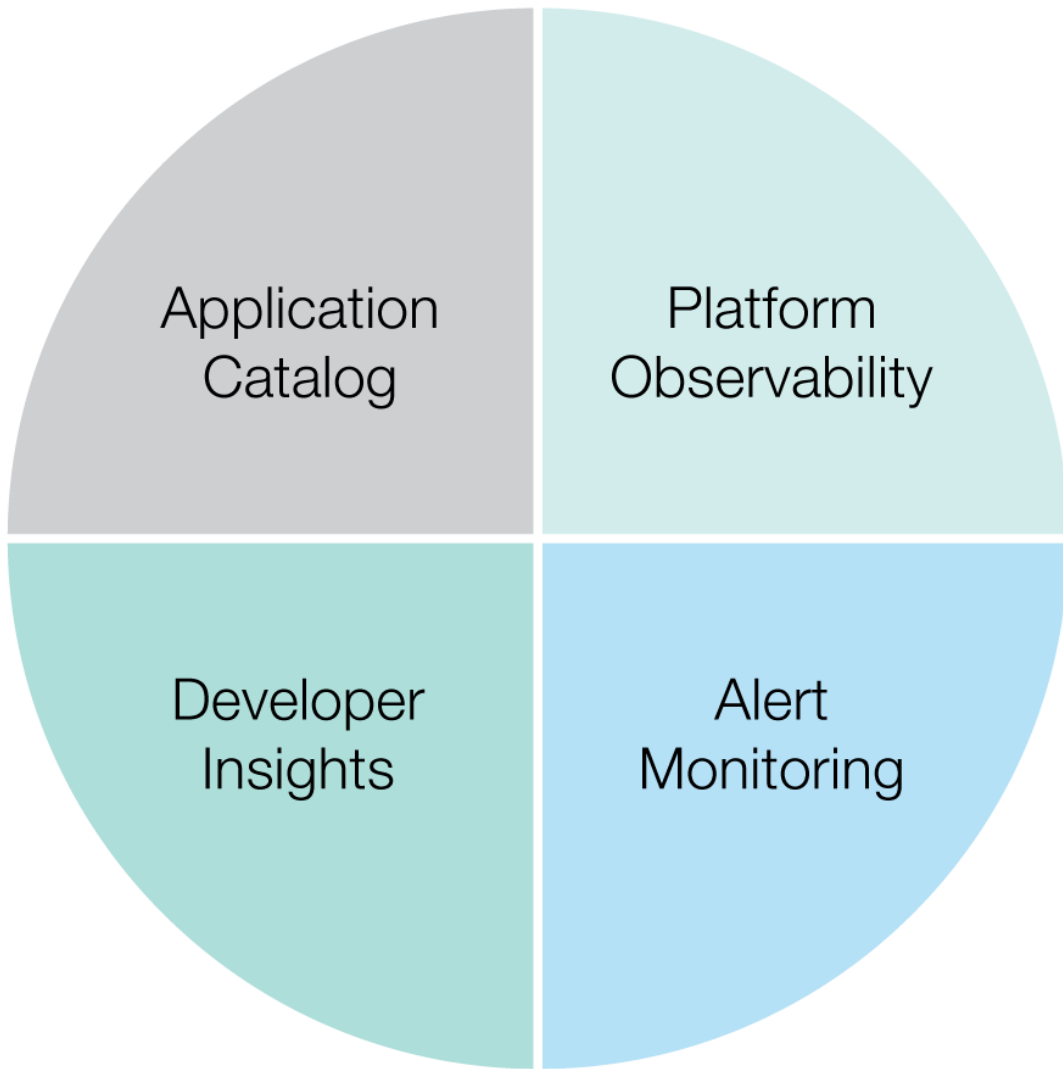
"Shared services within Cloud Engineering and the ability for developers to self. service is great and we agree on that."







## Maersk Developer Platform





# Journey Map

App Developer  
Zach Kim

Container tracking application that tracks the current location of containers around the world using a container ID.

## Scenario

Zach a new software project in mind – maybe it’s a mobile app, an internal tool, or a way to completely transform the way you run your business. As you start to share the idea and gather feedback, people start hitting you with a ton of questions that you may not know the answer to.

Plan	Build	Testing	Promote	Run
<ol style="list-style-type: none"> <li>Create high level design</li> <li>Define the team for the app</li> <li>Choosing a tech stack</li> <li>Programming Language</li> <li>Cloud Infrastructure</li> <li>Security Design</li> <li>Service Design</li> </ol>	<ol style="list-style-type: none"> <li>Create the team</li> <li>Create an App</li> <li>Add git-Hub repos to App</li> <li>Write code Java Springboot</li> <li>Merge PR to main branch</li> <li><b>Create a database in dev</b></li> <li>Create a dev service</li> <li><b>Deploy to dev (servergroup)</b></li> <li>Monitor deployment</li> </ol>	<ol style="list-style-type: none"> <li>Observability</li> <li>Integration with dependent apps, etc</li> <li>QA</li> </ol>	<ol style="list-style-type: none"> <li>Pushing the App live</li> <li><b>Red / Black deployment</b></li> <li><b>Canary deployment</b></li> </ol>	<ol style="list-style-type: none"> <li>Observability</li> <li>Dashboard</li> <li>Metrics</li> <li>Logs</li> <li>Traces</li> </ol>

## Expectations

- Reliability
- Optimize Time to Market
- Rapid deploaaayment
- Eliminating complexity
- Be able to easily build an app using best practices.
- Implemented with standard

## Opportunities

- Build pipeline is automated
- One tool for all Maersk devs
- One standard
- Supports a variety of languages
- Focus on coding and not Infrastructure
- Seamless integration with observability platform (Pensie)

## UX Pain Points

- Different dev use different tools
- Developers are not able to focus on coding
- Analytics are not easy to gather

## Questions

- How are you going to **manage the infrastructure?**
- How are you going to **handle storage, networking,** and everything else?
- How are you going to handle **observability and monitoring?**



- 33% Sub Task
- 25% Bug
- 12% Story
- 25% Hotfix
- 16% Small story
- 20% Other issue types



Jira Initiatives Jira Epics Jira Projects

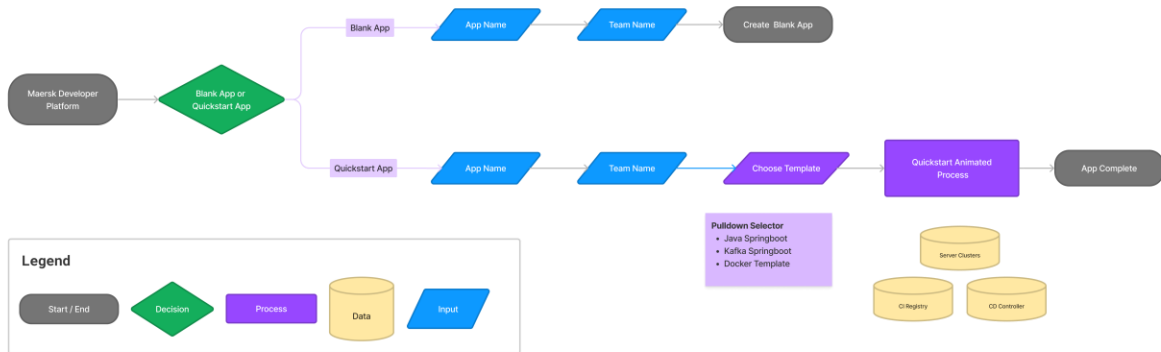
Type name

Rows per page: 25 1-25 of 144

KEY	NAME	INITIATIVE	DUE DATE	CONTRIBUTORS	JIRA ISSUES	EFFORT (%)	EFFORT (FTE)
WWF-576	Improve panel performance	Performance	15 Dec 2022	4	122	15%	9
WWF-555	New dashboard	2023 redesign	30 Oct 2022	4	96	14%	8
WWF-432	DB cleanup	Cost Saving	12 Jan 2023	4	54	10%	7

## User story

As a mid-level developer, I want to create and deploy a scaleable and stable platform, so I can create a new app for shipping cargo fast.



# MAERSK



CLUSTER NAME

# worker- Maersk-Dev-EU-NorthWest-2

App  
dans-blog-app

GitHub  
[github.com/maersk-global/dans-blog-app](https://github.com/maersk-global/dans-blog-app)

Url  
<http://maerskcorpwcao-agag>

Status  
Running ●

[metrics](#)

[logs](#)

Server Groups Pipelines Secrets Settings

## Secrets

cluster-secret-01 cluster-secret-02 cluster-secret-03

dans-blog-app-v004

Healthy ● Enabled  ▼

Name	Status	
dans-blog-app-v004-9712a	Failed <span style="color: green;">●</span>	
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	

dans-blog-app-v004

Healthy ● Enabled  ▼

Name	Status	
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	▲
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	▲
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	▼

Step	Started	Duration	Status
Find existing cluster	2023/05/15 10:34:31GMT	0:31	Completed <span style="color: green;">●</span>
Find the existing server group	2023/05/15 10:34:31GMT	0:04	Completed <span style="color: green;">●</span>
Find existing cluster	2023/05/15 10:34:31GMT	8:15	Completed <span style="color: green;">●</span>
Find existing cluster	2023/05/15 10:34:31GMT	0:09	Completed <span style="color: green;">●</span>
Find existing cluster	2023/05/15 10:34:31GMT	34:31	Completed <span style="color: green;">●</span>

dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	▲
dans-blog-app-v004-9712a	Healthy <span style="color: green;">●</span>	▲

dans-blog-app-v003 (5)

Healthy ● Enabled  ▲

dans-blog-app-v002 (8)

Healthy ● ▲

dans-blog-app-v001 (2)

Healthy ● ▲

SERVICE NAME

# Service Example Name

GitHub  
Connect to GitHub

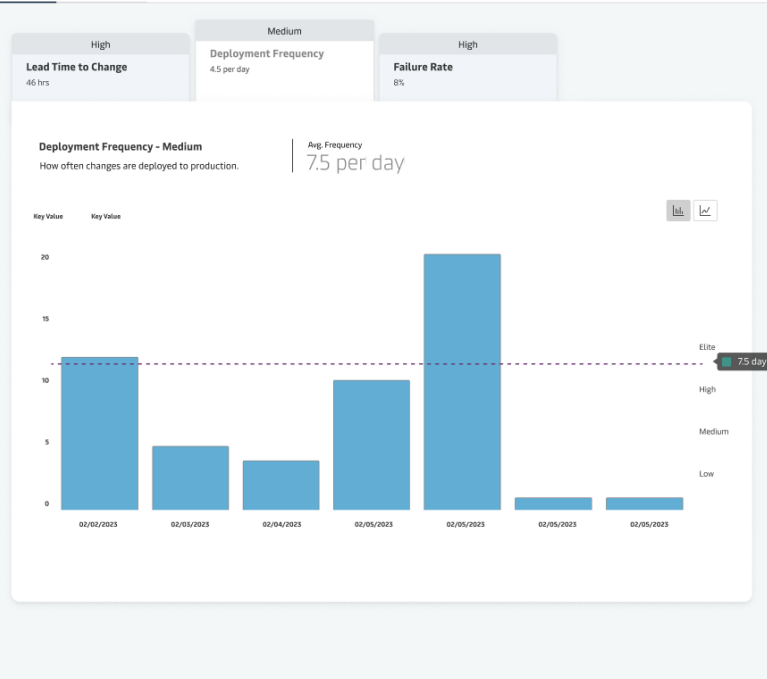
DORA

Dev Insights

Last 7 Days

Edit

Delete



## Edit Cluster

Name

Container Image Name

### Constraints

CPU Millicores

1 CPU = 1000 Millicores

Memory (MB)

1GB = 1024MB

### Instances

Count

Health

GitHub

Region

Rollout

Observability

Name

Delay

Period

Timeout

Type

Success Threshold

Failure Threshold

Enabled

Advanced settings

Scheme

### Headers

Name

Value

+

Name

Value

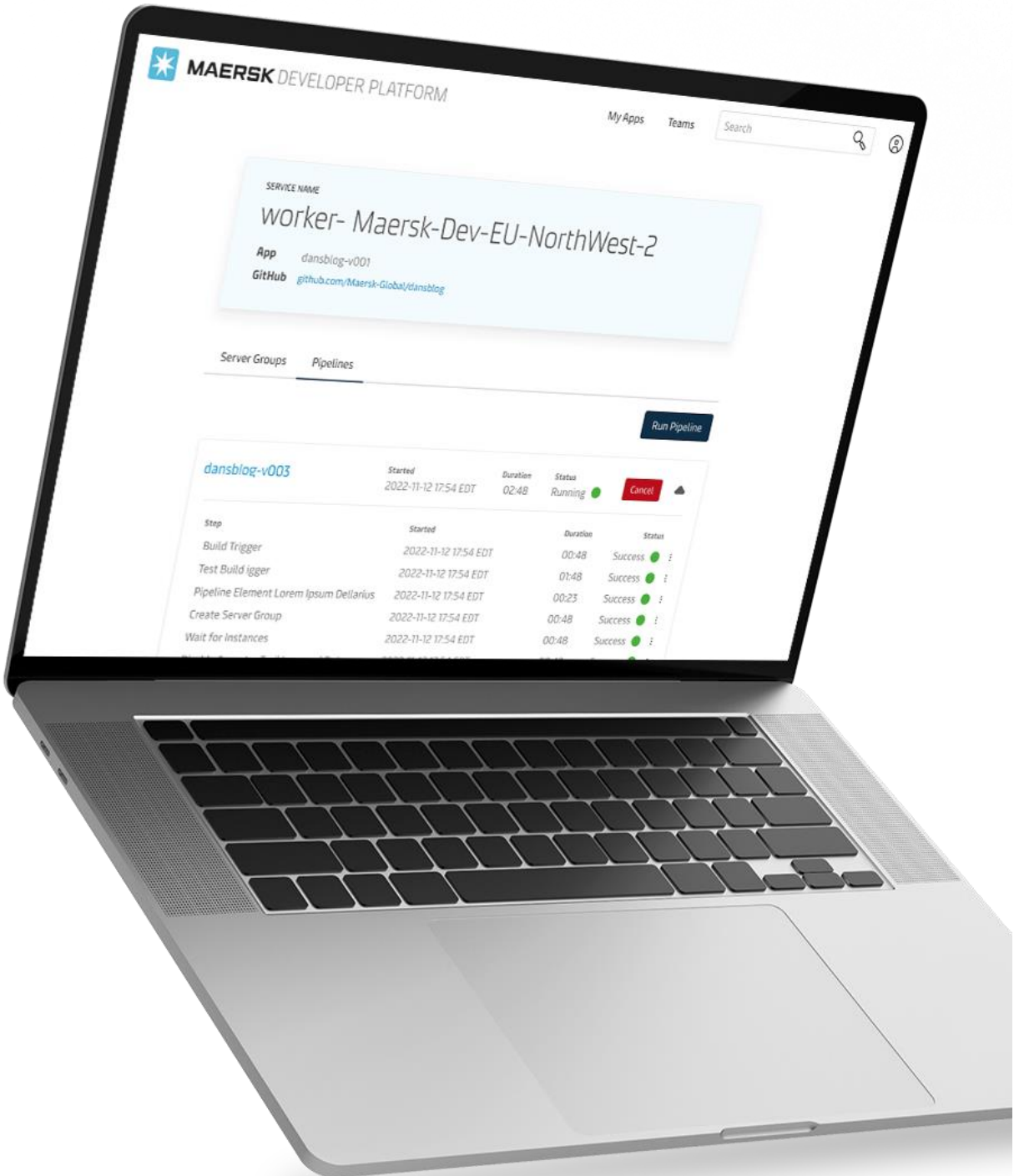
+

Path

Port

Cancel

Save Changes



SERVICE NAME  
**worker- Maersk-Dev-EU-NorthWest-2**

App [dansblog-v001](#)

GitHub [github.com/Maersk-Global/dansblog](https://github.com/Maersk-Global/dansblog)

Server Groups Pipelines

Run Pipeline



Step	Started	Duration	Status
<b>dansblog-v003</b>			
	2022-11-12 17:54 EDT	02:48	Running <span>Cancel</span>
Step	Started	Duration	Status
Build Trigger	2022-11-12 17:54 EDT	00:48	Success <span>⋮</span>
Test Build trigger	2022-11-12 17:54 EDT	01:48	Success <span>⋮</span>
Pipeline Element Lorem Ipsum Dellarius	2022-11-12 17:54 EDT	00:23	Success <span>⋮</span>
Create Server Group	2022-11-12 17:54 EDT	00:48	Success <span>⋮</span>
Wait for Instances	2022-11-12 17:54 EDT	00:48	Success <span>⋮</span>

CLUSTER NAME

# worker- Maersk-Dev-EU-NorthWest-2

App	GitHub	Url	Status
dans-blog-app	<a href="https://github.com/maersk-global/dans-blog-app">github.com/maersk-global/dans-blog-app</a>	<a href="http://maerskcorpwcao-agag">http://maerskcorpwcao-agag</a>	Running <span style="color: green;">●</span>

[metrics](#) [logs](#)

 Copy  Delete

Server Groups Pipelines Secrets Settings

General Health Region Rollout

 Edit

Container Image Name

app-extremely-longname- container-name

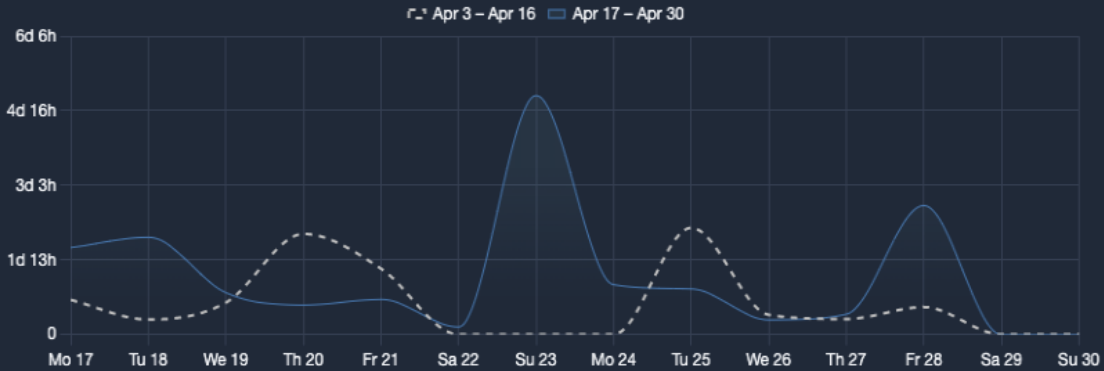
Container image name must begin with app-name-

Frequency ↗ 54%  
7.79 /day - 109 total

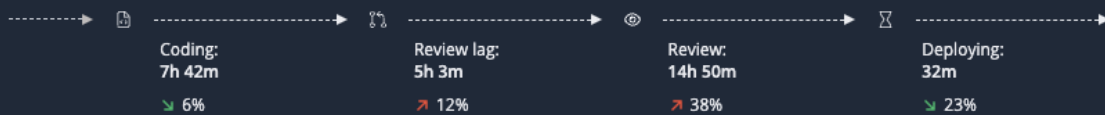
Lead time ↗ 16%  
**1d 4h 9m**  
1d 14m

Failure rate ↘ 1%  
2.8%

MTTR ↘ 96%  
17m



### Lead time breakdown



Viewing 109 deploys for Apr 17 - Apr 30 sorted by lead time

<span style="color: green;">●</span>	#7910 WIP-199: Remove overdue PR rule from rules.yml sleuth/application/Production	<span>S</span> <span>🔗 1</span> <span>🔗 3</span> <span>🔗</span>	Jure Malovrh, +1	<span>🕒</span> 11d 8h 28m Friday 10:40 AM
<span style="color: green;">●</span>	#7860 WIP-187: Add Rule execution for Goal tasks sleuth/application/Production	<span>S</span> <span>🔗 1</span> <span>🔗 2</span> <span>🔗</span>	Jure Malovrh	<span>🕒</span> 9d 16h 54m 04/17/2023
<span style="color: green;">●</span>	#7981 SD-7566: Optionally point to staging CDN for FE... sleuth/application/Production	<span>S</span> <span>🔗 1</span> <span>🔗 1</span> <span>🔗</span>	Devin Rasmussen	<span>🕒</span> 6d 22h 38m Monday 11:43 PM
<span style="color: green;">●</span>	#7931 WIP-205: Change Trigger type for Deploy Goals and 1... sleuth/application/Production	<span>S</span> <span>🔗 2</span> <span>🔗 4</span> <span>🔗</span>	Jure Malovrh, +1	<span>🕒</span> 6d 20h 35m 04/18/2023
<span style="color: orange;">●</span>	#7991 Bump sqlparse from 0.4.3 to 0.4.4 sleuth/application/Production	<span>M</span> <span>🔗 1</span> <span>🔗 2</span> <span>🔗</span> <span>py_upgrade</span>	Dependabot, +2	<span>🕒</span> 6d 11h 19m Friday 4:58 AM

Frequency ↗ 54%

7.79 /day - 109 total  
5.07 /day - 71 total

Lead time ↗ 16%

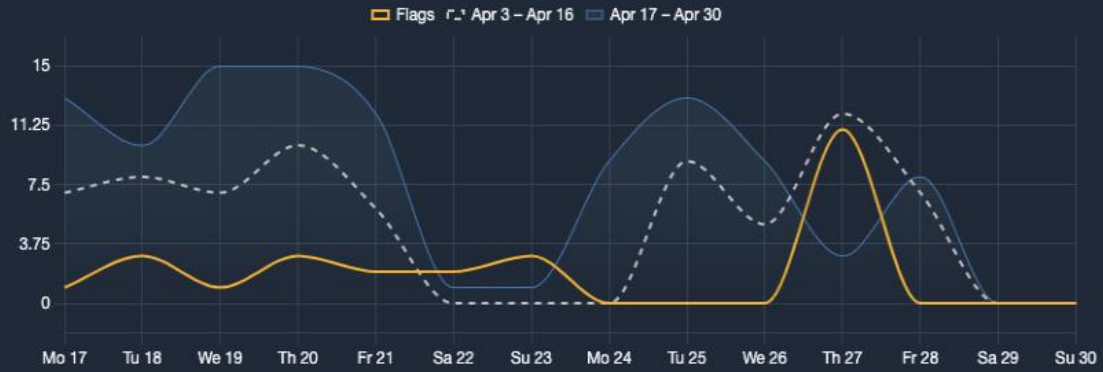
1d 4h 9m

Failure rate ↘ 1%

2.8%

MTTR ↘ 96%

17m



### Batch size breakdown

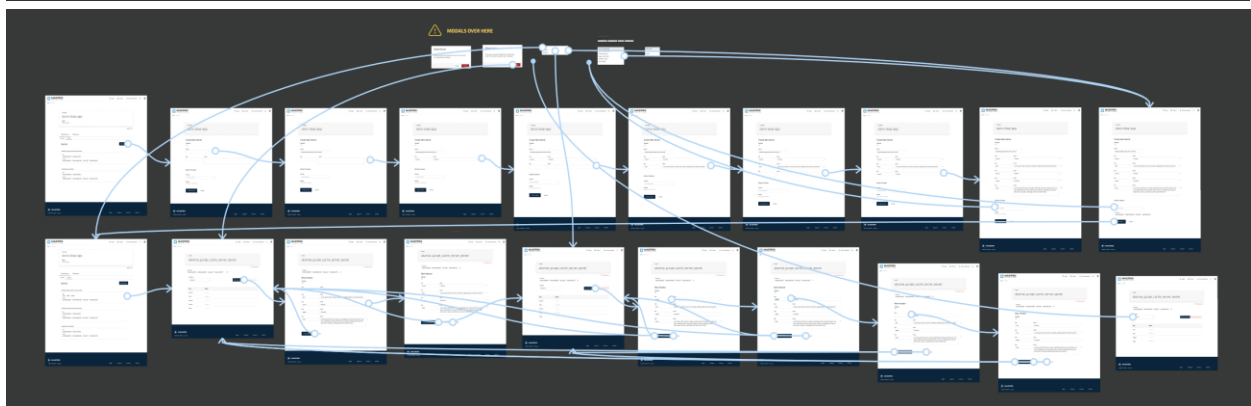
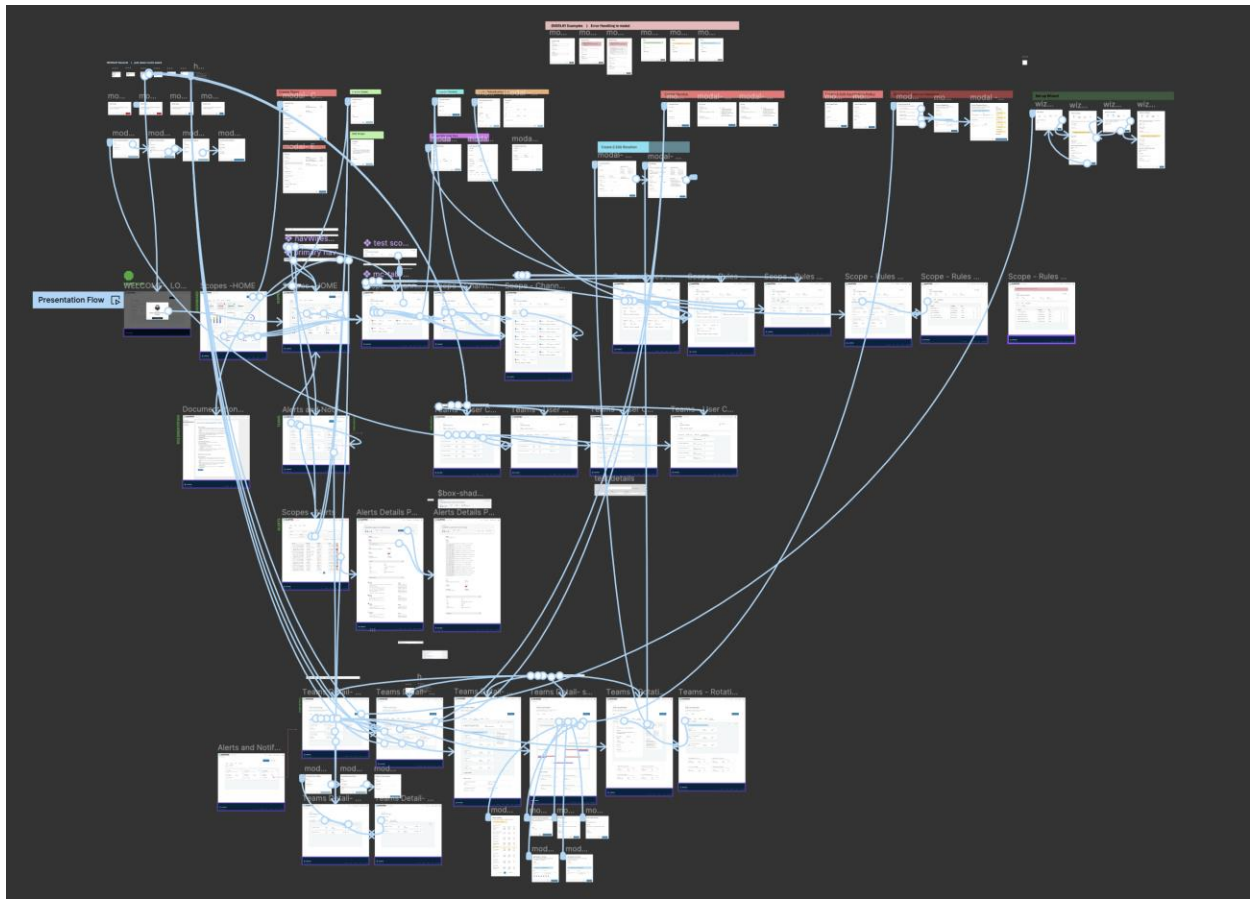
**S** 87.2% ↘ 3%

**M** 11.9% ↗ 3%

**L** 0.9% ↘ 0%

**G** 0% → 0%



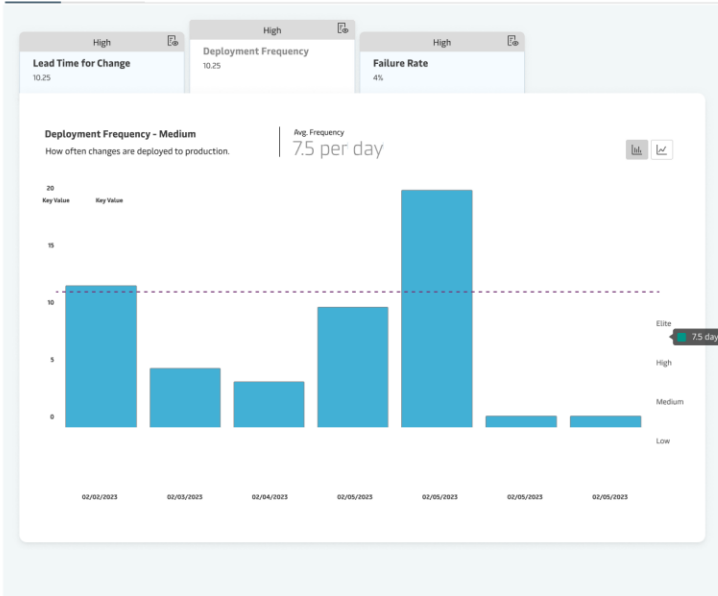


SERVICE NAME  
**Service Example Name**

GitHub  
Connect to GitHub

Last 7 Days

DORA Dev Insights



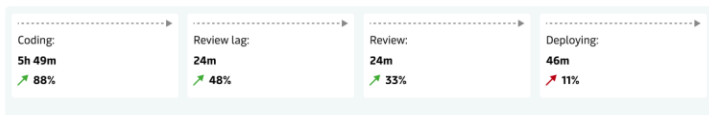
Viewing deploys for last 7 days

This data is a table display of all the data points represented in the selection above.

Pull request	Size	Github	Author	Duration	Deployed
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	L	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	M	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023
0001 flag Automations UI completed scheduled changes...	S	vga89201...	gbchartra	2h 15m	04/03/2023

Lead Time Breakdown

This data is a columns display representing the lead time breakdown.



SERVICE NAME  
**worker- Maersk-Dev-EU-NorthWest-2**

App [dansblog-v001](#)  
GitHub [github.com/Maersk-Global/dansblog](https://github.com/Maersk-Global/dansblog)

Server Groups Pipelines

Run Pipeline

Step	Started	Duration	Status
<b>dansblog-v003</b>			
	Started 2022-11-12 17:54 EDT	Duration 02:48	Status Running <span style="color: green;">●</span> <span style="color: red;">Cancel</span>
Build Trigger	2022-11-12 17:54 EDT	00:48	Success <span style="color: green;">●</span>
Test Build trigger	2022-11-12 17:54 EDT	01:48	Success <span style="color: green;">●</span>
Pipeline Element Lorem Ipsum Dellarius	2022-11-12 17:54 EDT	00:23	Success <span style="color: green;">●</span>
Create Server Group	2022-11-12 17:54 EDT	00:48	Success <span style="color: green;">●</span>
Wait for Instances	2022-11-12 17:54 EDT	00:48	Success <span style="color: green;">●</span>
Disable Ancestor Trail Logs and Data	2022-11-12 17:54 EDT	00:48	Success <span style="color: green;">●</span>
Disable Ancestor Trail Logs and Data	2022-11-12 17:54 EDT	00:48	Success <span style="color: green;">●</span>
Destroy Older	2022-11-12 17:54 EDT	00:48	Running <span style="color: blue;">●</span>
Deploy Trigger	2022-11-12 17:54 EDT	00:48	Pending <span style="color: gray;">●</span>
Send Notice to the Stakeholders	2022-11-12 17:54 EDT	00:48	Pending <span style="color: gray;">●</span>
Complete	2022-11-12 17:54 EDT	00:48	Pending <span style="color: gray;">●</span>
<b>dansblog-v002</b>			
	Started 2022-10-12 14:22 EDT	Duration 04:48	Status Complete <span style="color: green;">●</span>
<b>dansblog-v001</b>			
	Started 2022-10-12 14:22 EDT	Duration 04:48	Status Complete <span style="color: green;">●</span>
<b>dansblog-v000</b>			
	Started 2022-10-12 14:22 EDT	Duration 04:48	Status Complete <span style="color: green;">●</span>

