

KAD LOGOVI PRIČAJU PRIČE

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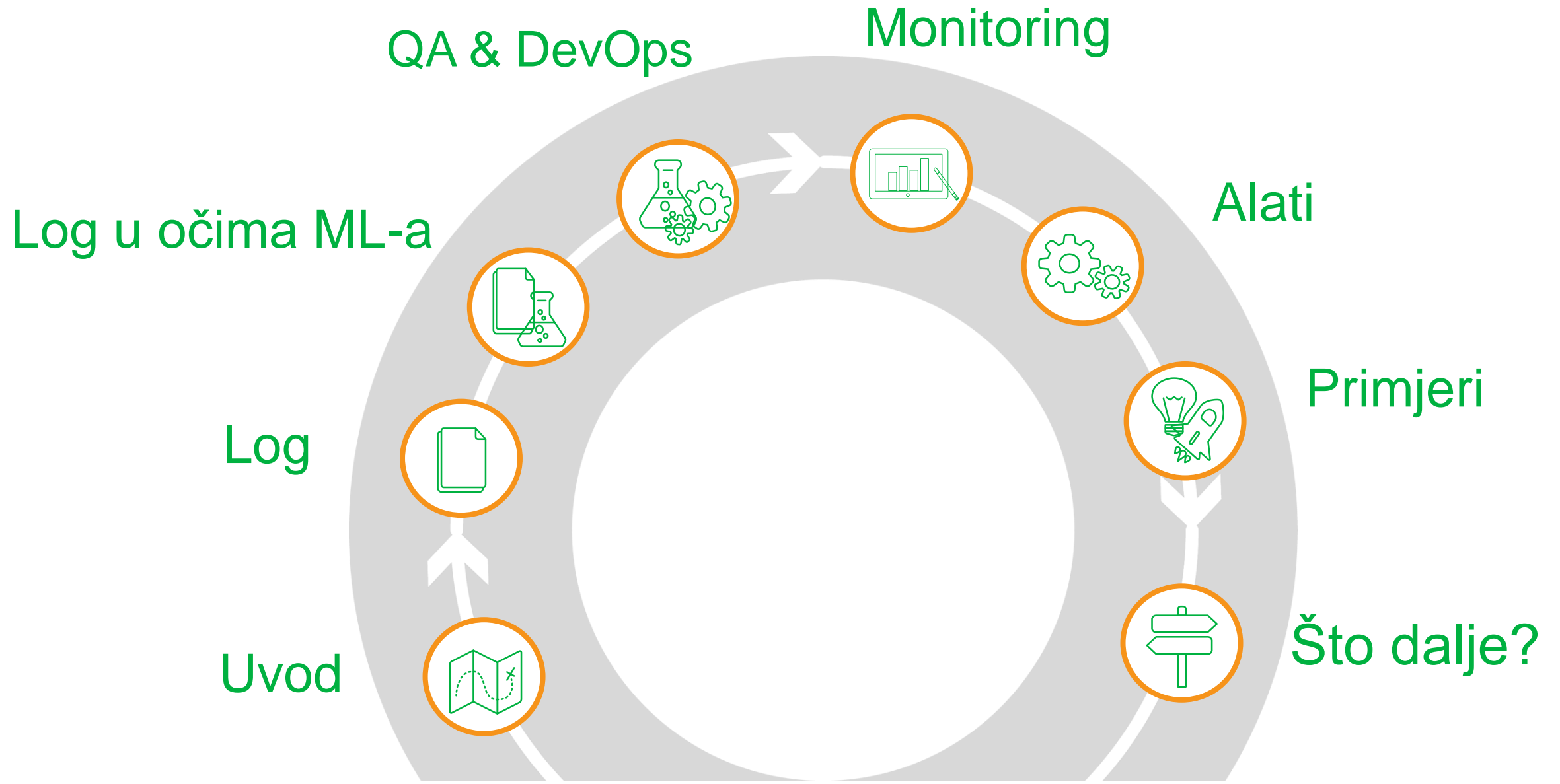


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8. ožujak, 2018
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Sadržaj



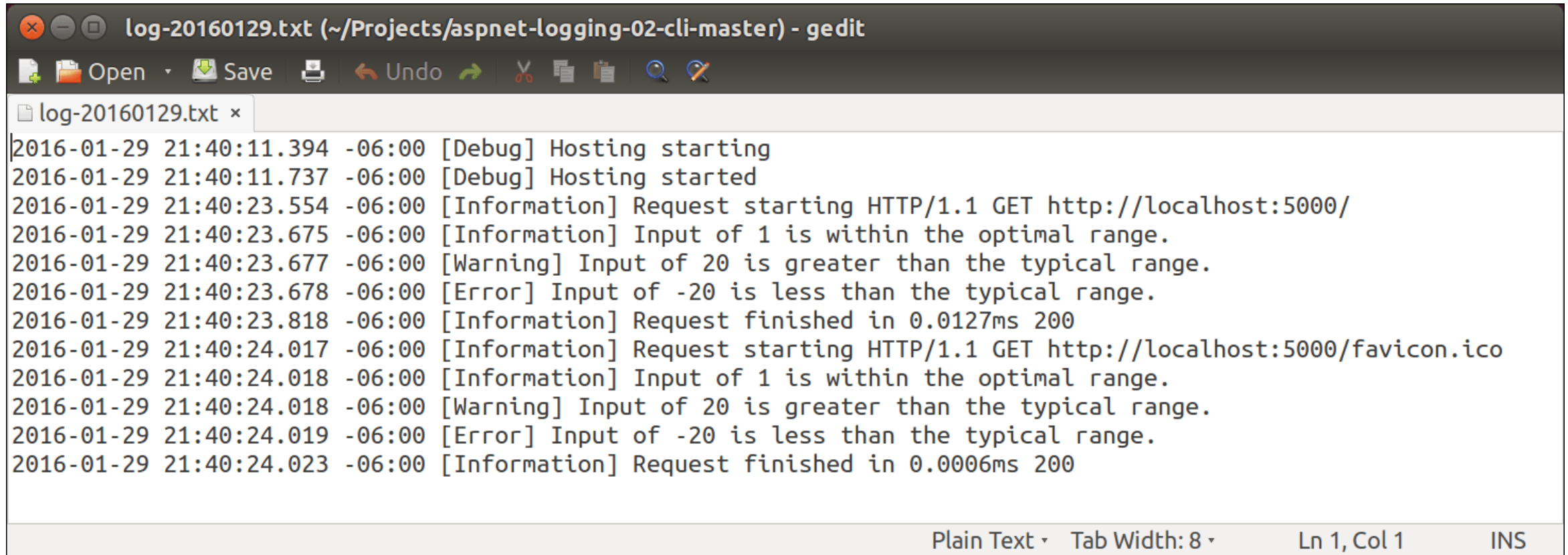


**“ QUALITY MEANS DOING IT
RIGHT WHEN NO ONE IS
LOOKING**

”

Henry Ford

Log



The screenshot shows a gedit text editor window titled "log-20160129.txt (~/Projects/aspnet-logging-02-cli-master) - gedit". The window contains a log file with the following content:

```
log-20160129.txt x
2016-01-29 21:40:11.394 -06:00 [Debug] Hosting starting
2016-01-29 21:40:11.737 -06:00 [Debug] Hosting started
2016-01-29 21:40:23.554 -06:00 [Information] Request starting HTTP/1.1 GET http://localhost:5000/
2016-01-29 21:40:23.675 -06:00 [Information] Input of 1 is within the optimal range.
2016-01-29 21:40:23.677 -06:00 [Warning] Input of 20 is greater than the typical range.
2016-01-29 21:40:23.678 -06:00 [Error] Input of -20 is less than the typical range.
2016-01-29 21:40:23.818 -06:00 [Information] Request finished in 0.0127ms 200
2016-01-29 21:40:24.017 -06:00 [Information] Request starting HTTP/1.1 GET http://localhost:5000/favicon.ico
2016-01-29 21:40:24.018 -06:00 [Information] Input of 1 is within the optimal range.
2016-01-29 21:40:24.018 -06:00 [Warning] Input of 20 is greater than the typical range.
2016-01-29 21:40:24.019 -06:00 [Error] Input of -20 is less than the typical range.
2016-01-29 21:40:24.023 -06:00 [Information] Request finished in 0.0006ms 200
```

The status bar at the bottom of the window indicates "Plain Text", "Tab Width: 8", "Ln 1, Col 1", and "INS".



Demistificiranje log zapisa

Timestamp ← 2018-02-26 16:25:23 3346 [38]

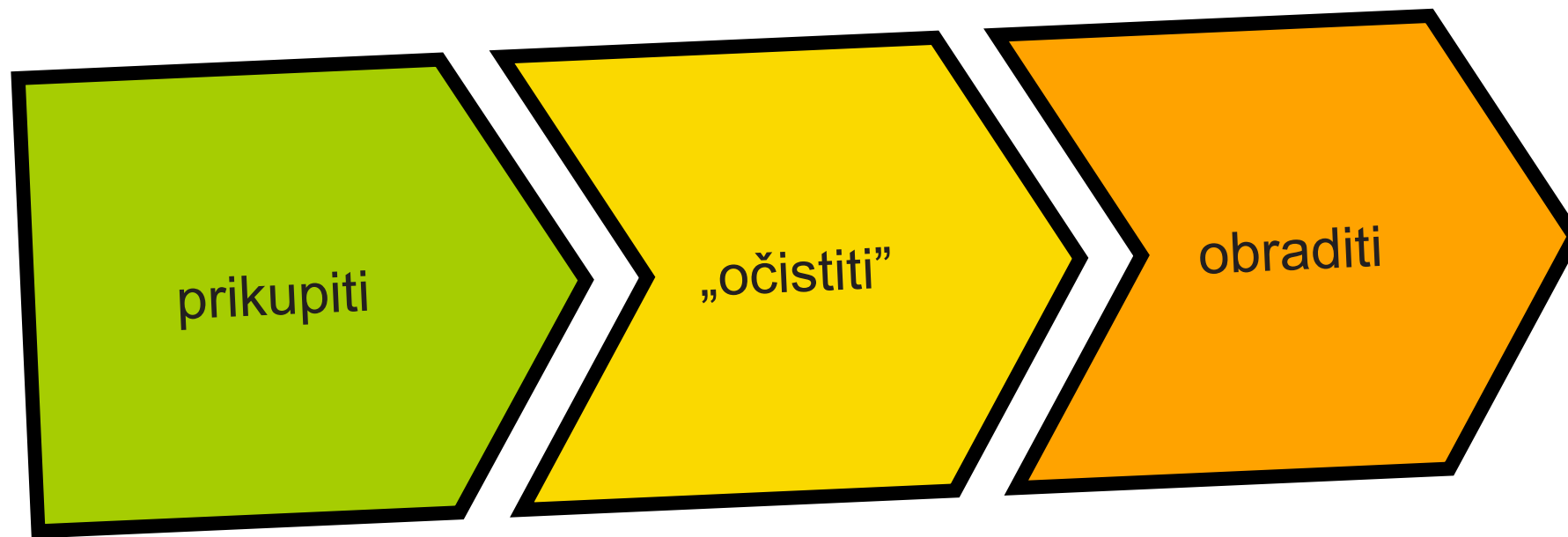
Log level filter ← INFO

Logger ← BaseController.GetOrCreateUser

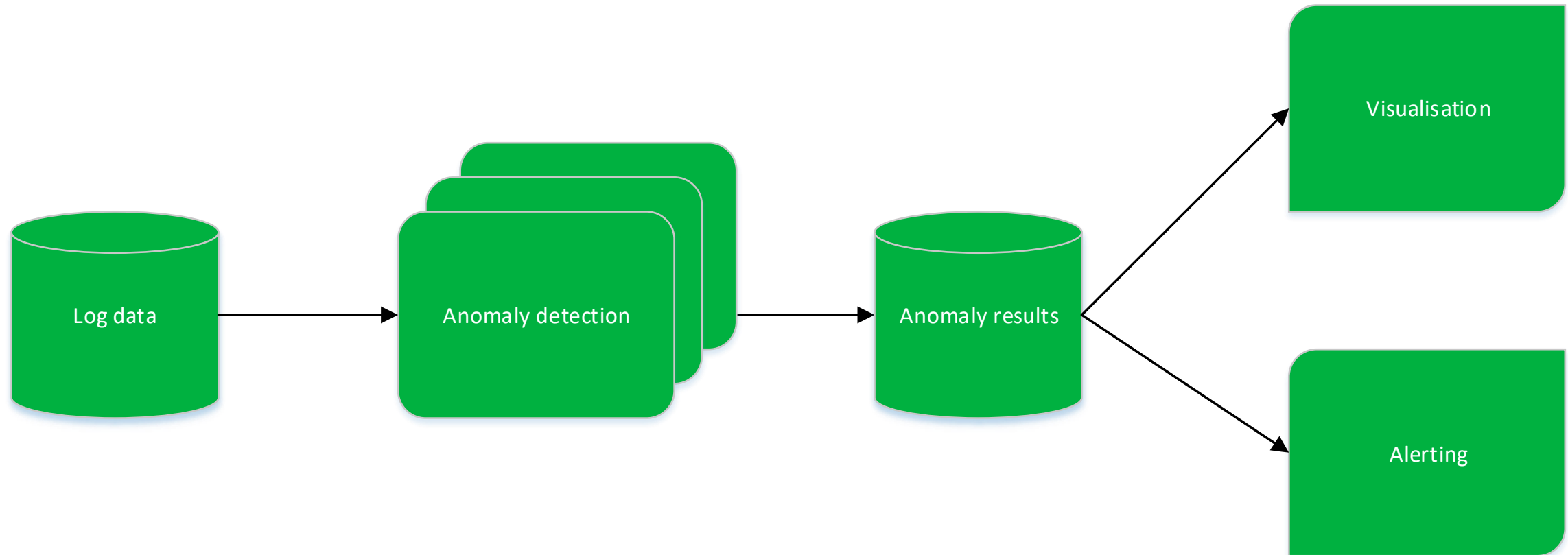
Log message ← username: smajic@span.eu



Logovi kroz oči strojnog učenja



Logovi kroz oči strojnog učenja



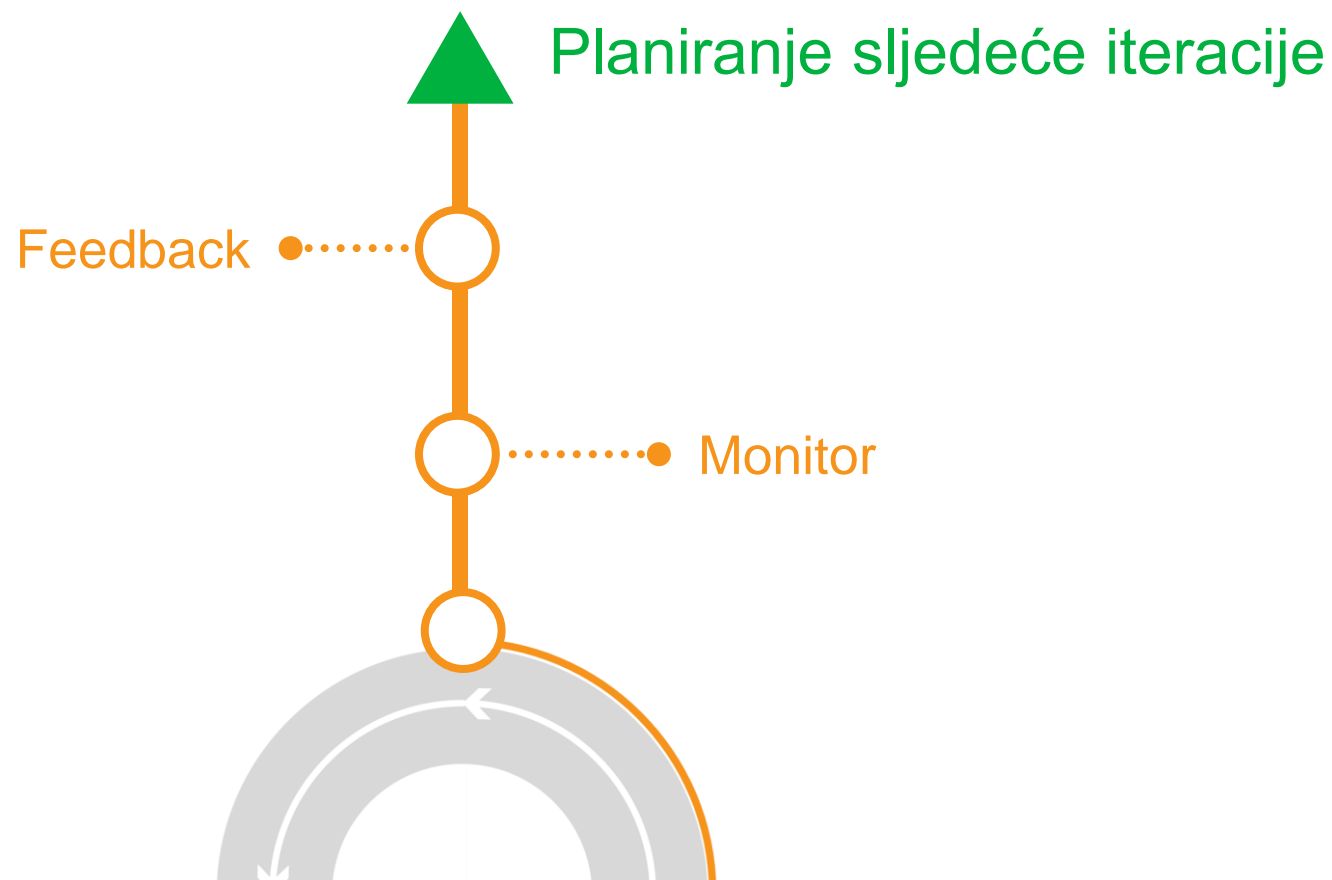
QA & DevOps – dvije strane iste medalje





Učenje kroz monitoring

- Testovi
- Logovi
- Anomalije



Alati

- ✓ ReportPortal.io
- ✓ Azure Log Analytics
- ✓ Prometheus i Grafana
- ✓ Dynatrace



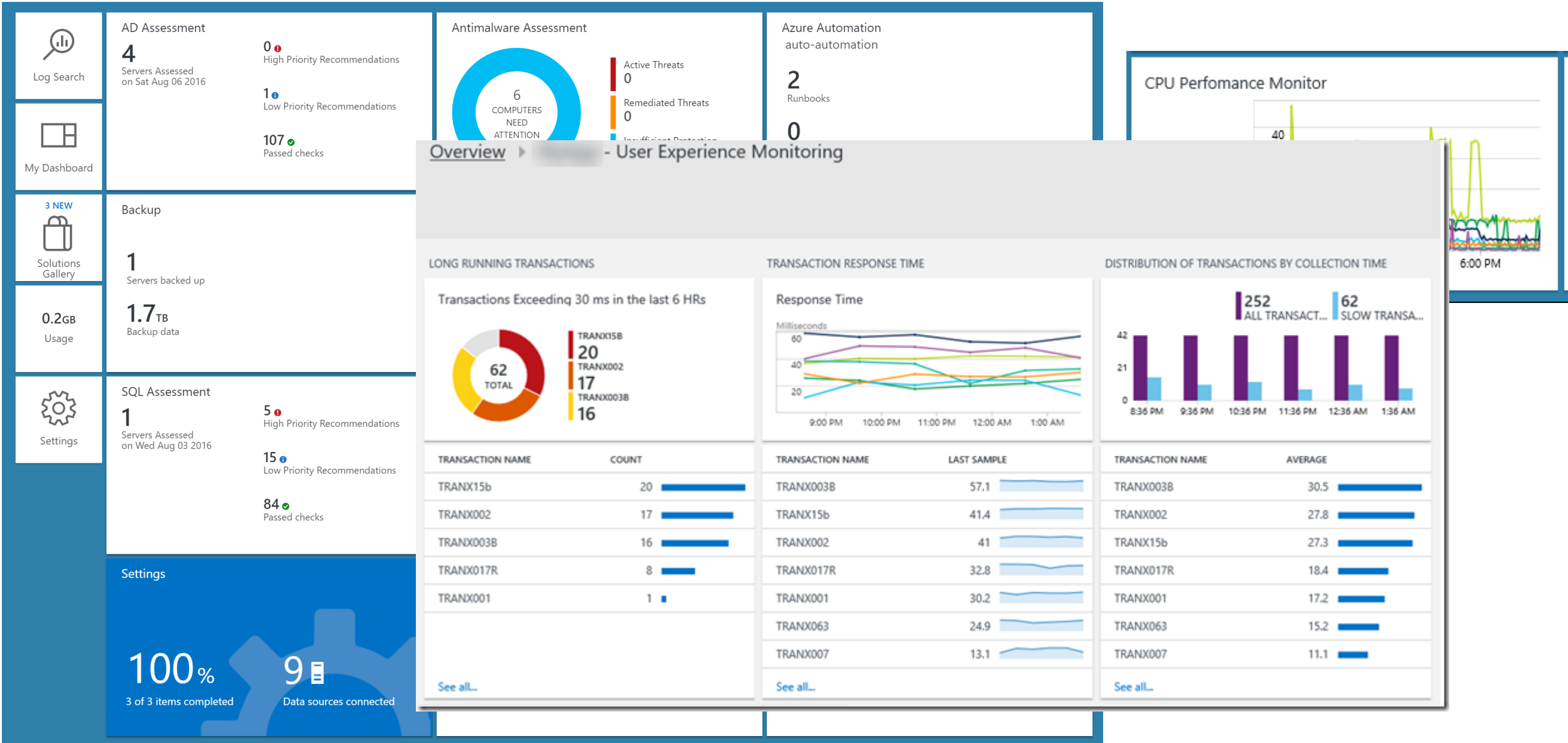
PRIMJERI



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Backup

1

Servers backed up

1.7TB

Backup data

SQL Assessment

1

Servers Assessed on Wed Aug 03 2016

5 High Priority Recommendations

15 Low Priority Recommendations

84 Passed checks

Settings

100%

3 of 3 items completed

9

Data sources connected

Overview

- User Experience Monitoring

LONG RUNNING TRANSACTIONS

Transactions Exceeding 30 ms in the last 6 Hrs

62 TOTAL

TRANX15b 20

TRANX002 17

TRANX003B 16

TRANSACTION RESPONSE TIME

Response Time

TRANSACTION NAME	COUNT
TRANX15b	20
TRANX002	17
TRANX003B	16
TRANX017R	8
TRANX001	1

See all...

DISTRIBUTION OF TRANSACTIONS BY COLLECTION TIME

252 ALL TRANSACTIONS

62 SLOW TRANSACTIONS

TRANSACTION NAME	AVERAGE
TRANX003B	30.5
TRANX002	27.8
TRANX15b	27.3
TRANX017R	18.4
TRANX001	17.2
TRANX063	15.2
TRANX007	11.1

See all...

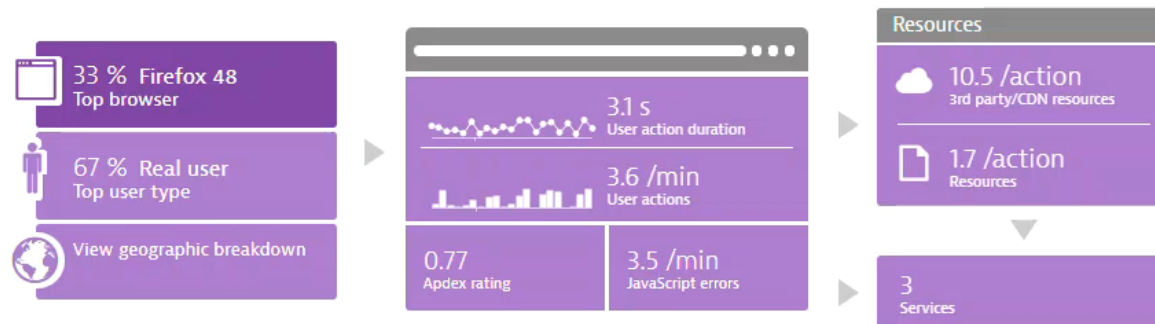
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#WiDSZagreb #WiDS2018



Performance analysis

Actions /min, Action duration, Apdex rating, JavaScript errors, 3rd party providers and Services.



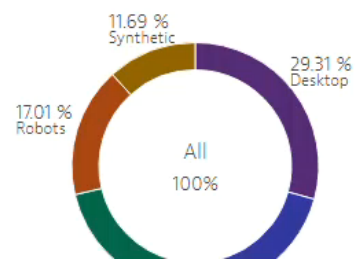
User behavior

Active sessions, Actions per session, Entry/Exit actions, Bounce rate, and Conversion goals.



Browser breakdown

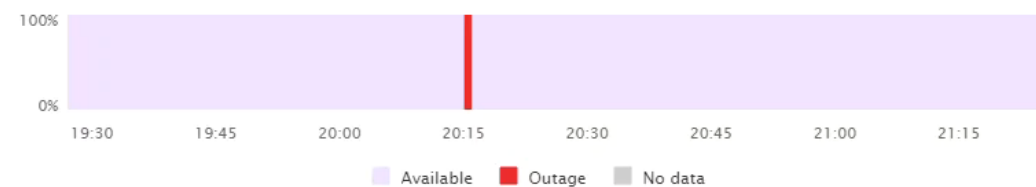
All Desktop Mobile Tablet Synthetic Robots



No problems in last 72 hours

95 % Availability

1 Synthetic monitor 2 Locations 6 min Total downtime



Pomaže u
smanjenju rizika
prihoda

Targeted
troubleshooting
– visibility cijelog
delivery chain-a

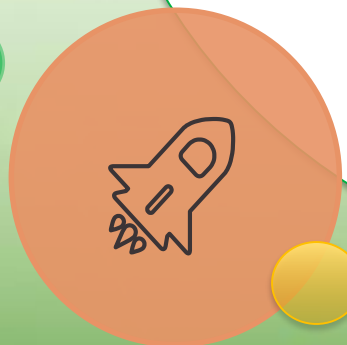
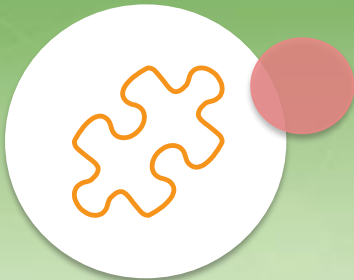
Pomaže osigurati
dosljedno pozitivno
iskustvo korisnika

„What's it in for me?”

Proaktivne obavijesti
o tome što treba biti
fixano, prije nego što
bi utjecalo na
zaposlenike i korisnike

Prati dostupnost
resursa i korištenja
kapaciteta te smanjuje
rizik od prekida rada

ŠTO DALJE ?

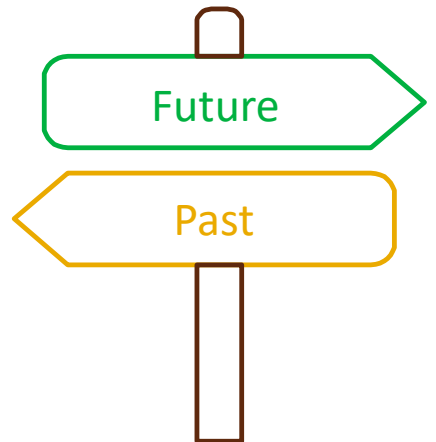


Što dalje?



- AIOps
- KPI → identificiranje načina poboljšanja aplikacije
- APM → UXM

„Empirical performance is one thing, but paying attention to perceived performance and functionality is something else. It's the very definition of UXM”



“

Data science is not voodoo.
We are not building fancy math
models for their own sake.
We are trying to listen to what the
customer is telling us through their
behaviour.



Imaš pitanje?

Možeš mi se javiti na:
- stefani.majic@gmail.com



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