

MONITORING OF YOUR PHP APPLICATION

Philipp Krenn

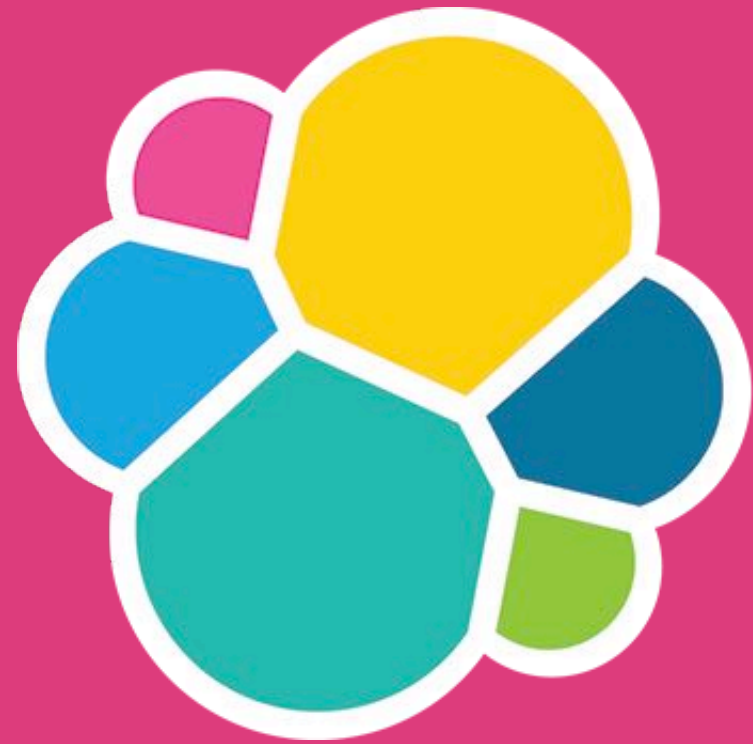
@xeraa





ALL THE THINGS!





elastic

Infrastructure | Developer Advocate

Disclaimer

I build **highly** monitored Hello World
apps

How do you log and monitor?

APPLICATION





SilverStripe



Learn by doing: less theory, more results

SilverStripe 2.4

Module Extension, Themes, and Widgets

Create smashing SilverStripe applications by extending modules, creating themes, and adding widgets

Beginner's Guide

Philipp Krenn

[PACKT] open source*
PUBLISHING community experience distilled

CLOUD





cloud



OPEN SOURCE





Kibana



Elasticsearch



Logstash



Beats

A low-angle, upward-looking shot of a white security camera mounted on a ceiling. The ceiling features a grid of fluorescent light fixtures, with one light glowing brightly. The camera is positioned centrally, pointing downwards. The overall atmosphere is dark and surveillance-oriented.

MONITORING

Metricbeat: System

Packetbeat

Filebeat Modules

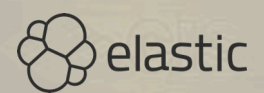
Metricbeat: Modules

Filebeat: Log + JSON

Heartbeat



Auditbeat



MORE



Name

Heap

Select an Index

metricbeat-*

Select a time field

@timestamp

Run this water

1

Broad searches can be done by adding * to your query

Matching the following condition

WHEN max() OF jolokia.metrics.memory.heap_usage.used GROUPED OVER 5 'beat.name' IS ABOVE 50000000 FOR THE LAST 5 minutes

beat.name (1 of 3): frontend.xeraa.wtf



*X-Pack and part of the Elastic Cloud

Alerts*

Name

Heap

Select an Index

metricbeat-*

Select a time field

@timestamp

Run this water

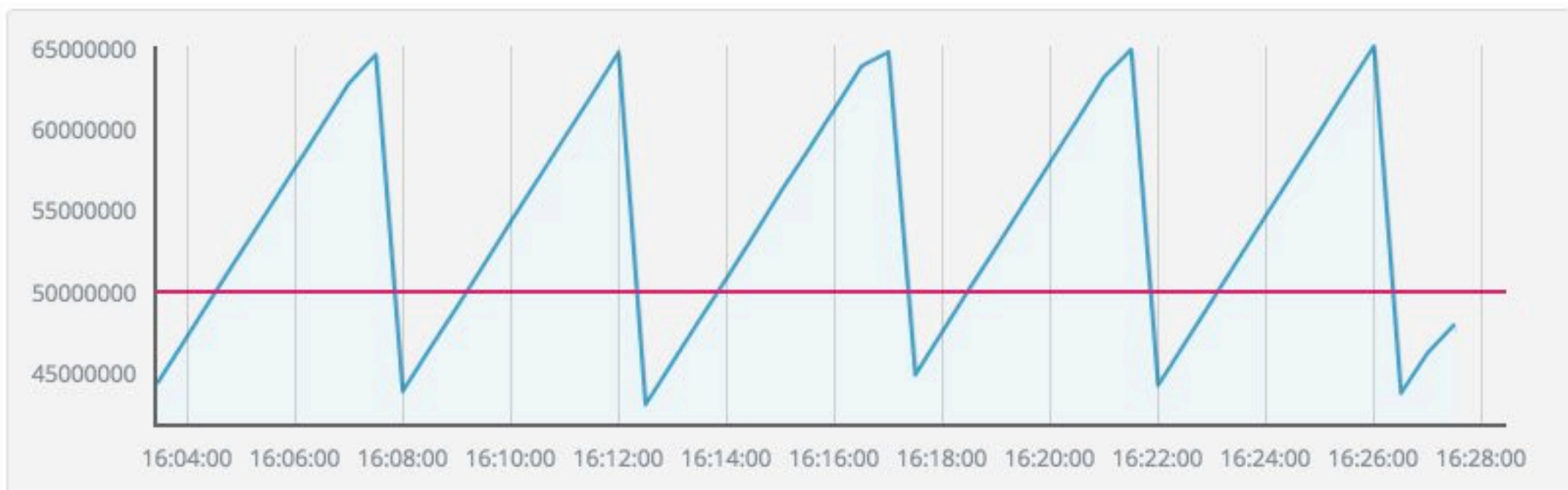
1

Broad searches can be done by adding * to your query

Matching the following condition

WHEN max() OF jolokia.metrics.memory.heap_usage.used GROUPED OVER top 5 'beat.name' IS ABOVE 50000000 FOR THE LAST 5 minutes

beat.name (1 of 3): frontend.xeraa.wtf

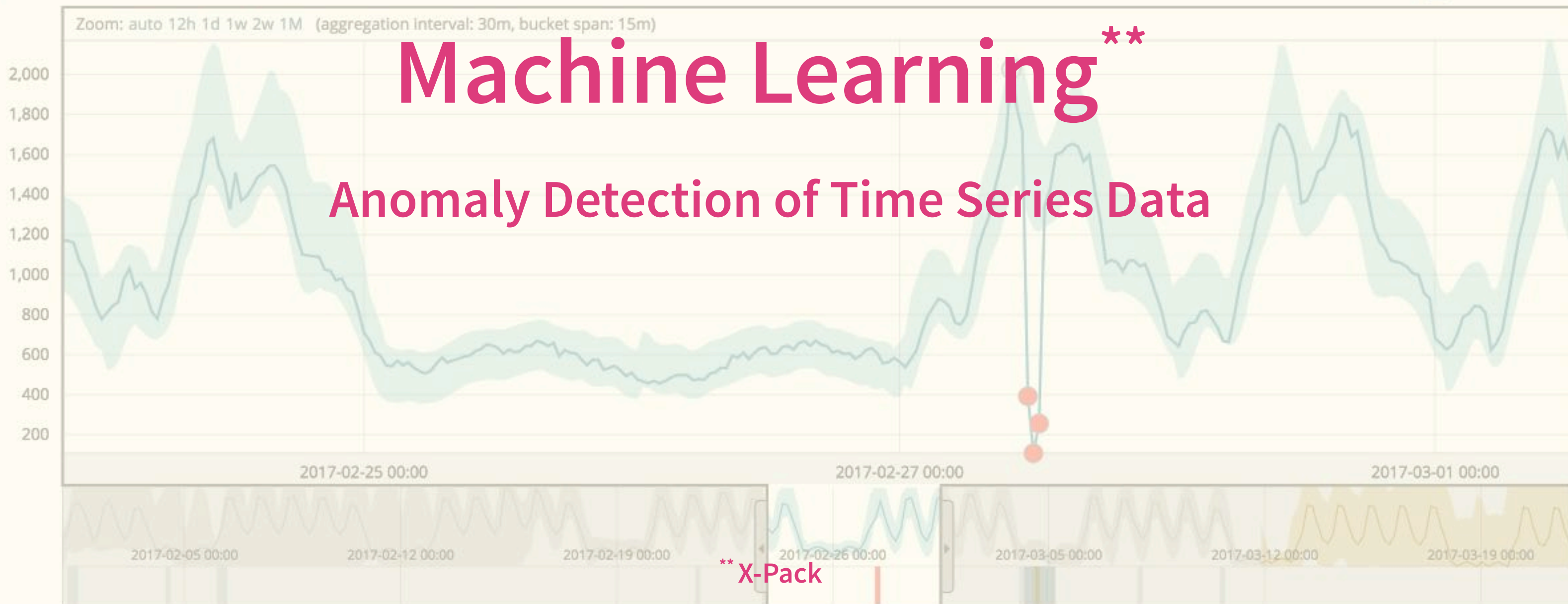


Job nginx-single

Detector: distinct_count (nginx.access.remote_ip)

Forecast

Single time series analysis of cardinality nginx.access.remote_ip

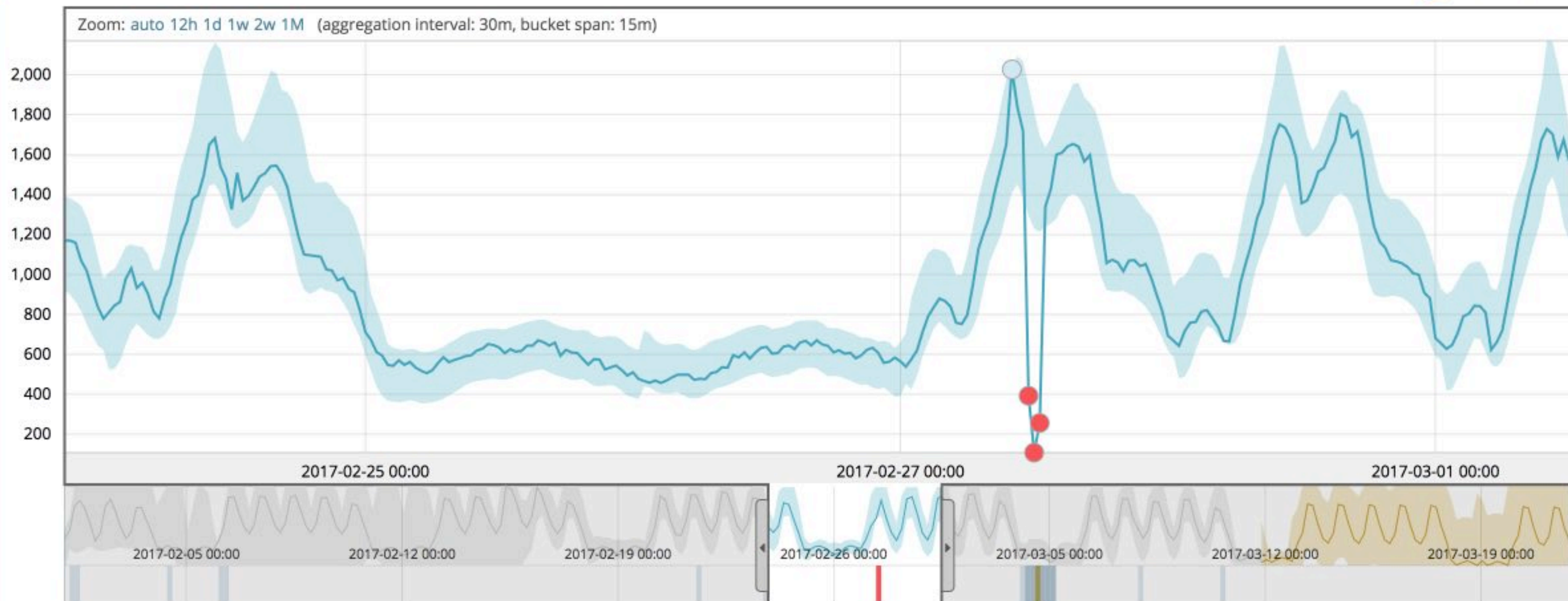
☒ show model bounds

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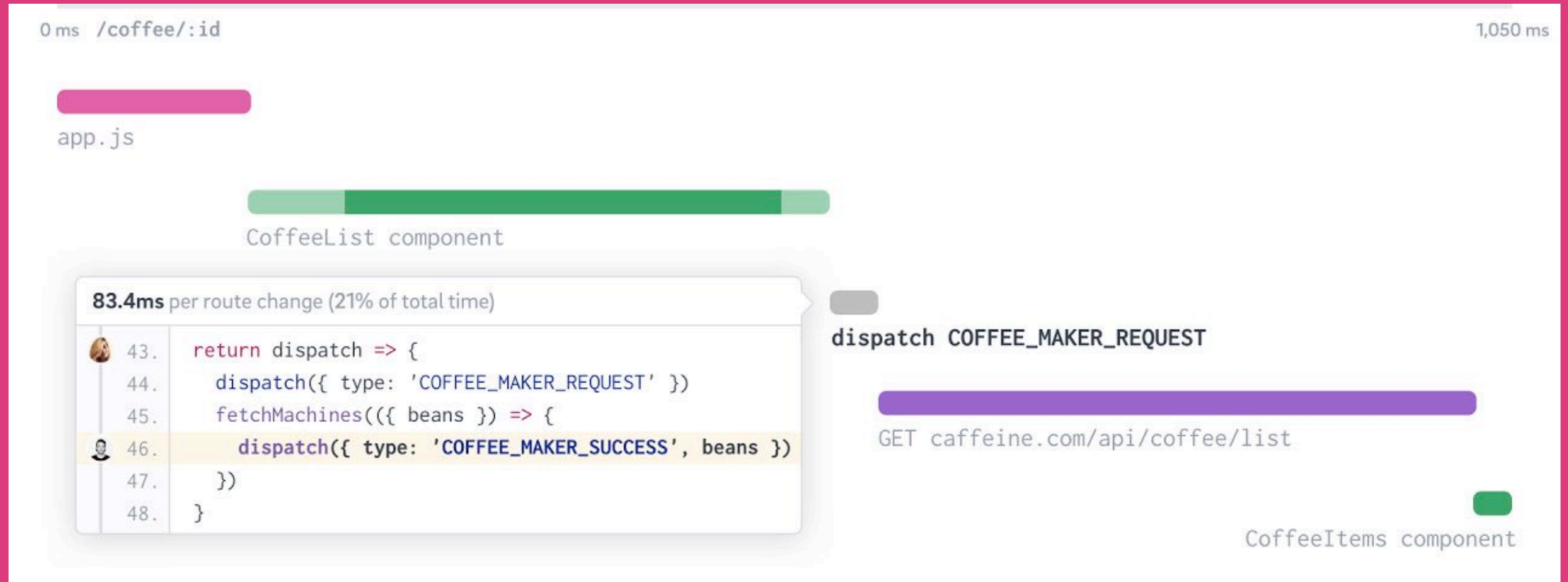
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WORK HARDER

FUTURE

APM

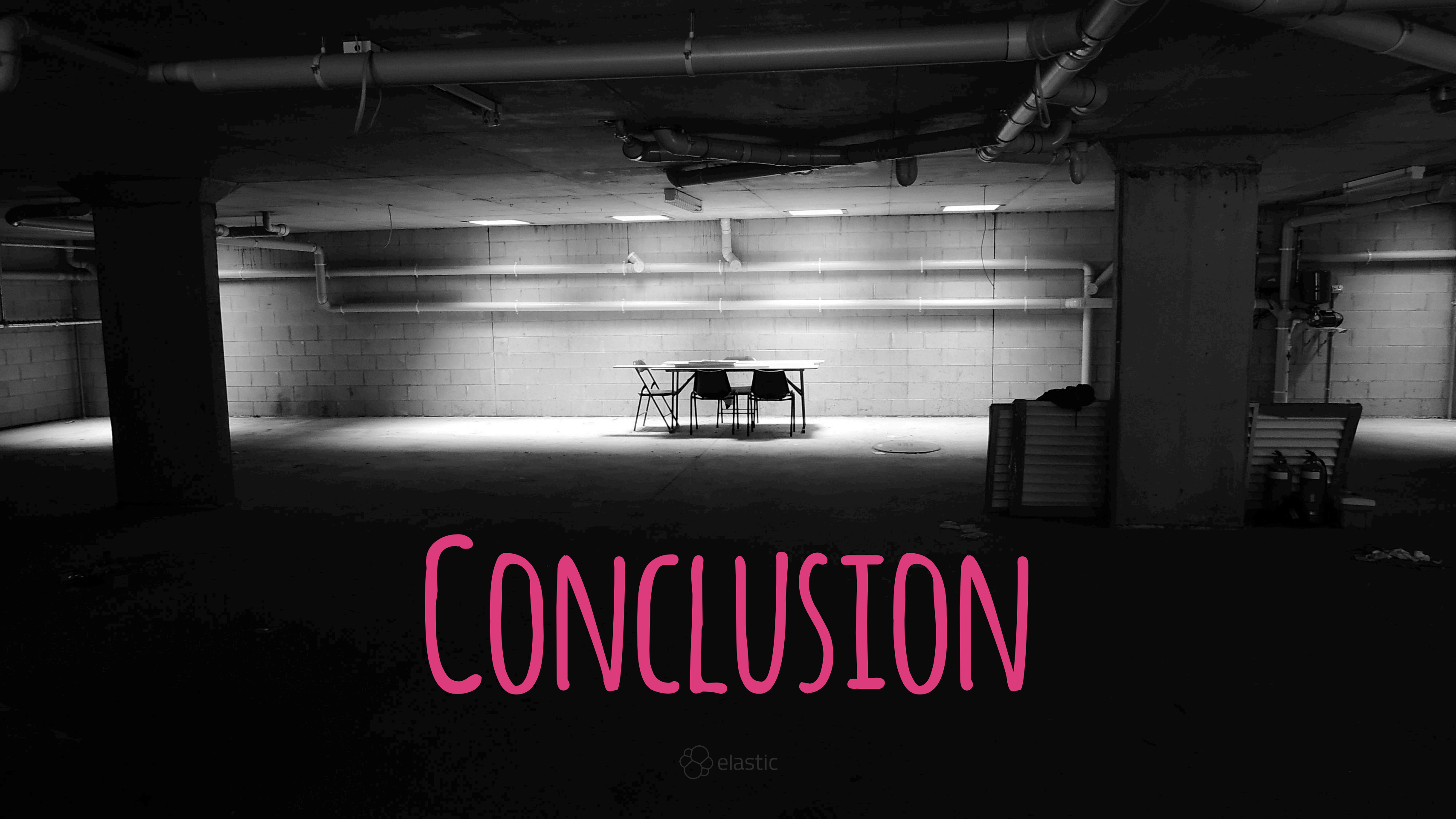


GA: Node.js, React, Python

Beta: Ruby, Go, Java

<https://github.com/frankkoornstra/elastic-apm-agent>

<https://github.com/philkra/elastic-apm-php-agent>



CONCLUSION



Next

<https://dashboard.xeraa.wtf>

<https://github.com/xeraa/php-monitoring>

QUESTIONS?

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PS: Sticker