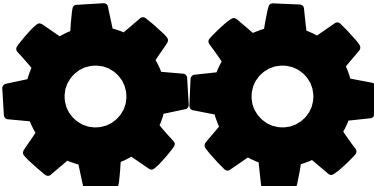


We deployed the Elastic stack.

Nobody expected what happened next...

Jens Fischer @jensfischerhh

**DEV  OPS**

DEV 

(we)



 OPS

(them)

A close-up photograph of a ginger cat's face. The cat has large, light-colored eyes and is looking directly at the camera. Its fur is a mix of orange and white. A semi-transparent white rectangular box is overlaid on the center of the cat's face, containing the text "Can I haz log files?".

*Can I haz  
log files?*



elastic



**logstash**

kibana

QUERY ▲  
FILTERING ◀

count per 10m | (186325 hits)



100 to 200 of 500 available for paging



timestamp ▶	request_path ▶	status ▶	request_length ▶	byte ▶
19/Dec/2013:02:23:53 +0000	/birdwatch_tech/tweets/413494904229462016	201	2272	94
19/Dec/2013:02:23:53 +0000	/queries/tweets/_percolate/	200	2267	90
19/Dec/2013:02:23:49 +0000	/birdwatch_tech/tweets/413494887750074368	201	2521	94
19/Dec/2013:02:23:49 +0000	/queries/tweets/_percolate/	200	2516	157
19/Dec/2013:02:23:48 +0000	/birdwatch_tech/tweets/413494883794444288	201	2409	94





*Did you notice  
we're offline?*

er 1h | (365506 hits)

*requests  
slower than*

*1s, 2s, 5s*

08:00 16:00 00:00 08:00 16:00 00:00  
03-12 03-12 03-13 03-13 03-13 03-14



# BI

KNOWLEDGE MANAGEMENT

BENCHMARKING



DATA MINING



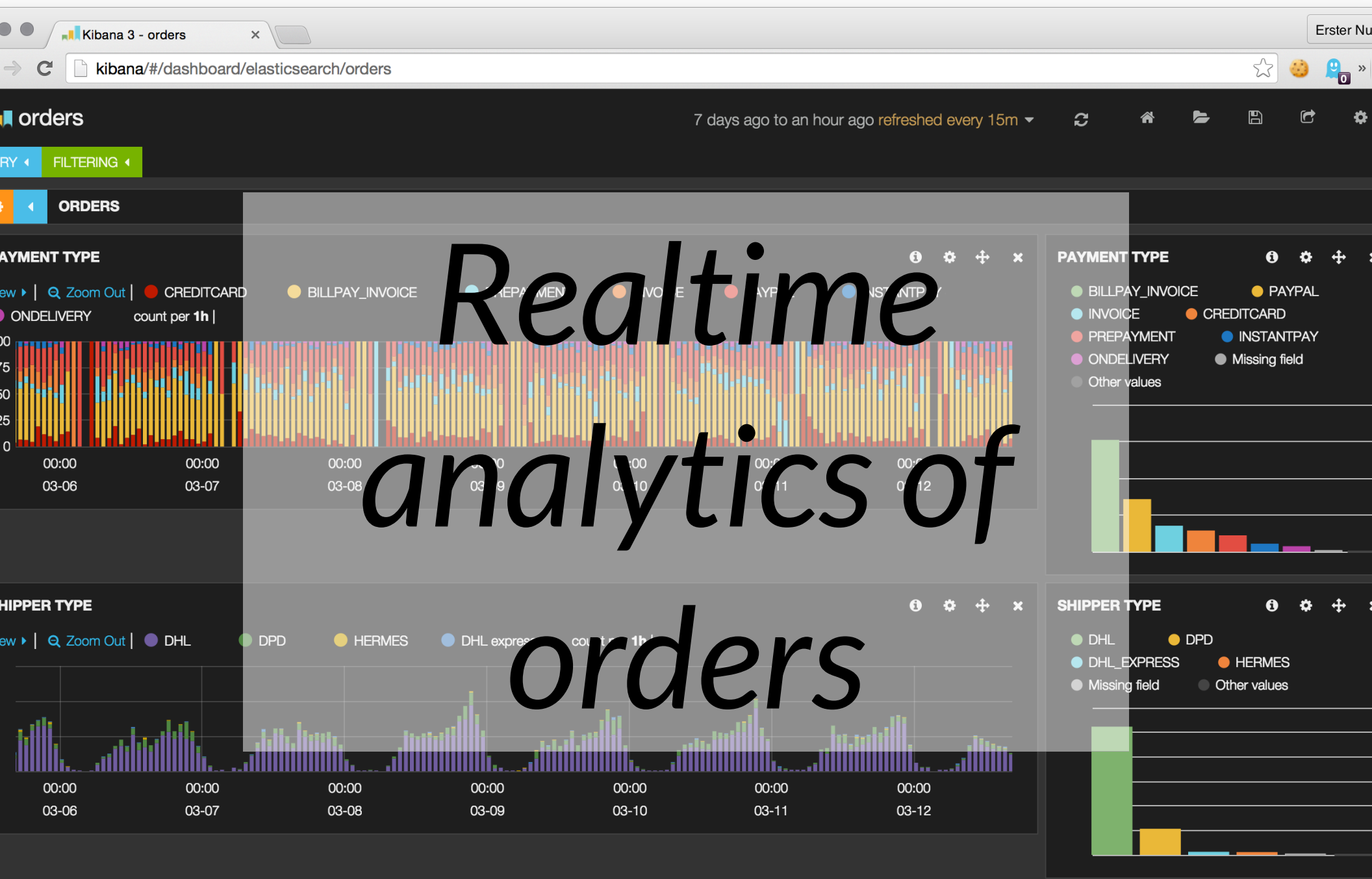
DATA VISUALIZATION

MEASUREMENT ANALYSIS

REPORTING

COLLABORATION PLATFORM





**JUST DO IT.**



# What we learned

- Know your app in production
- Teach Kibana to biz ppl
- Stay curious and experiment

# Image Sources

1. <http://orourketech.com/wp-content/uploads/2014/01/firewall-hacker-720x380.jpg>
2. [http://www.kinderundjugendmedien.de/images/gestiefelter\\_kater1.jpg](http://www.kinderundjugendmedien.de/images/gestiefelter_kater1.jpg)
3. <https://www.freebsdnews.com/wp-content/uploads/elkstack.png>
4. <https://qbox.io/img/blog/kibana-qbox-elasticsearch.png>
5. [http://kmrddpartners.com/wp-content/uploads/2015/07/Fotolia\\_37876981\\_S-810x529.jpg](http://kmrddpartners.com/wp-content/uploads/2015/07/Fotolia_37876981_S-810x529.jpg)
6. [http://s3.amazonaws.com/www.businessintelligence.com/wp-content/uploads/2016/02/24125254/bi-business-intelligence-ts-100646689-primary.idge\\_.jpg](http://s3.amazonaws.com/www.businessintelligence.com/wp-content/uploads/2016/02/24125254/bi-business-intelligence-ts-100646689-primary.idge_.jpg)
7. <http://www.performanceinpeople.co.uk/media/uploads/tug-of-war-2-.png-1.jpg>
8. <http://www.wacky-wear.com/Bags/Che-Guevara-Logo.png>
9. <https://imcclass.files.wordpress.com/2014/02/nike-just-do-it-logo.jpg>