Breaking

PLANES?

http://www.youtube.com/watch?v=Ai2HmvAXcU0

Sunday, December 29, 13
http://www.youtube.com/watch?v=Ai2HmvAXcU0
Why so happy?

http://www.youtube.com/watch?v=Ai2HmvAXcU0

Sunday, December 29, 13
Breaking WEBSITES
Process

http://www.flickr.com/photos/disinfeqt/7908154990/
Grammys 2013: five things we learned

Beyoncé can't stop winning, Ed Sheeran can't dress and Chris Brown can't go anywhere without acting like a douche...
public inquiry into the scandal, amounted to a damning indictment of NHS attitudes, practices and organisations.

Francis made no fewer than 290 recommendations, which he said were designed to ensure that patients' interests became the top priority for the NHS and that in future any lapses in care standards are detected and stopped right away, unlike at Stafford hospital.

Ministers will have to contemplate further changes to the NHS's system of regulation - which Francis has found to be seriously wanting - and monitoring of hospitals.

David Cameron, apologising on behalf of the government and country for the way the system had allowed "horrific abuse to go unchecked and unchallenged" for so long, said the report's evidence of systemic failure means "we cannot say with confidence that failings of care are limited to one hospital".

He confirmed a new post of chief inspector of hospitals would be created from the autumn and demanded that the General Medical Council and Nursing and Midwifery Council, the professional bodies policing doctors and nurses, explain why no one had been struck
THE ARCHITECTURE

Guardian APIs
EC2 / ELB / S3 / Cloudformation
Scala / Play 2
AMD JavaScript / requirejs / LESS
THE TEAM

6 Developers (2 client-side)
1 QA
1 Product Manager (me)
CONTINUOUS DEPLOYMENT

METRICS & MONITORING

FAILING
Continuous deployment

http://www.flickr.com/photos/spacemanbob/1084139169/
Continuous deployment

http://www.flickr.com/photos/spacemanbob/1084139169/
I think somethings awry … the graph is implying that there have been about 100 deploys in 17 days.

Michael, Operations Manager

Those graphs don't lie.

Matt, Development Lead
ahume opened this pull request a month ago

Font cache bust

No one is assigned

- When new font-files are pushed out, this removes the old font from localStorage and adds the new one.
- It works by checking the cache busting hash on the WOFF filename (font files always change in tandem), and re-loading if it’s different to the hash in localStorage.
- Refactor Font module to be closer to standard module pattern.
Font cache bust

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- It works by checking the cache busting hash on the WOFF filename (font files always change in tandem), and re-loading if it's different to the hash in localStorage.
- Refactor Font module to be closer to standard module pattern.

3 participants

ahume added some commits

ahume

- Check the cache-busting string in the WOFFs filename, and replace fon... 6eb251f
- Merge branch 'master' into font-cache-bust 9bb5d91
- Better fontfile parsing, and testing. 18a9697
- Fixed whitespace. 1503796

phamann started a discussion in the diff

Pull request

https://github.com/guardian/frontend/pull/388
Font cache bust

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phamann started a discussion in the diff a month ago

Pull request

https://github.com/guardian/frontend/pull/388
phamann commented

Other than my comments 😊 🎉

mattandrews discussed an outdated diff a month ago Show outdated diff

ahume added a commit

ahume Don't call load method until we've tested font switch. f2d1042

ahume referenced this pull request from a commit

ahume Merge pull request #388 from guardian/font-cache-bust ...
a1ec2f5

ahume merged commit a1ec2f5 into master from font-cache-bust a month ago

ahume closed the pull request a month ago
Pull request

https://github.com/guardian/frontend/pull/388

Sunday, December 29, 13
pull request

https://github.com/guardian/frontend/pull/388

Sunday, December 29, 13
CONTINUOUS INTEGRATION

RUNS THE BUILD
RUNS UNIT TESTS
RUNS INTEGRATION TESTS

DEPLOYS TO STAGE
CONTINUOUS INTEGRATION
RUNS THE BUILD
RUNS UNIT TESTS
RUNS INTEGRATION TESTS
DEPLOYS TO STAGE
CONTINUOUS INTEGRATION

RUNS THE BUILD
RUNS UNIT TESTS
RUNS INTEGRATION TESTS

DEPLOYS TO STAGE
CONTINUOUS INTEGRATION

RUNS THE BUILD
RUNS UNIT TESTS
RUNS INTEGRATION TESTS

DEPOLYS TO STAGE
CONTINUOUS INTEGRATION

RUNS THE BUILD
RUNS UNIT TESTS
RUNS INTEGRATION TESTS

DEPLOYS TO STAGE
DEPLOY TO PRODUCTION

SANITY CHECK

SOME QA REGRESSION TESTS

PERFORMANCE TESTS

DEPLOY TO PROD
DEPLOY TO PRODUCTION

SANITY CHECK
SOME QA REGRESSION TESTS?
PERFORMANCE TESTS

DEPLOY TO PROD
DEPLOY TO PRODUCTION

SANITY CHECK

SOME QA REGRESSION TESTS?

PERFORMANCE TESTS?

DEPLOY TO PROD
DEPLOY TO PRODUCTION

SANITY CHECK
SOME QA REGRESSION TESTS?
PERFORMANCE TESTS?

DEPLOY TO PROD
Metrics & monitoring

http://www.flickr.com/photos/kayaker1204/4319542459/
Metrics & monitoring

http://www.flickr.com/photos/kayaker1204/4319542459/
“If it moves, graph it”

http://www.flickr.com/photos/kayaker1204/4319542459/
Real time performance
Real time performance
Real time performance
FIREFOX LOAD

CHROME LOAD

Sunday, December 29, 13
GANGLIA METRICS
REAL USER METRICS (RUM)
Metrics & monitoring

http://www.flickr.com/photos/kayaker1204/4319542459/
Failing

http://www.flickr.com/photos/spacemanbob/1084139169/
RESILIENCE VS RELIABILITY
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Uptime is not binary

Mike Brittain, Etsy
Horsemort scandal: police and FSA raid two British meat companies
West Yorkshire abattoir and Welsh meat processors raided to ascertain how horsemeat sold as beef for kebabs and burgers

James Meikle and Felicity Lawrence
The Guardian, Tuesday 12 February 2013 18.58 GMT

Environment secretary Owen Paterson said he expected the full force of the law to be brought down on any UK business found to be defrauding the public. Photograph:
Horsemesh scandal: police and FSA raid two British meat companies
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GOOGLE PAGE SPEED

DOMContentLoaded event
- main.min.a84f9eb52c54e6886336f6a2af36...
- app.cd7631953ef7899d2012006dfdf1234d.js
- sprite.db45261b996632c8196f0cf4f1231e...
- WebEgyptian.woff.d9a50e6d2278a4ef6441...
- Labour-leader-Ed-Milliband-006.jpg
- Horsemeat-found-in-beef-p-006.jpg
- Doctor-wearing-stethoscope-004.jpg
- Dan-Cole-England-Clan-Hea-004.jpg
- Cristiano-Ronaldo-008.jpg
- Sarah-Taylor-England-004.jpg
- Heart-with-Cupid's-arrow-008.jpg
- An-elderly-Chinese-man-lo-008.jpg
- London-school-children-006.jpg
- most-read.json
- Steven-Gerrard-Liverpool-004.jpg
- top-stories.json
- Eastleigh-By-election-004.jpg
- Items-on-a-Lidl-conveyor-004.jpg
- Sir-Paul-McCartney-on-sta-004.jpg
- frontscores
- Miami-Beach-Florida-009.jpg
- Laurie-Anderson-006.jpg
- One-Born-Every-Minute-006.jpg
- Laura-Barrett-006.jpg

Load event
- 054e10cc-5535-43e2-a626-a91c7d35d696...
- omniture.ac762078bb4bf18060e66f297b52...
- gw.js
- 831989577.js
- 295770202@Top.x55,Bottom.jpg
- empty.gif
- 1360753025.jpg
- r2.jpg
- ophan.min.js
- t.gif
GOOGLE PAGE SPEED

DOMContentLoaded event

Load event

P1
<table>
<thead>
<tr>
<th>P1</th>
<th>P2</th>
</tr>
</thead>
</table>
| (H/) | /
| (C) main.min.a84f9eb52c54e6886336f6a2af36... | (S) app.cd7631953ef7899d2012006dfdf1234d.js |
| (I) sprite.db45261b996632c8196f0c4f1f231e... | (I) WebEgyptian.woff.d9a50e6d2278a4ef6441... |
| (I) Cristiano-Ronaldo-008.jpg | (I) Toulon-Mor-England-004.jpg |
| (I) London-school-children-006.jpg | (I) Uni-Cupid's-arrow-008.jpg |
| (I) most-read.json | (I) An-Asian-Chinese-man-lo-008.jpg |
| (I) Steven-Gerrard-Liverpool-004.jpg | (I) London-school-children-006.jpg |
| (I) top-stories.json | (I) most-read.json |
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| (I) Sir-Paul-McCartney-on-sta-004.jpg | (I) top-stories.json |
| (I) frontscores | (I) Eastleigh-By-election-004.jpg |
| (I) Miami-Beach-Florida-009.jpg | (I) Items-on-a-Lidl-conveyor-004.jpg |
| (I) Laurie-Anderson-006.jpg | (I) Sir-Paul-McCartney-on-sta-004.jpg |
| (I) One-Born-Every-Minute-006.jpg | (I) frontscores |
| (I) Laura-Barrett-006.jpg | (I) Miami-Beach-Florida-009.jpg |
| (I) 054e10cc-5535-43e2-a626-a91c7d35d696... | (I) omniture.ac762078bb4bf18060e66f297b52... |
| (I) gw.js | (I) gw.js |
| (I) 295770202@Top,x55,Bottom | (I) empty.gif |
| (I) 1360753025 | (I) r2 |
| (I) r2 | (I) 295770202@Top,x55,Bottom |
| (I) orphan.min.js | (I) orphan.min.js |
| (I) t.gif | (I) t.gif |
GOOGLE PAGE SPEED

DOMContentLoaded event

Load event

P1

P2

P3

Sunday, December 29, 13
CONTINUOUS DEPLOYMENT

METRICS & MONITORING

FAILING
CONTINUOUS DEPLOYMENT

METRICS & MONITORING

FAILING
CONTINUOUS DEPLOYMENT

METRICS & MONITORING

FAILING
Thank-you!

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