Tools News Use

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developers, bbc.co.uk/news - Feb 2012

REST-assured

- **Problem** :- APIs are unstable and outside of our control which makes writing integration tests hard.

- REST-assured = HTTP test doubles.

- Mock response body & headers over real HTTP.

- Can manage transactions.

- Stable environment to write tests against.

- Lets us have different delivery schedules to other teams.

- https://github.com/BBC/REST-assured - ruby/sqlite/ec2

Spassky

- **Problem** :- We need to make sure our JavaScript works on many different types of user agents.

- Spassky = Distributed JS unit test runner.

- Runs QUnit tests on any JS capable device.

- Parallel running of tests helps keep tests quick.

- Plugged in to Forge CI environment & reports back failures.

- https://github.com/BBC/spassky - ruby/ec2

Wally

- **Problem** :- Large amounts of BDD authored features make it really hard for everyone to grok the project

- Wally = Web-based viewer for Cucumber features

- Search, tag navigation, progress etc.

- Allows product owners/managers to communicate the **real** state of the project.

- View it @ http://responsivenews.co.uk:4567

- Next? Metrics...

- https://github.com/BBC/wally - ruby/mongo/ec2

Tsung

- **Problem** - Load testing on the platform is endlessly slow and not very revelatory.

- Tsung = Multi-protocol benchmarking (but we only use HTTP!)

- Run Tsung nightly so we can now see if previous days code changes have negatively effected performance.

- Want to cross reference with xhprof data and pull out and analyze slow requests.

- http://tsung.erlang-projects.org/ - erlang/ec2

Git

- **Problem** :- We are asked (and want) to do code reviews but have not given any tools to do it.

- Exacerbated with a lots of teams working on a shared code base (as One News proposal dictates)

- Git has branch / pull request model so reviews are inherent in day to day activity.

- 9 out of 10 developers prefer it.

- http://github.com/responsivenews - *private 6 month trial*

Questions

- Does anyone else want this stuff?

- Hosting - EC2 vs. Heroku vs. Forge