DevOps REX 2016

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A propos

« La conférence DevOps 100% retour d'expérience. »

Lundi 28 novembre 2016 (9h -> 20h), au Grand Rex à Paris.

1 journée, 4 plénières, 2 espaces, 9 sessions, 400 participants.

Partenaires :

Traiteur Bio et brasserie parisienne (Brassée à Paris, Bue à Paris).

Retour d'expérience de la transformation DEVOPS de Microsoft

50% of Fortune 500 were created after 2000.

The key is to target the user experience and the security, put the customer in the center or the company strategy.

DevOps was a true revolution in Microsoft.

Iteration of 3+1 weeks => features delivered every 3 weeks.

Internal deployment first, then for insiders and finally deployed to all.

Feature flags to manage new feature activation.

Iterations dedicated to address technical debt (1 on 6).

Fully automated test strategy.

Feature teams.

Samuel Metias - Microsoft

DEVOPS AT SCALE: ce qu'on a fait et appris chez Société Générale

Focus on the real value, what the customer is looking for.

Software Craftmanship: build robust and sustainable code.

Create proximity and emulation, fight the wall of confusions.

Work with transient environments.

Docker (images) are tomorrow artifacts.

Coaching must be temporary, it goes out of DevOps.

Importance of the mindset, games to build a new mindset (Kapla workshop).

Management commitment is very important (discussions with Société Générale CEO).

Adrien Blind & Laurent Dussault - Coach at Société Générale

COMMENT l'IT peut arrêter de se faire vanner par les devs

How much pain is it, between 0 and 10? Let's automate above 5.

From 1 day for a deployment (painful) to 5 minutes.

No more growth problem.

Since 2015, 100 new servers per year.

Olivier Mauras - Groupe Kudelski

DEVOPS is far more than just the tools and an organization change

Common sense: communication is important, common sense versus common practice?

DevOps: bridging the Gap with communication

Quality over quantity on communication

Improving the communication is not a highway; start by mutual understanding, respect, appreciation, transparency

Context matters!

Impact of communication: 55% the body, 38% the voice.

Opens for the door for the Elephant to enter the room!

Leave the comfort zone.

Sabine Wojcieszak - getNext IT

DEVOPS VS DEVOPS: du succès initial au Brexit final

First good experience in France but bad output in Great Britain.

Difference of maturity: French (all manual), English (automation from external provider)

Lot of meetings to have teams getting closer with poor results

1st error: do not force a DevOps way (management)

2nd error: do not force the tools

Only one important constraint: have unified metrics

Solution: Let the team organize them self

Difficulties: distance

Mick Philippon - Cellenza

Retour d'expérience sur l'automatisation des déploiements

Experience for an important French broadcasting group.

Rework needed for CDN (content delivery network) services.

Decouple the different bricks, do not overengineer, keep it simple!

The goal is to avoid Shadow ITs.

DevOps initiative must come from Production people (Ops), Dev will always be onboard.

One DevOps facilitator in every team. Encourage ruptures.

An impact not foreseen in the communication (Slack instead of emails).

It took time: 2 years.

Stéphane Tessier - WeScale

Soyez REALISTES, demandez l'IMPOSSIBLE !

DevOps cell created 2 years ago, meets regularly.

First defined what DevOps means and where did they stand.

At first a new wall of confusion existed between the DevOps team and the others.

Awarness, strong sponsoring then hard decisions.

Innovation is a virtuous circle!

"They did not know it was impossible so they did it" Mark Twain

Coach come in a team only when asked by the team, they are not here to force but to encourage.

Starts by a realization, then give legitimacy to every one.

Stéphanie Jean & Thomas Chappe - Orange Digital Factory

Other speakers

Tristan Roussel - Theodo

Speaked about Lean.

Mark Burgess

Speaked about his Promises theory.

Shared ideas and concepts

Bottom up / Top down.

We can't buy DevOps.

There is not one way to do.

Infrastructure as a code.

Breaking the Silos / Walls of confusion.

Test strategy must be shared to all.

Metrics is key: in measure we trust!

Take aways

Having the Management available, involved and supportive is necessary (Microsoft / Société Générale).

Automating things doesn't mean you do DevOps, define what will be DevOps in your company.

Slack is the only communication tool that is spoken about (same in Microsoft experiences and connect 2016).

Tools must be chosen by the teams but explain what is needed (in term of reporting for example).

Change organization to have squad / feature teams (Microsoft), create a DevOps guild (Orange).

DevOps facilitators/coach (temporarily) in teams (Société Générale).

Not always start DevOps on new applications.

Soft revolution with a new way to do iterations (continuous feature delivery).

Always deploy latest (tested) code but activate new features when ready (Microsoft).

Resources

Website: https://www.devopsrex.fr/

Slides: http://www.slideshare.net/devopsrex/presentations

- Microsoft: http://www.slideshare.net/devopsrex/retour-dexprience-de-la-transformation-devops-de-microsoft

That's all folks!