



The Holy Grail of continuous delivery  
in distributed teams environment

by Szymon Kurcab

# Before we go further



Do you recognise this logo?





## Najbliższe spotkanie - dodatkowe informacje KRUG

Uczestników prosimy o rejestrację poprzez formularz na [dole strony](#). Osoby zamierzające przyjść z laptopami prosimy również o zapoznanie się z informacjami na [tej stronie](#). Dla początkujących adeptów rubiego - [krótkie wprowadzenie do ruby on rails](#).

## Najbliższe spotkanie

Krakow Ruby User Group została założona w sierpniu 2006 przez zespół zapalonych programistów Rubiego chętnych do podzielenia się doświadczeniem i entuzjazmem związanym z siłą i elastycznością frameworka Ruby on Rails.



Question:

When did the first KRUG event take its place (year/month)?

# Before we go further



Yup! It was on the 16th of October 2006!!!

The second meeting topics:

- Dynamic model creation with Ruby and creating “Page scraper” applications  
[Szymon Kurcab]
- Calendar and operations on dates with RoR  
[Mateusz Jędruch]
- Testing web interfaces in Rails with Selenium on Rails package [Maciek Książek]

KRUG today: 1361 members in KRUG Meetup group!

Good to be back here :)

# A few words about myself



CTO @ Paladin Software

repertuary.pl aka kina.krakow.pl co-owner

Ruby'ist and Hacker

# Why this topic?



Stay DRY - Continuous Delivery for Rubyist by Michał Knapik

Focus on distributed teams environment and the case study



- Continuous (automated) deployment/delivery

First principle of Agile Manifesto:

*“Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.”*


- Distributed team (in Paladin Software)





- Github flow
- Code reviews (1 or 2 people need to accept)
- Codeclimate:
  - static code analysis (rubocop, overcommit)
  - code coverage
- Specs, specs ... and more integration specs! (no flaky specs)
- CI (Semaphore 2.0) and Heroku/AWS
- Production-like test/staging environments
- Smoke tests



- Other tools:
  - Honeybadger 
  - New Relic
  - Intercom
  - Papertrail
  - Scout
  - Hirefire
  - and more ...
- Periodic security pentests (focused on new functionality)

# Tools / prerequisites ... and more



- strong and motivated team (quality hiring procedure)
- trust, trust and ... even more trust
- code ownership aka taking the responsibility
- good communication between teams
  - daily stand-ups
  - Slack + Google Meet communication
  - pair programming
- as few paperwork as possible :)

# A plan how we've reached the CD goal



No plan at all :)

It just happened when all prerequisites were fulfilled.



- even more specs and better code coverage
- ... you tell me :)

# THANK YOU

## Q&A



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Removed contracts

User	Info	Application State	Stats
<b>John Smith The Partner</b> Age: 23 Country: Romania Language: English	John.Smith 1-800-234-2111 lokkoloko144@hotmail.com	✓ Partnered: 23 ✗ Rejected: 54 ○ Pending: 2	89,932,211 13,321 372,032 N/A
+ 3 ACCOUNTS			
<b>Jane Smith The Partner</b> Age: 18 Country: Romania Language: English	John.Smith 1-800-234-2111 azat_usta@hotmail.com	✓ Partnered: 23 ✗ Rejected: 54 ○ Pending: 2	12,093 N/A N/A 13,321
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<b>John Smith The Partner</b> Age: 32 Country: Romania Language: English	John.Smith 1-800-234-2111 azat_usta@hotmail.com	✓ Partnered: 23 ✗ Rejected: 54 ○ Pending: 2	23,032,111 3x  13,321 372,032 N/A