

How to Start Your Mainframe DevOps Transformation

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Anna Murray
Product Management Director

Speakers



Peter Fandel
Product Management Director



Harrison Kaiser Software Engineer

Why are we all moving to DevOps on Z?

01

The rest of the industry went Agile and DevOps a long time ago; it's time Mainframe was invited to the party!

02

Modern DevOps is "faster"

03

Agile, modern tooling, and unified pipelines yields higher quality.

04

Next-gen developers already know these tools and languages

Cost Savings • Time to Market / Competitiveness • Staffing • Quality



Rocket's DevOps Transformation Story



Modern DevOps "roll your own"



Success!
Better quality.
Better compliance.
Happiness all around.



- Comment period
- Executive mandate One year to complete
- Organic development of related tooling

- Some teams went all open-source
- Some teams incorporated some commercial tools (e.g. DBB)

- People: MVS/Unix teaming
- z/OS features

 (little known?):
 USS/ISPF/MVS
 features



Where to begin?

Development Tooling Source Control Management

JCL Management

Planning

Automation



What does a modern pipeline consist of?

Local

Merge

Build

QA

Deploy

- git
- make
- Pull Request in Github, Gitlab or Bitbucket
- Feedback on PRs
- Jenkins,Github Actions,AtlassianBamboo etc...
- Make, cURL

 (obtain source tarballs, tab
 builds in Jira)

- Bash Scripts,
 Python, Perl
- Make test

Conda

Rocket

Questions?

LNL: How to Start Your Mainframe DevOps Transformation

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Anna Murray

Product Management Director amurray2@rocketsoftware.com

linkedin.com/in/annamurray1

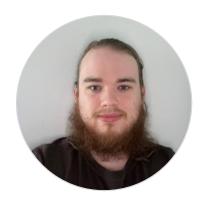
Twitter: @AnnaYMurray



Peter Fandel

Product Management Director pfandel@rocketsoftware.com

linkedin.com/in/peter-fandel-840aa4



Harrison Kaiser

Software Engineer hkaiser@rocketsoftware.com

linkedin.com/in/harrison-kaiser-008a34173

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Thank you!

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