IBM WORKFLOW MANAGER

Guillaume Delory

The why?

The how?

2016 Remote transforms

2018 To the web – creation of IBM Workflow Manager

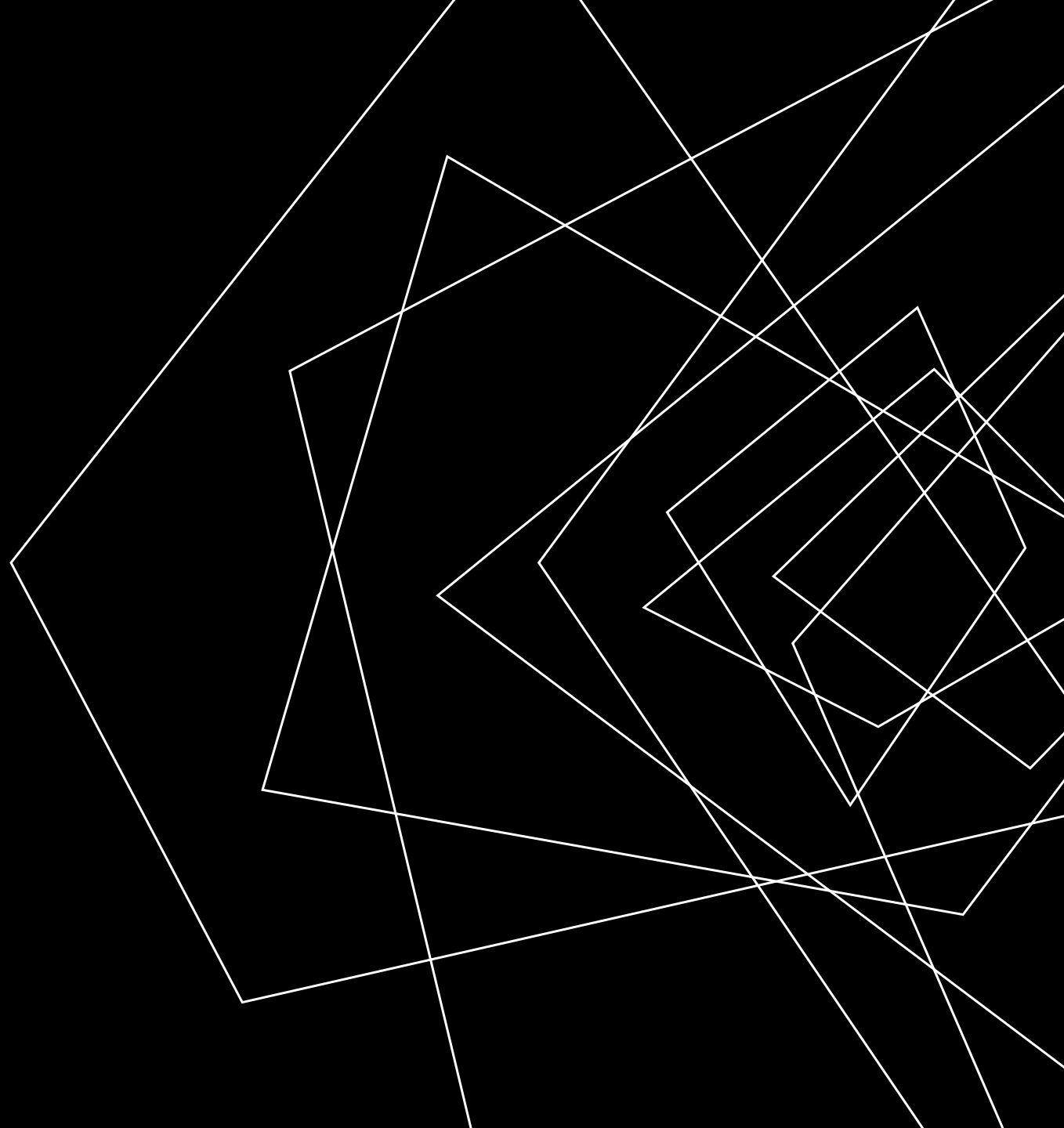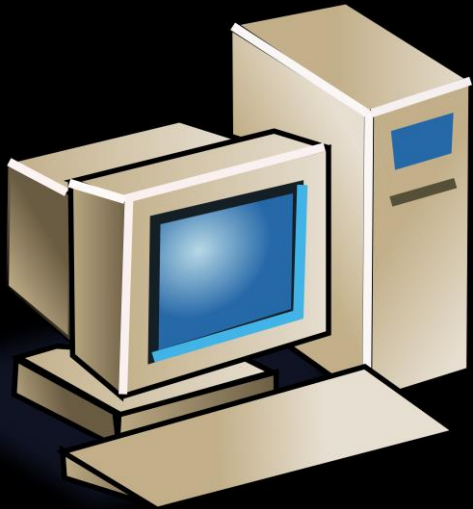2019 To the cloud

2020 Automated builds

2021 Integrations

The now what?

THE WHY

- In 2014 – Local transforms

- Client based on DITA Open Toolkit's code
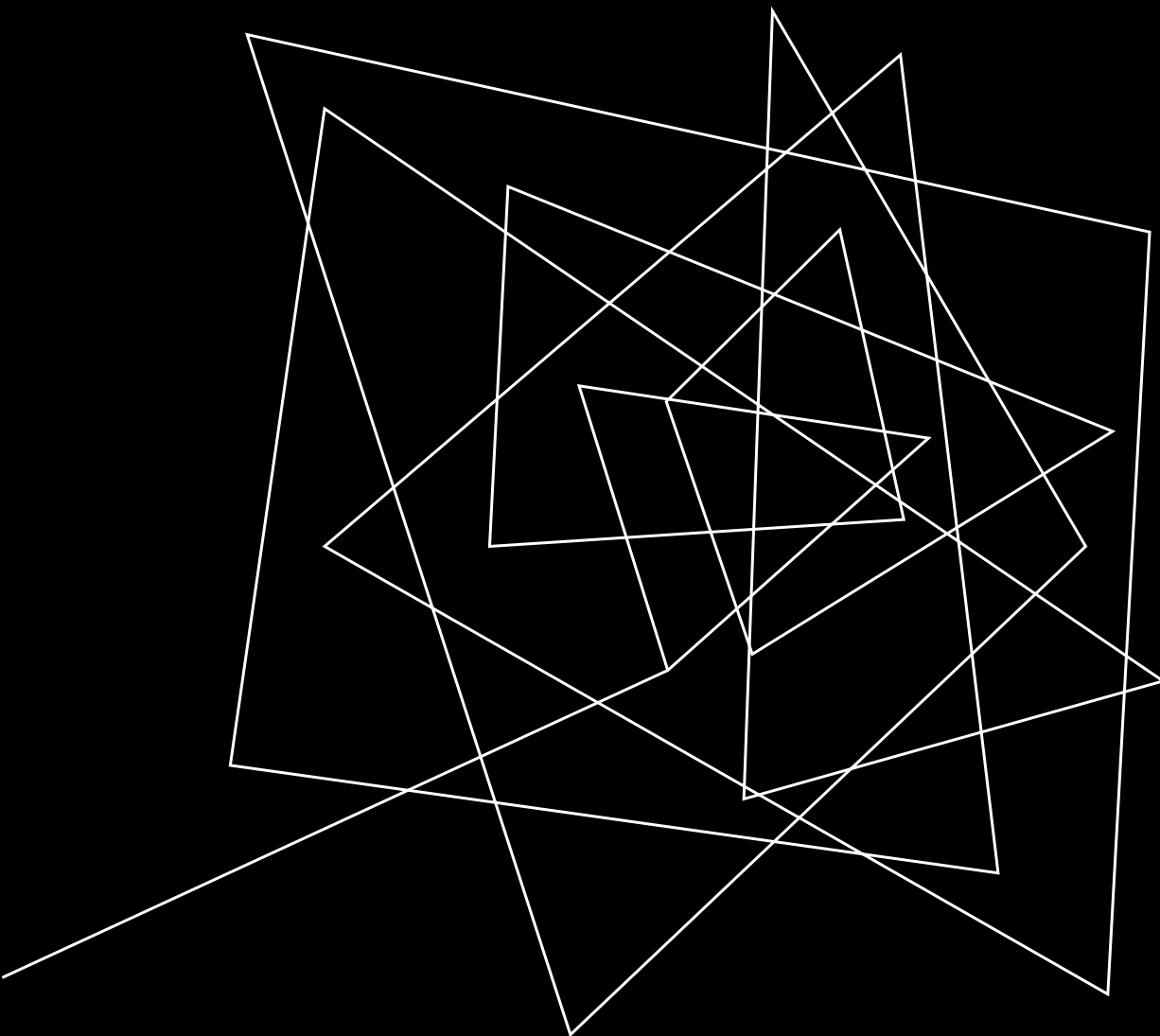
2016 - PHASE 1

REMOTE TRANSFORM

Source files in a version control system

Move to DITA Open Toolkit

Remote execution → Jenkins

- Distributed builds

- Efficient queue management

2018 - PHASE 2

CREATION OF
IBM WORKFLOW MANAGER

Started as a side project, I wanted an easy-to-use Web UI for people to use our Jenkins Transform service.

SHORT-TERM GOALS

- Lower the entering cost (learning/setup)

- Scheduled process

LONG-TERM VISION

- Apply DevOps to technical documentation

- Completely hide/automate the build process from writers

- Give them an end-to-end editing/publishing experience
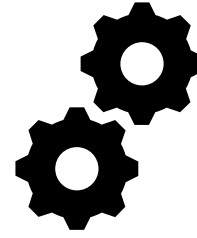
2019 - PHASE 3

TO THE CLOUD

100% CLOUD BASED

- Standalone servers were hard to manage/update

- Moved all transforms to containers.

100% WEB BASED

- We wanted people to contribute from anywhere, without installing any editing software

- Edit online links were born

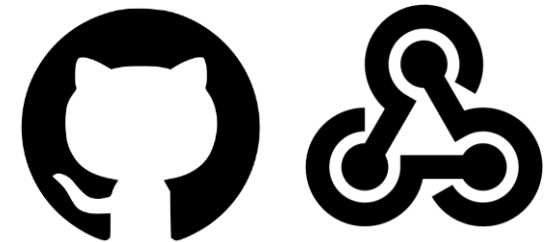IBM Workflow Manager - Guillaume Delory

2020 - PHASE 4

AUTOMATED INSTANT BUILD

- Advanced auto trigger feature

- Analyzes and tracks content

- Knows exactly what to run as soon as a file is edited in any GitHub repositories or FileNet.

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2021 - PHASE 5

INTEGRATIONS

- Ease: Slack notification

- Value: Accessibility check

- Collaboration: Box upload

- Translation
  - DITA/HTML/SVG instantly translated
  - Supports for Machine translation and Human Translation

Slack

IBM Accessibility

Box

Watson Language

Straker

THE NOW WHAT?

2023 - Creation wizard

TWO CLICKS TO GET STARTED

Long-term vision reached, now what?

Straight forward wizard creating a pre-published product and all its toolchain.

- Pre-populated Git Repository with DITA Content

- IBM Documentation product (live documentation)

- Pre-configured Workflow Manager product

- Run and publish the DITA templates

DEMO

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Q&A

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