# Integrated Pipelines

Markos Rendell

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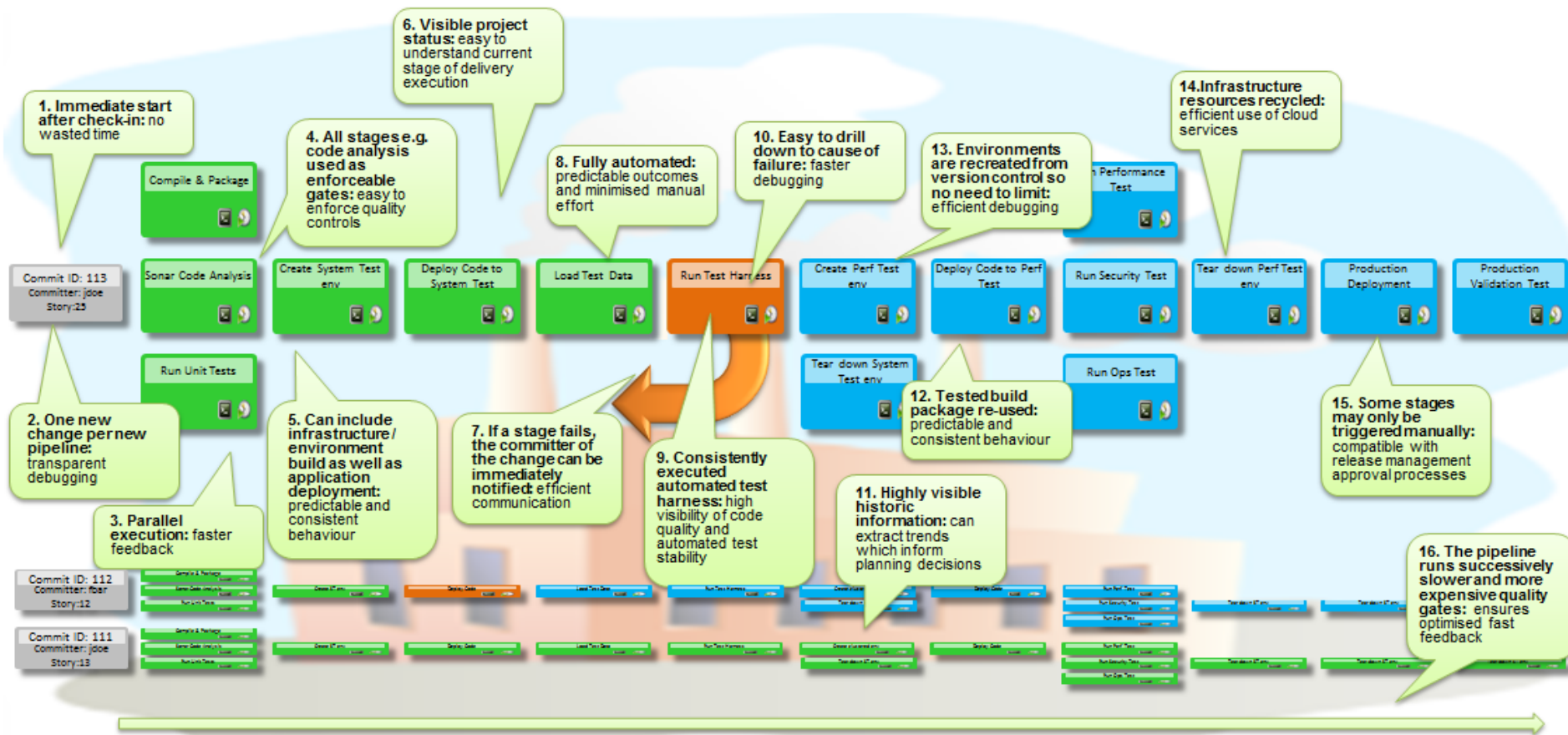
Accenture
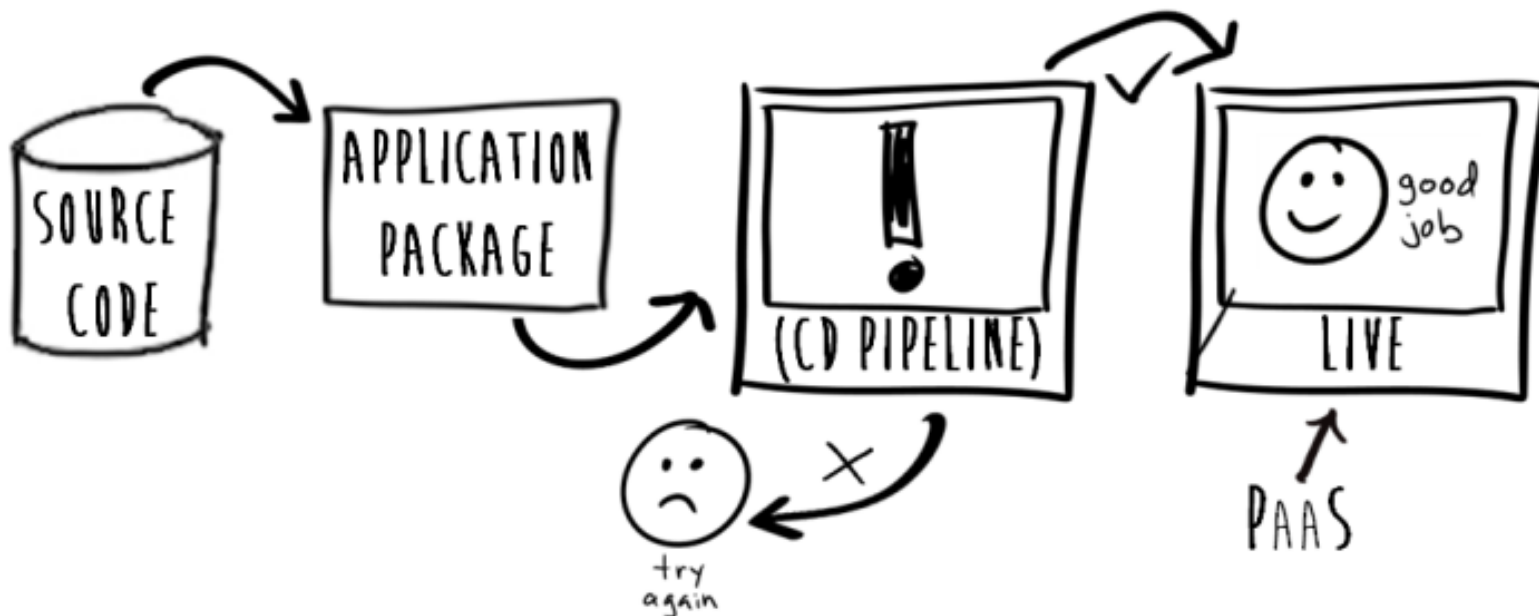
http://markosrendell.wordpress.com

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#jenkinsconf

# What is Continuous Delivery?

# In what scenario does this all work perfectly?

# Life is good in Jenkins…

**CI pipeline**

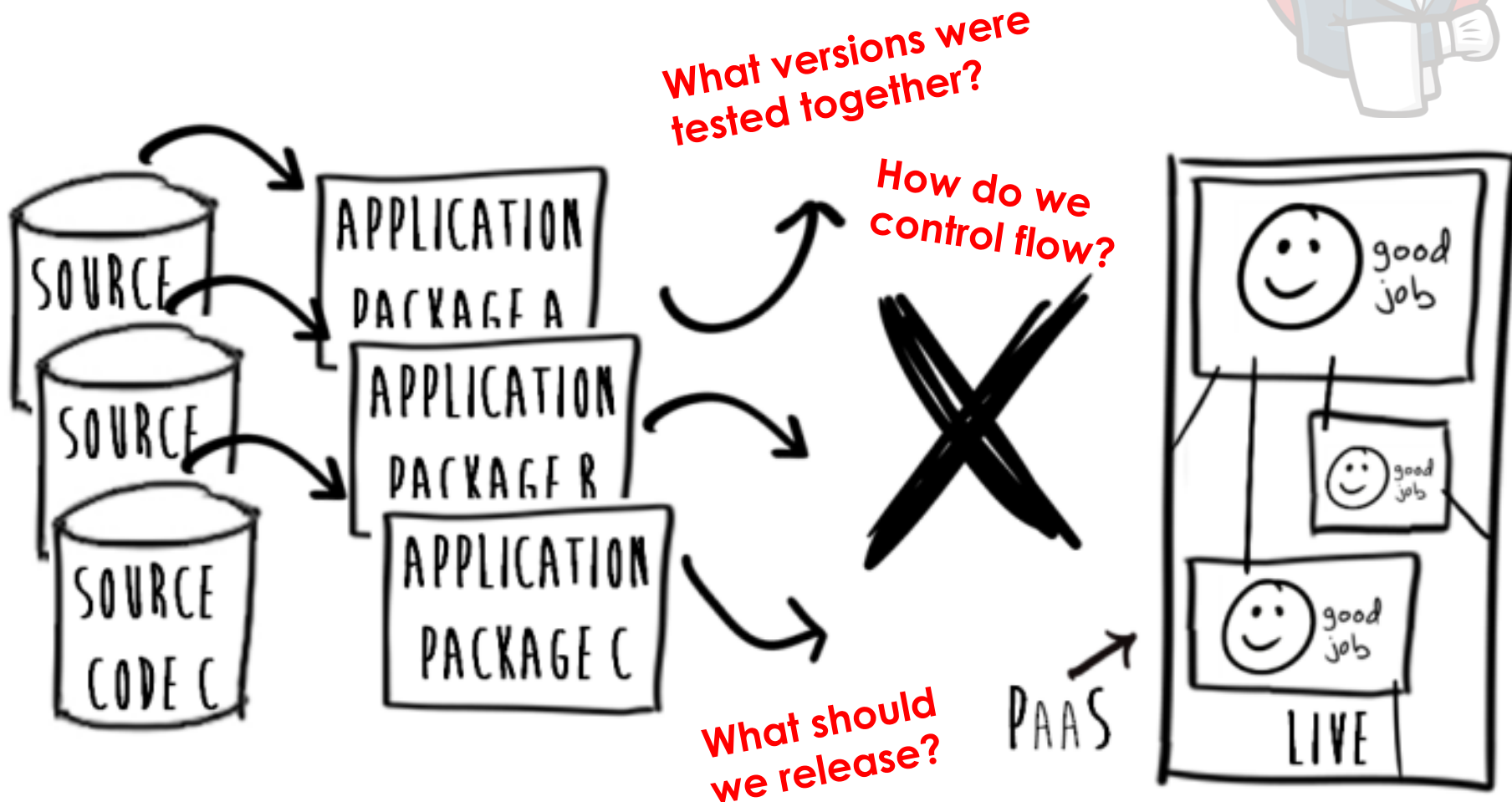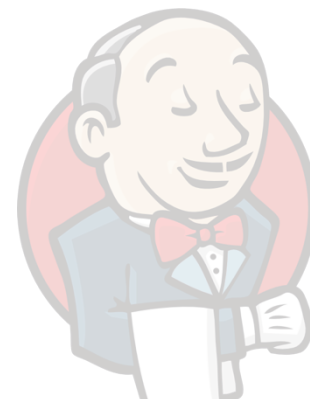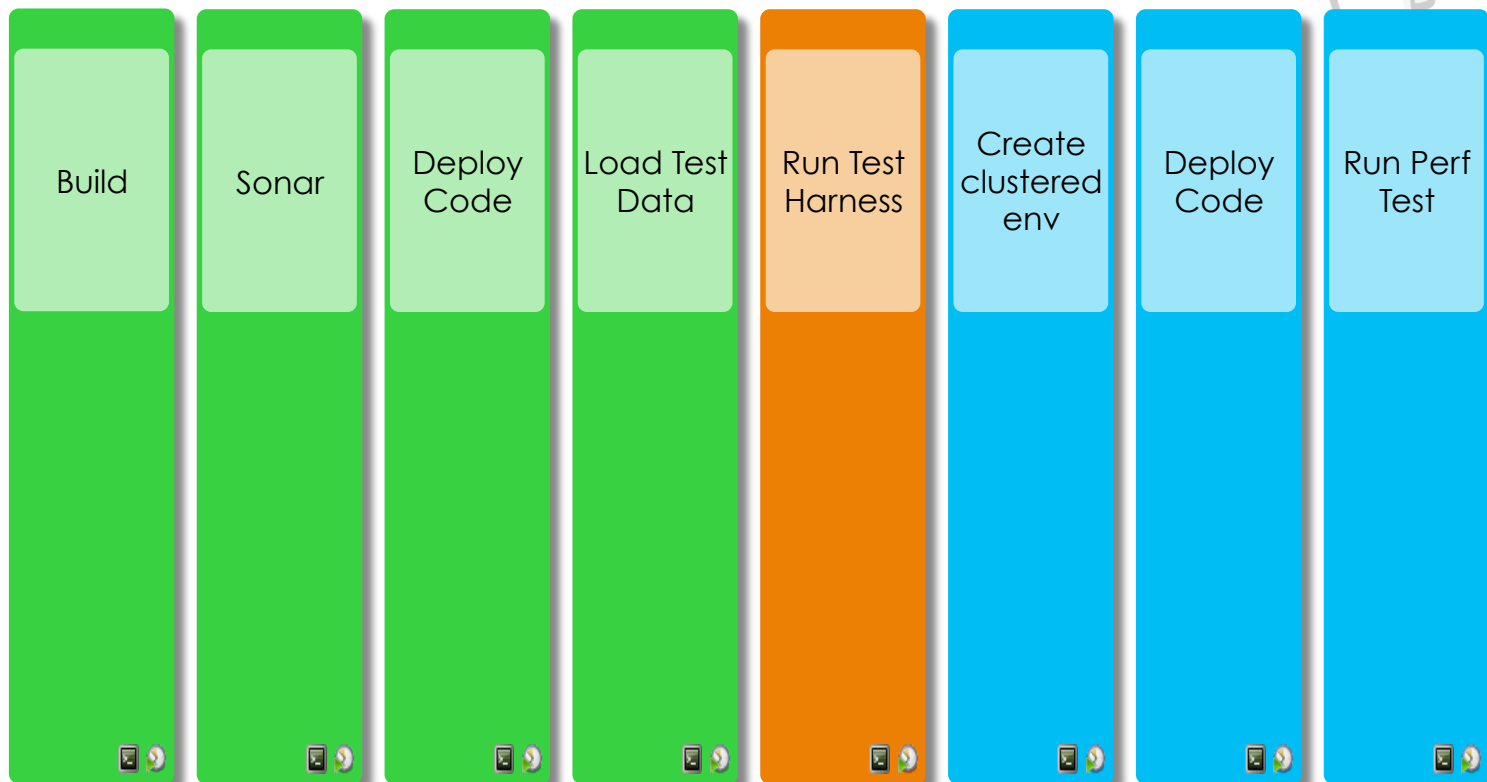| Commits into one SCM repo | Build | Sonar | Deploy Code | Run Test Harness | Deploy Code PPE | Auto OAT | Deploy Prod |
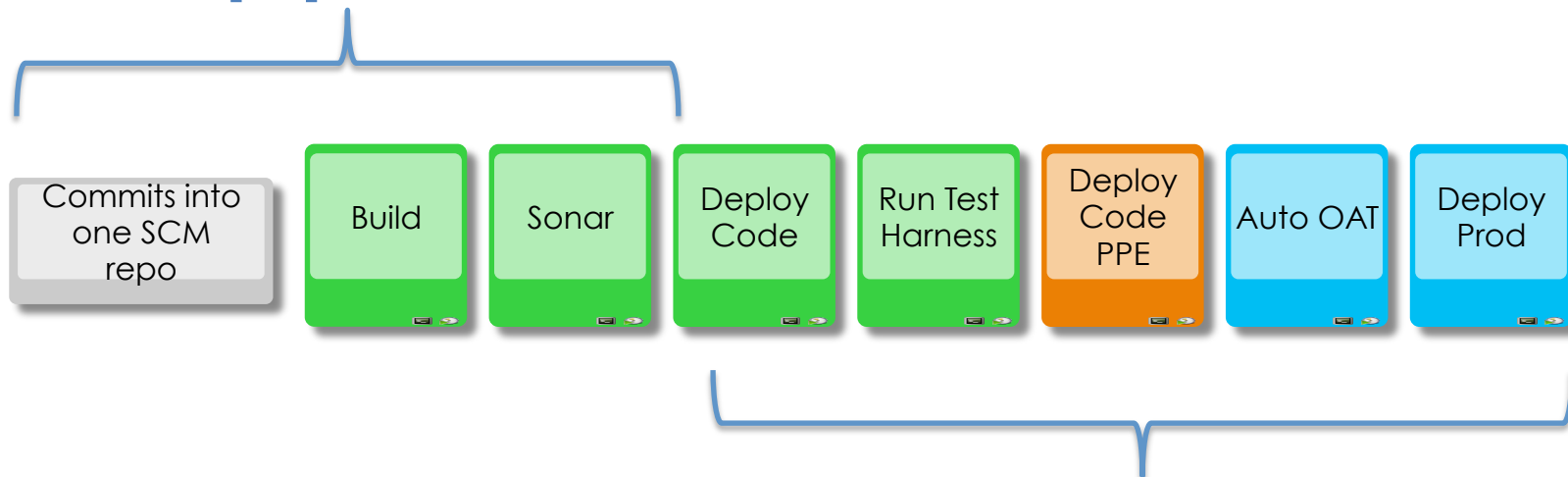
**CD pipeline**
**(rest of the way to Prod)**

# What to do we do when things get complicated?

# Create a Fat CI-CD pipeline?

Commits into any SCM repository trigger a pipeline ???

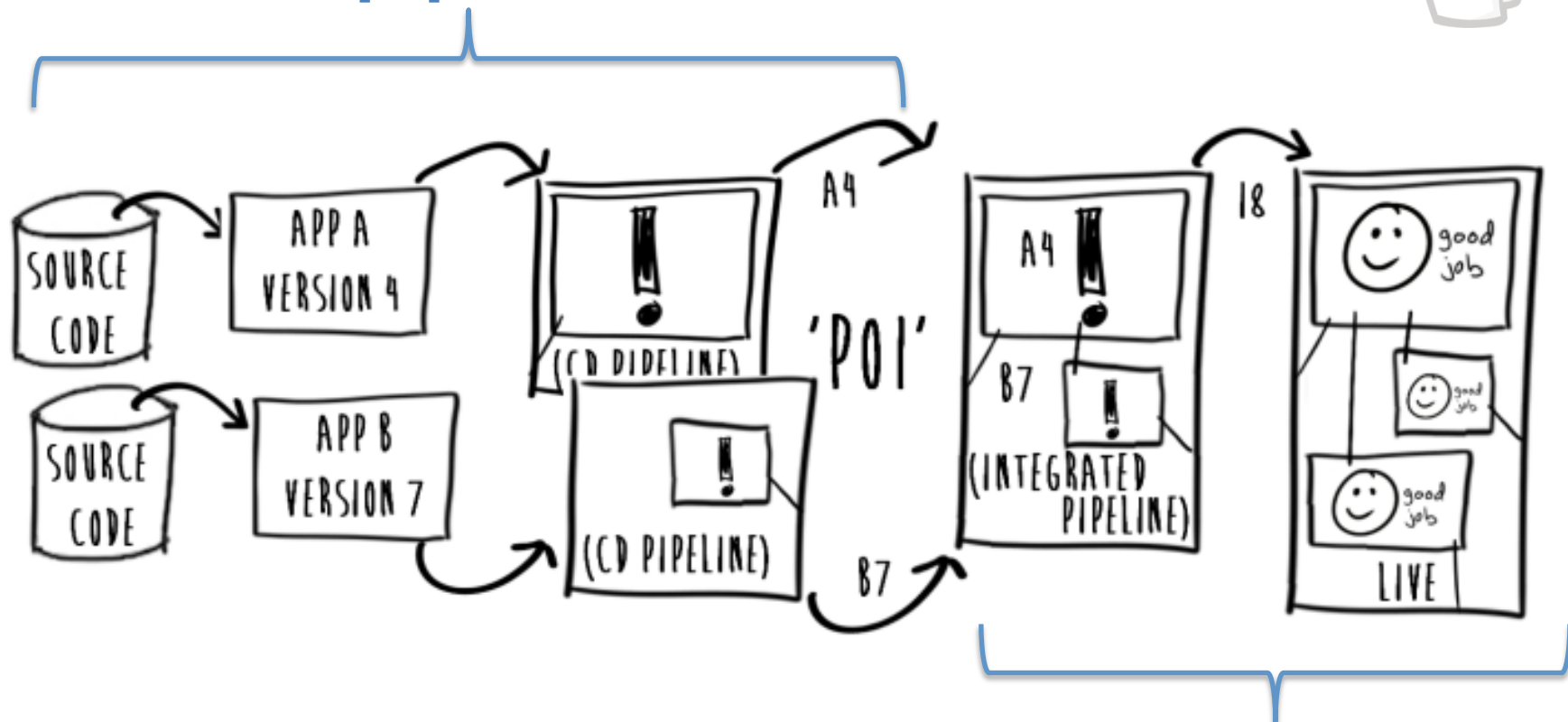| Build | Sonar | Deploy Code | Load Test Data | Run Test Harness | Create clustered env | Deploy Code | Run Perf Test |

# Demo: Fat Pipeline

# Problem

"We want a continuous delivery pipeline, but in practice the path to production involves carefully integrating lots of components along the way"
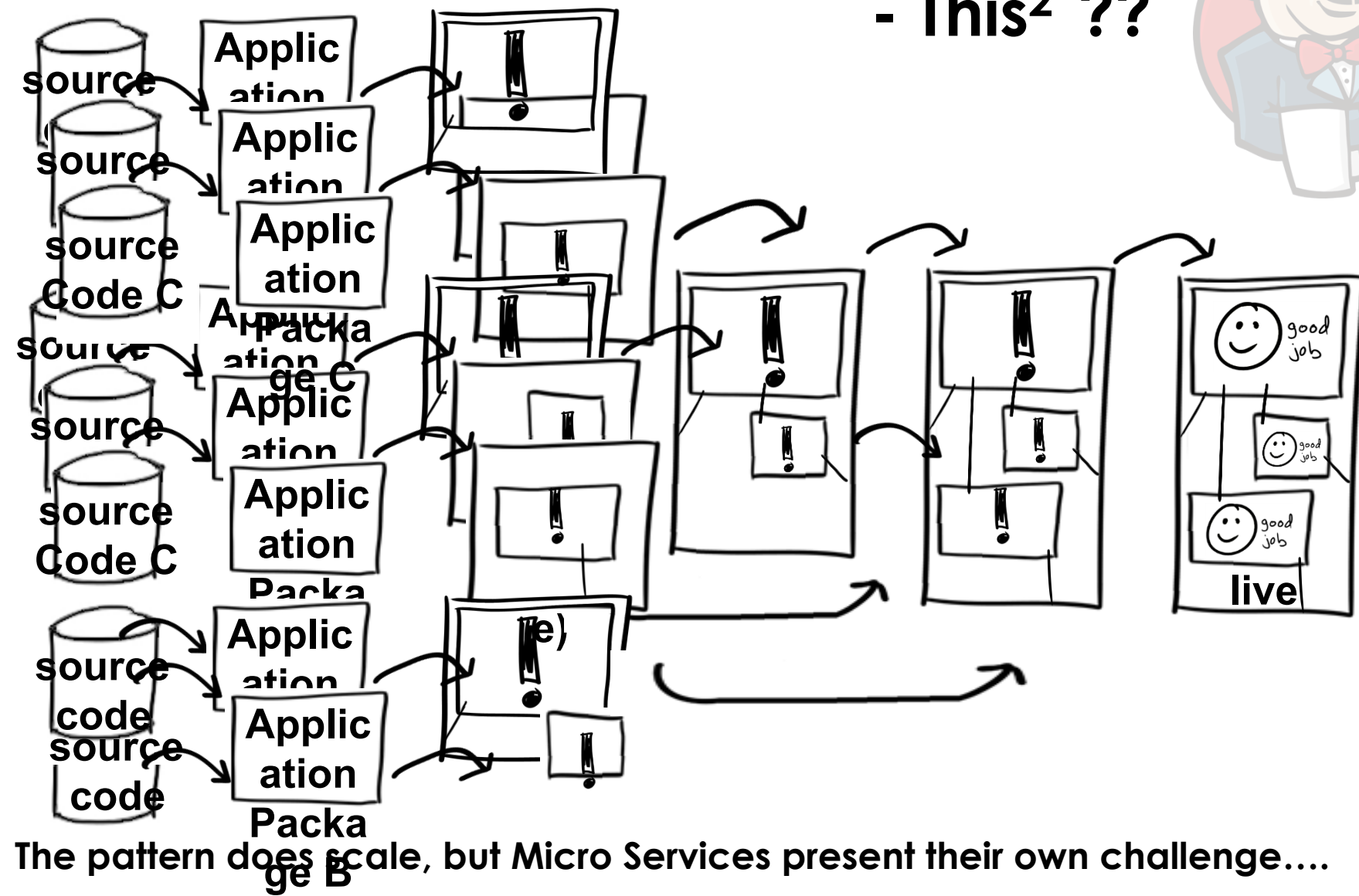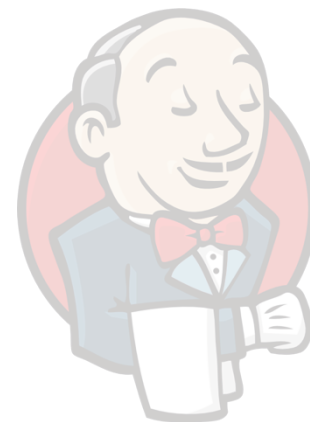
# Solution:
# Create an integration Pipeline!

# Demo: Integrated Pipeline
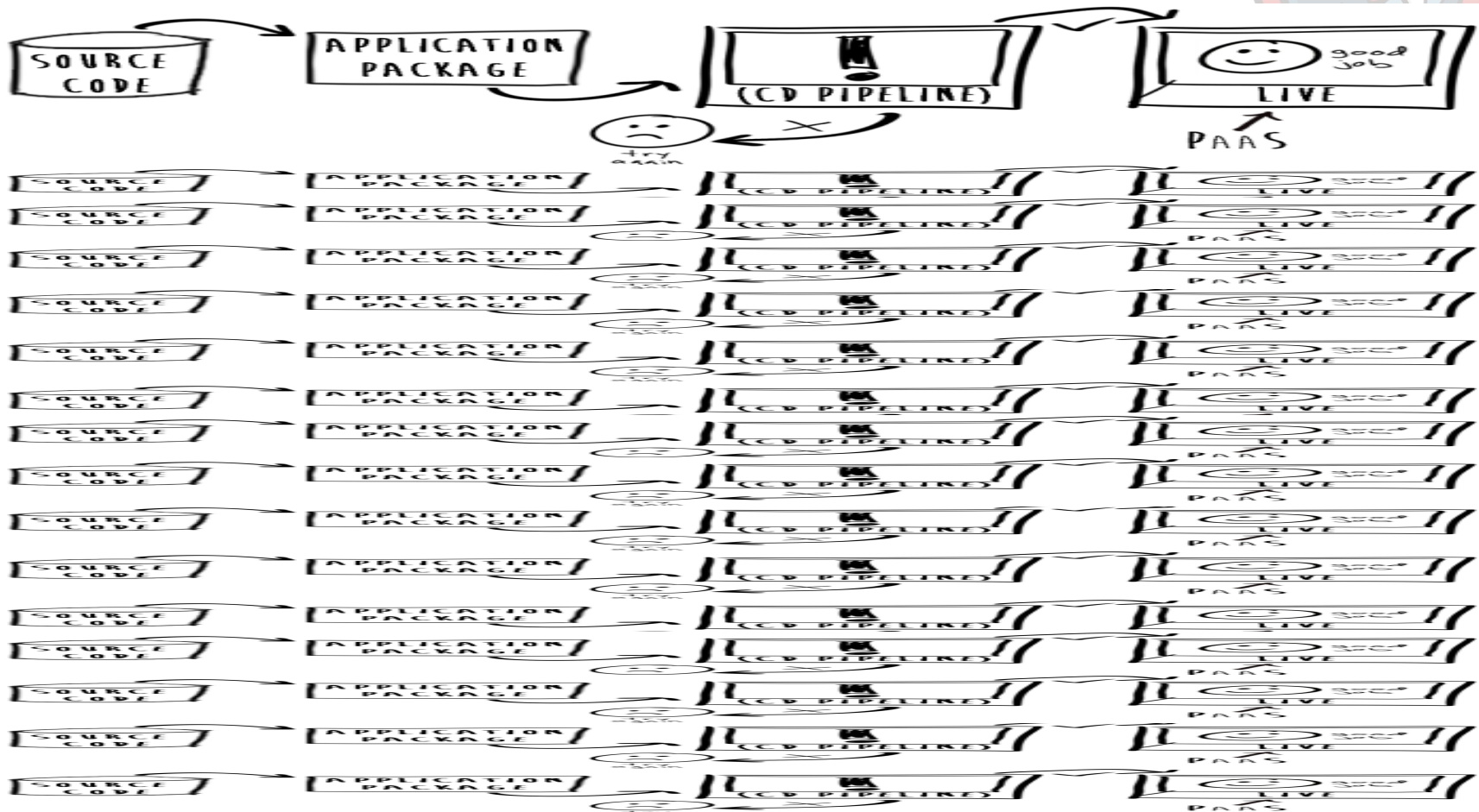
# What about Micro Services?
## - This² ??



The pattern does scale, but Micro Services present their own challenge....
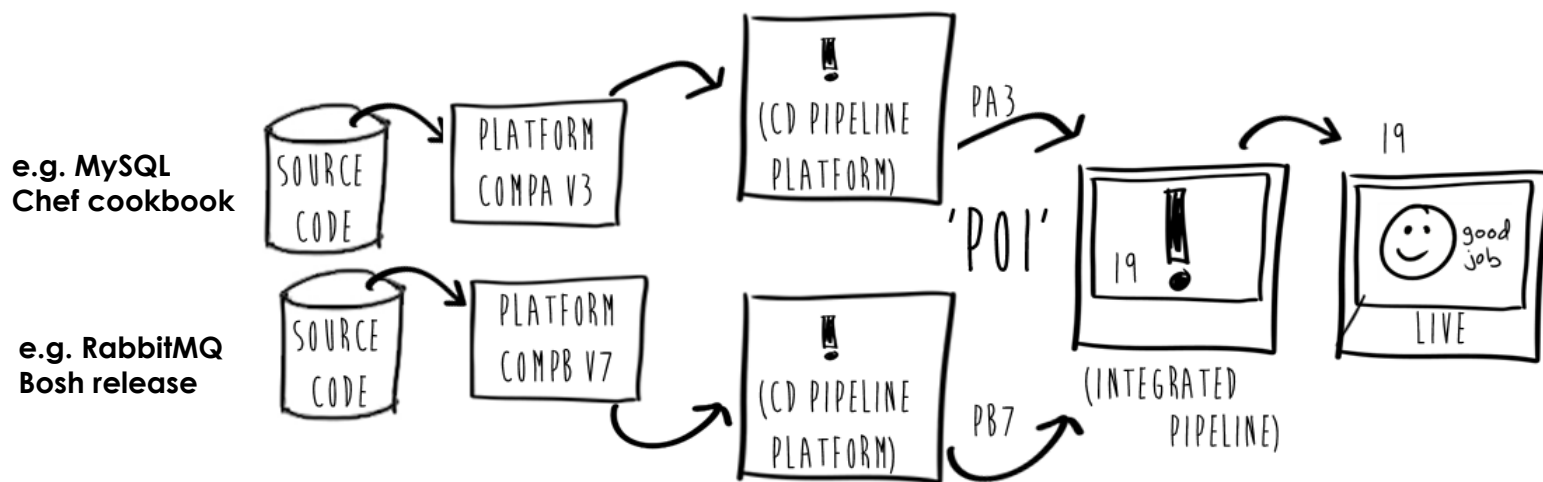
# This of course…

## - but How?



etc…

# Demo: templates

# Bonus Use Case:
# Use the Integration Pipeline pattern to treat your platform exactly the same way!

**e.g. MySQL Chef cookbook**

**e.g. RabbitMQ Bosh release**



```
Infra-as-code == Infra-is-code {
    Give it the Jenkins treatment!
}
```

# Thanks

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**Please get in touch if you want more details!**

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