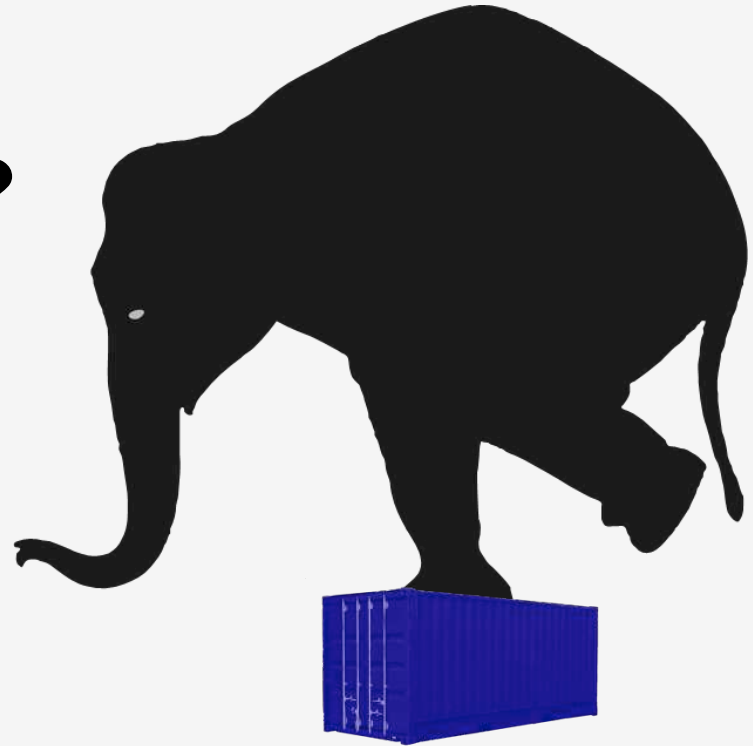


How do you fit a Core Banking system into a few containers?

Jose Quaresma
Accenture, DevOps Lead Denmark





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- Nordea -

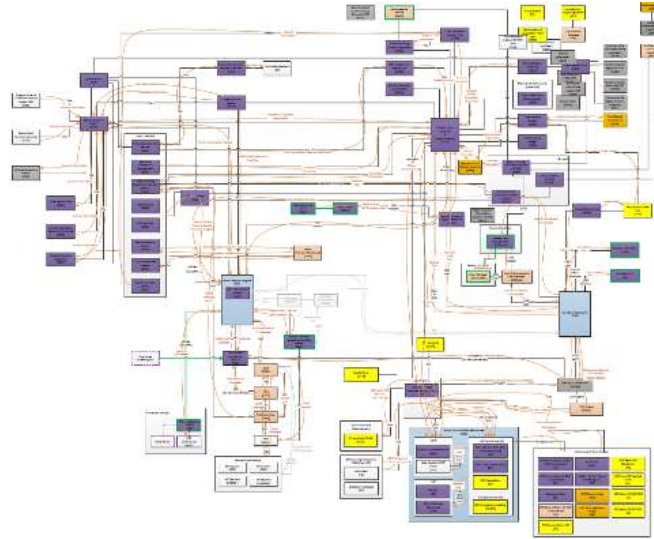
The largest financial services group in the Nordics



~11 million customers

~10 million personal customers
700 000 corporate customers

- Nordea -

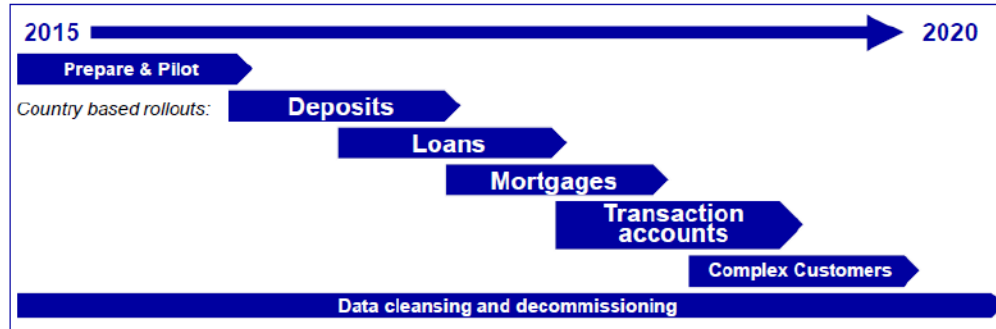


**Complex landscape
resulting from several mergers**

- Nordea -

Core Banking Programme

One Nordic banking platform – standard and efficient



Largest transformation programme in Banking in Europe at present

Focused on delivering incremental & frequent business value



Where we started

Our guiding principles



Automation

Env. Provisioning
Test automation
CI/CD



Everything as code

Env. Configuration
Delivery pipeline



Short Feedback Loops

For developers & testers
Fail fast
Learn Quick



On our way to CI/CD

Continuous Integration
Automatic build &
deployment to Dev/Test



Configuration management

Custom-made solution
Not quite everything as code



Daily build & deploy

Lengthy build
No live deployment

Our situation B.C.

Pain Points

Easing the Pain

Long environment provisioning time

Environment provisioning time from weeks to 1 hour

High number of short-lived environments

Less cost for provisioning/deleting environments
Better environment lifecycle management

Complex deployment orchestration / Requires downtime

Simpler deployment
Deploying only one container / Live deployment

Fragmented environment configuration
No full control of all components

Infrastructure as code

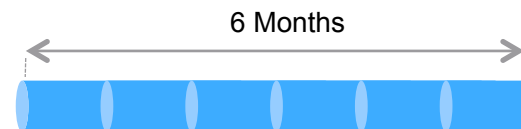
How to integrate so many development and test environments?

Service Virtualization

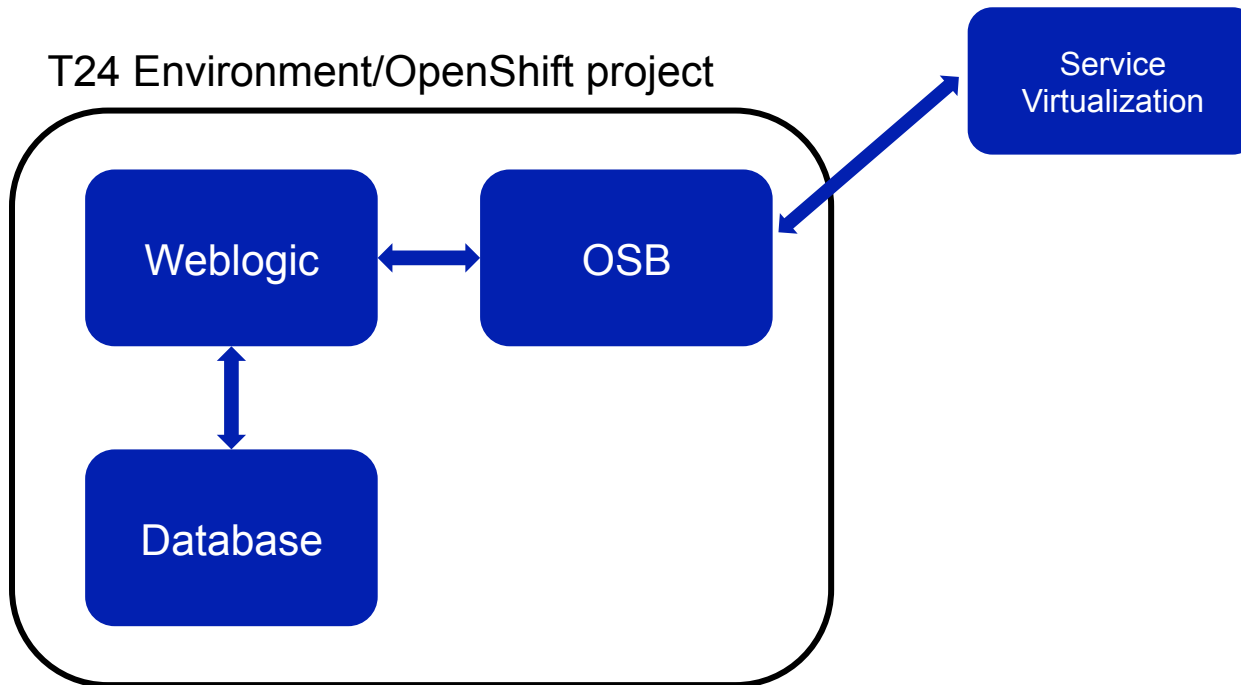
Need to shorten feedback time to developers and testers

More frequent deployments to Development environments
Time Travel in test environments

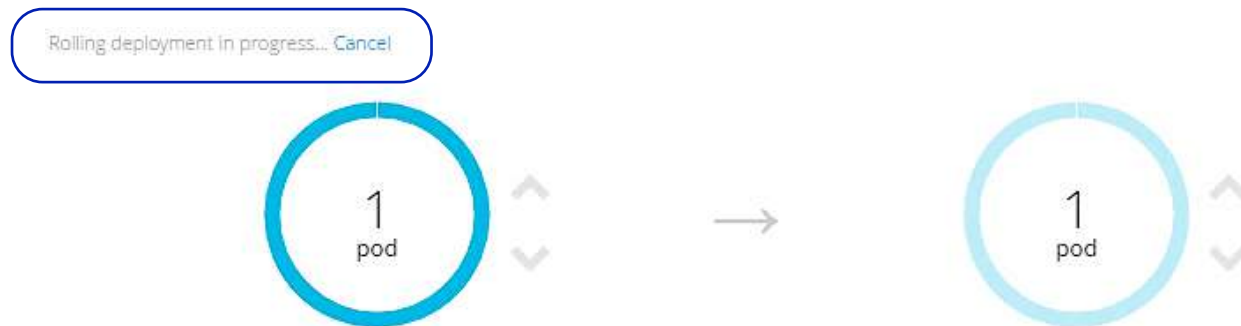
Our Answer



Our Answer



Our Answer



New challenges!



New challenges!



New challenges!

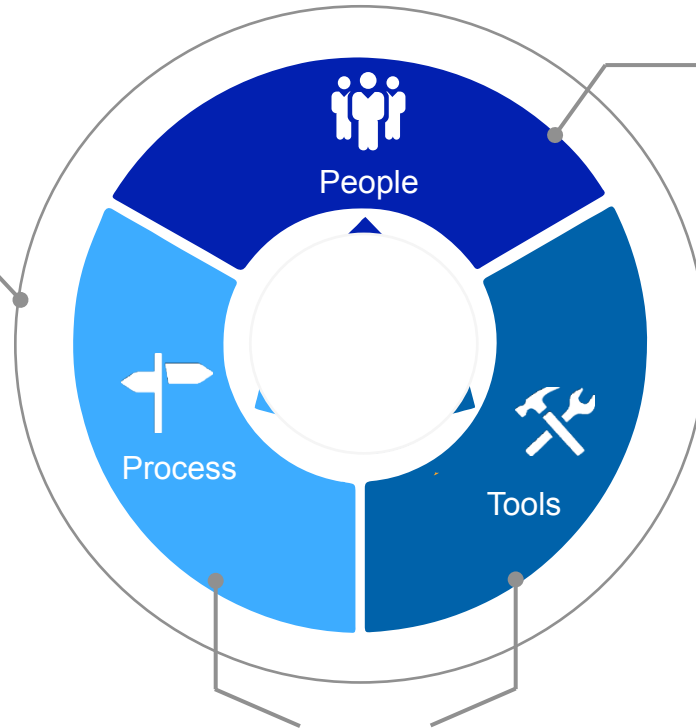


New challenges!



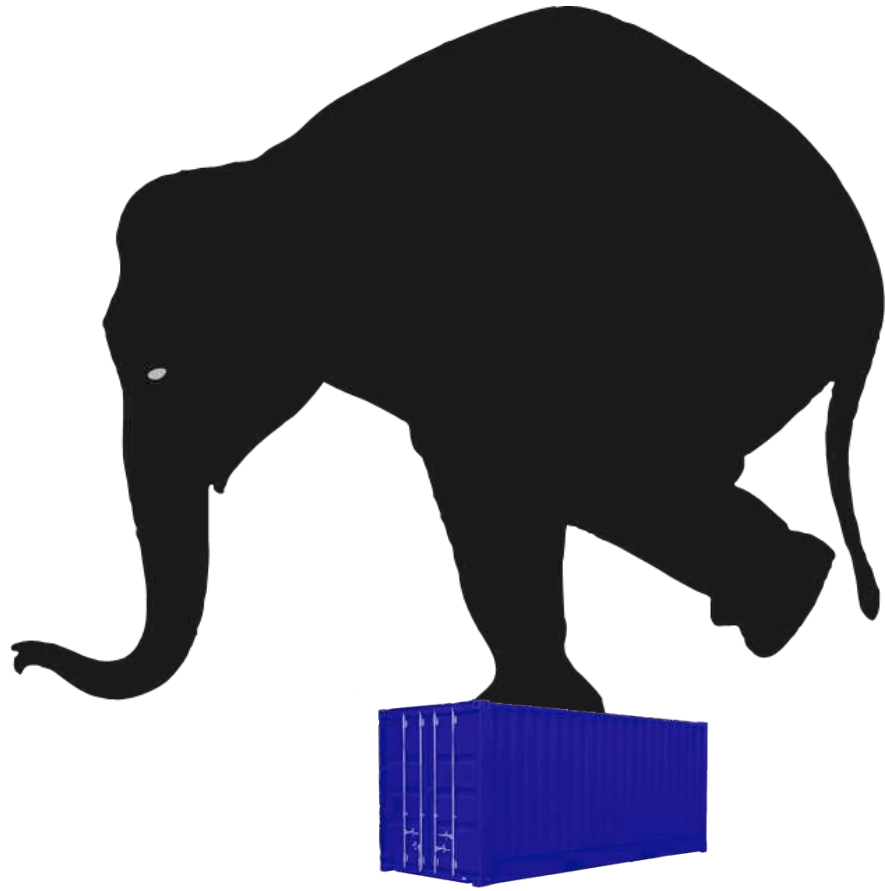
Something to think about

How to balance?
People, Processes,
and Tools



Management of Expectations
When is your new platform/tool
ready to be released?

Exploring/Experimenting with new solutions / tools / platforms



Thank you!



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