

Escaping the Legacy Trap

@ Financial Services Institutions

Darran Rice & Coté

VMware Tanzu

July 4th, 2023



**“It’ll just take
15 minutes.”**

A portrait of Darran Rice, a man with short brown hair and blue eyes, wearing a dark suit jacket over a light blue and white striped button-down shirt. He is smiling slightly and looking directly at the camera.

**Darran
Rice**

A portrait of Coté, a man with a full grey beard and mustache, wearing black-rimmed glasses and a blue and white plaid button-down shirt over a dark t-shirt. He is smiling slightly and looking directly at the camera.

Coté



Caught in the Legacy Trap

- Debilitating technical debt
- Maintenance efforts hinder innovation
- Bulky processes obstruct progress
- Desperate lack of knowledge and skills
- Low test coverage

Software that you need to change, but are afraid to change

“ Legacy technology is any technology that makes it difficult for organizations to change their application systems to support changing business requirements. And, therefore, it impedes business agility.”

*Anne Thomas,
distinguished research VP at Gartner, in an email to CIO Dive*

“ Legacy code is code without unit tests.”

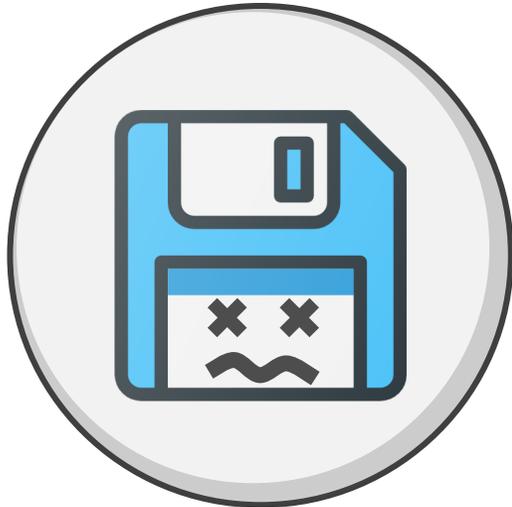
*Michael Feathers,
Working Effectively with Legacy Code*





Escaping the Legacy Trap

Modernization Strategies - The 7 Rs



Retain

Keep and don't touch for now.

Retire

Decommission end-of-life application.

Rehost (lift and shift)

Repackage and move existing applications with as few changes as possible.

Replatform

Change the underlying platform (runtime, framework, middleware, OS).

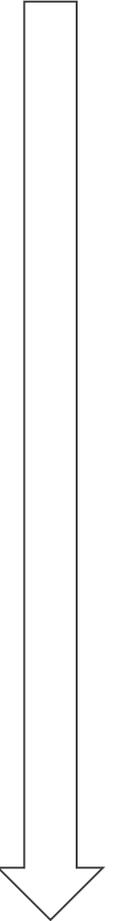
Refactor/Rewrite

Redesign code to take advantage of the new platform (extend, strangle, rewrite).

Repurchase / Replace

Replace by commercial off-the-shelf (COTS) or Software-as-a-Service (SaaS).

Low efforts
Low value



High efforts
High value

To escape, modernize more than just your apps

Culture

Continually improve and deliver customer success.

Startup
Generative
Empowered
Psychological Safety

Methodology

Learn the necessary practices to build modern software.

User-Centered Design
Lean Product Management
Extreme Programming
Cloud-Native Practices

Tools

Build with products focused On developer productivity.



Best in class tools

Platform

Run any app, on any cloud, on a unified platform.

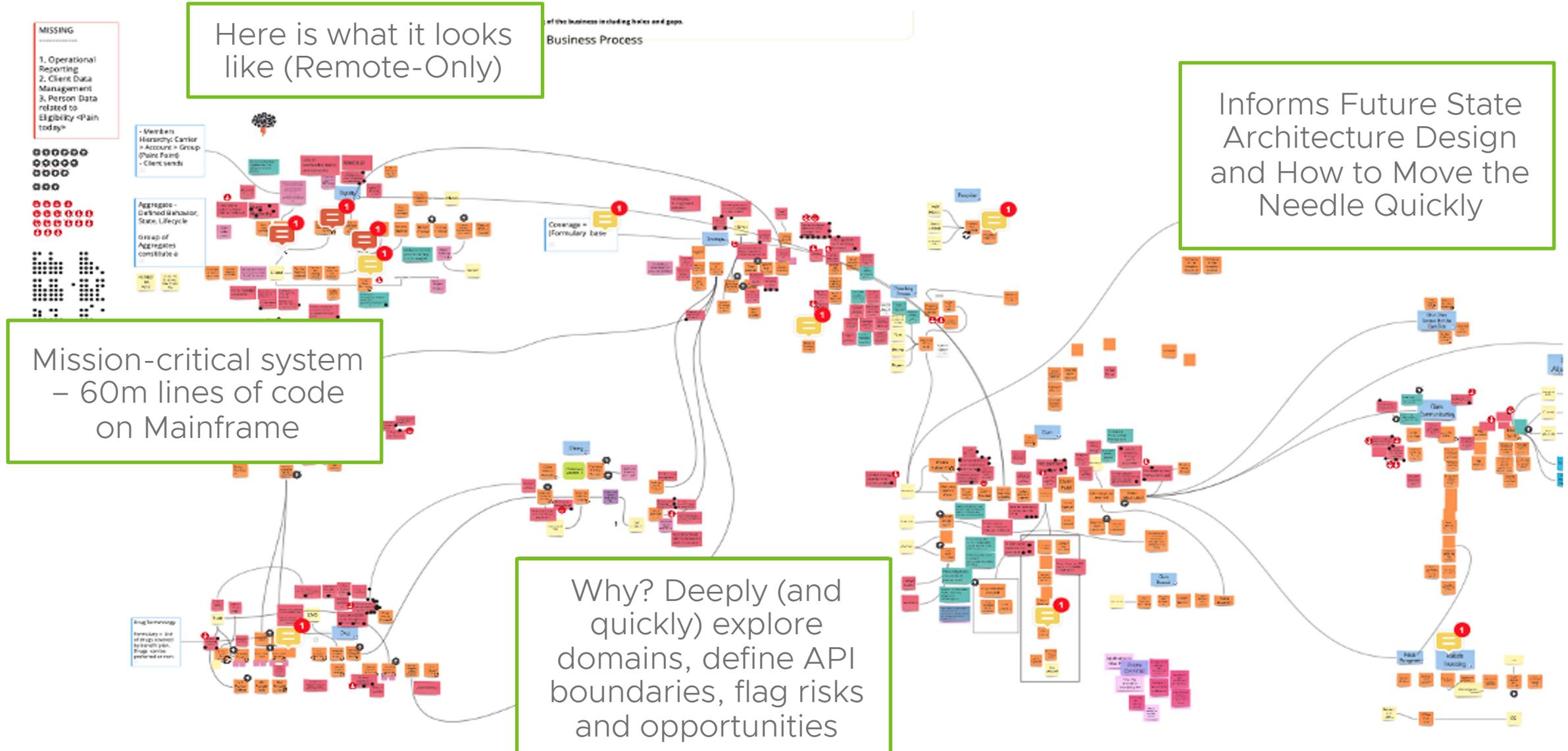
Portable
Low coupled
Standardized
Matching abstraction

The Swift Methodology

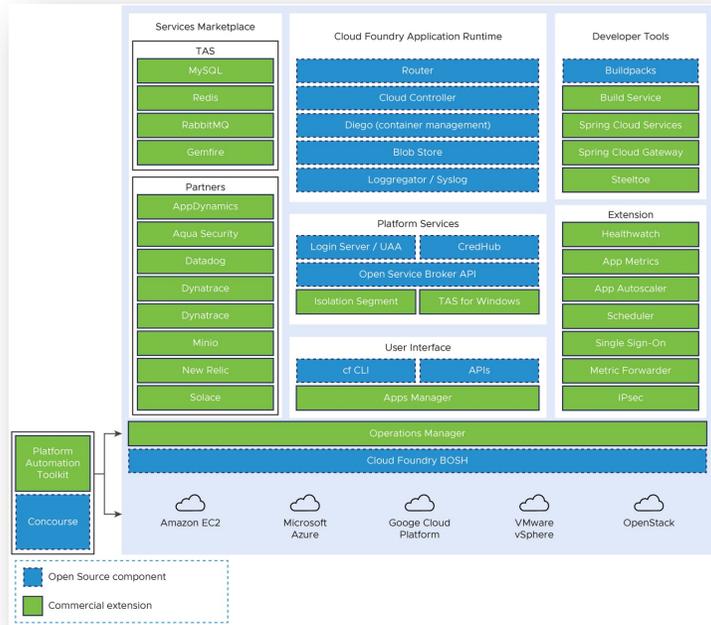
A series of proven practices that jump-start application modernization in days, not months



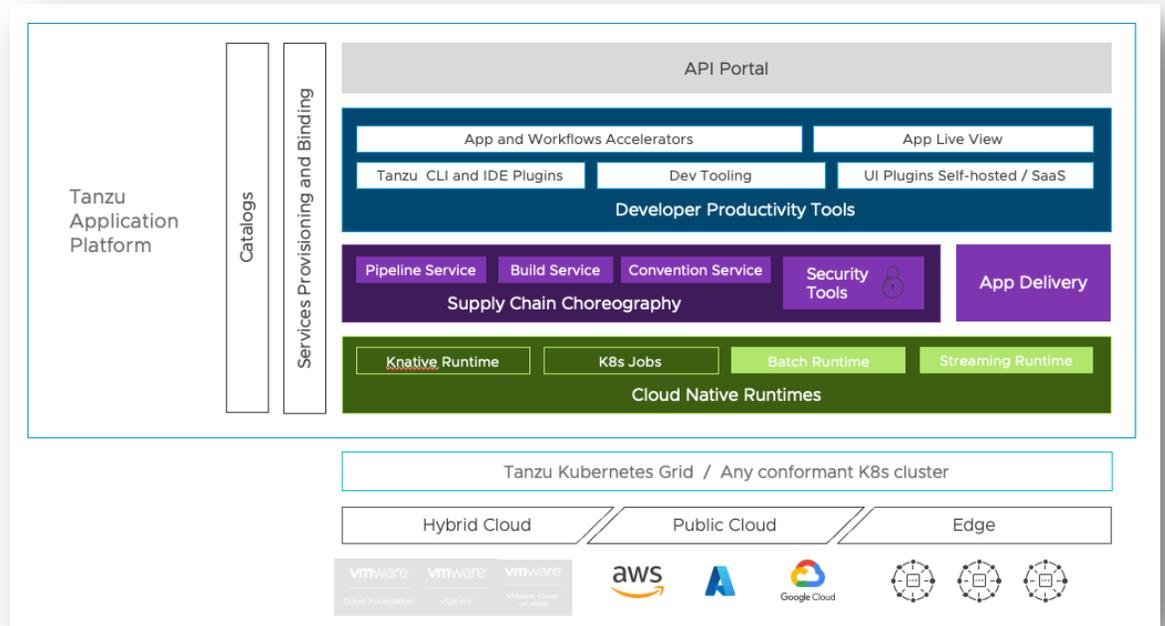
Modernizing 60m lines of COBOL code for a new payments



Tanzu Application Service



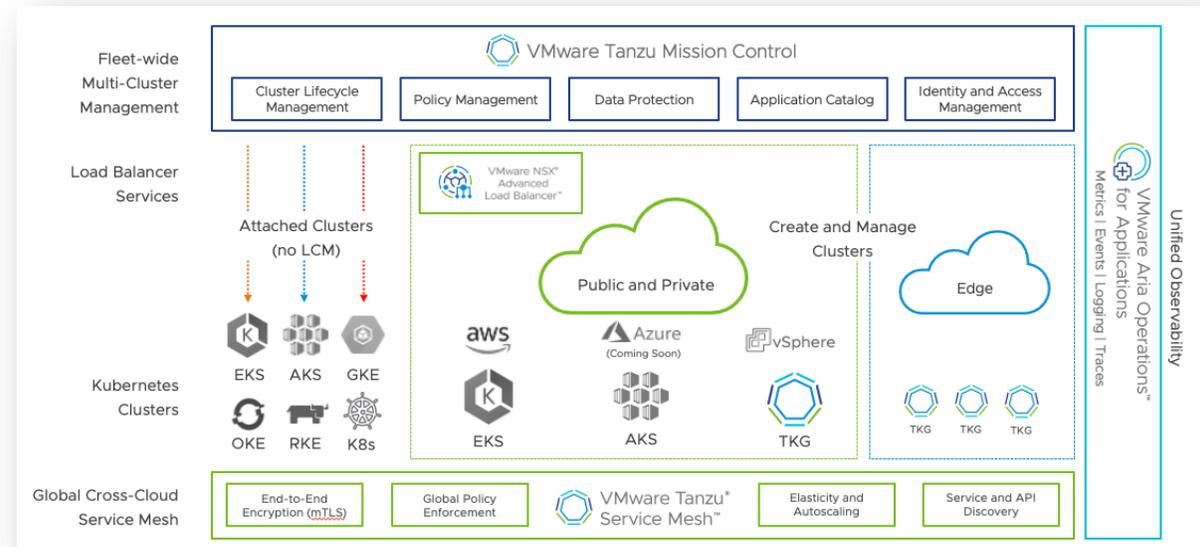
Tanzu Application Platform



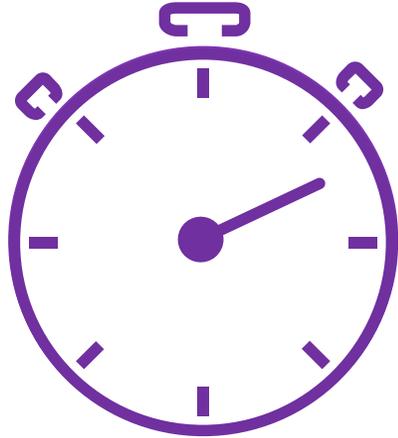
Tanzu Labs



Tanzu for Kubernetes Operations



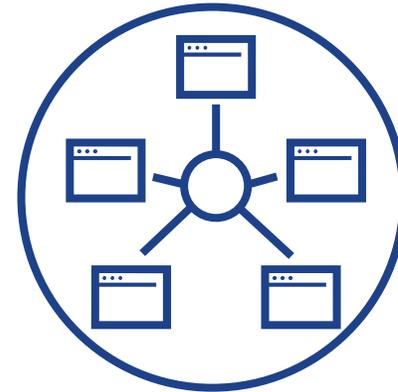
Next Steps...



Ask how much time is spent on legacy vs. innovation.



Read
The Legacy Trap



Free One Hour Consultation to
Prioritize your portfolio
Define a strategy

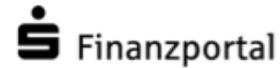


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Learn how banks are moving from a project to a product software model to innovate and improve banking services and remain competitive.

4 July: Session 2 – Escaping the Legacy Trap

Learn how banks are modernizing the legacy app portfolios that are holding them back. Attendees will also receive a free copy of *Escaping the Legacy Trap* that details the process large organizations are using to modernize their legacy application portfolio.

11 July: Session 3 – How Cloud Native Improves & Ensures Security, Governance, and Trust in Finance

Hear how banks are using cloud native tools and practices to ensure security and compliance.

