

Pattern: Strangler application

Context

Problem

How do you migrate a legacy monolithic application to a microservice architecture?

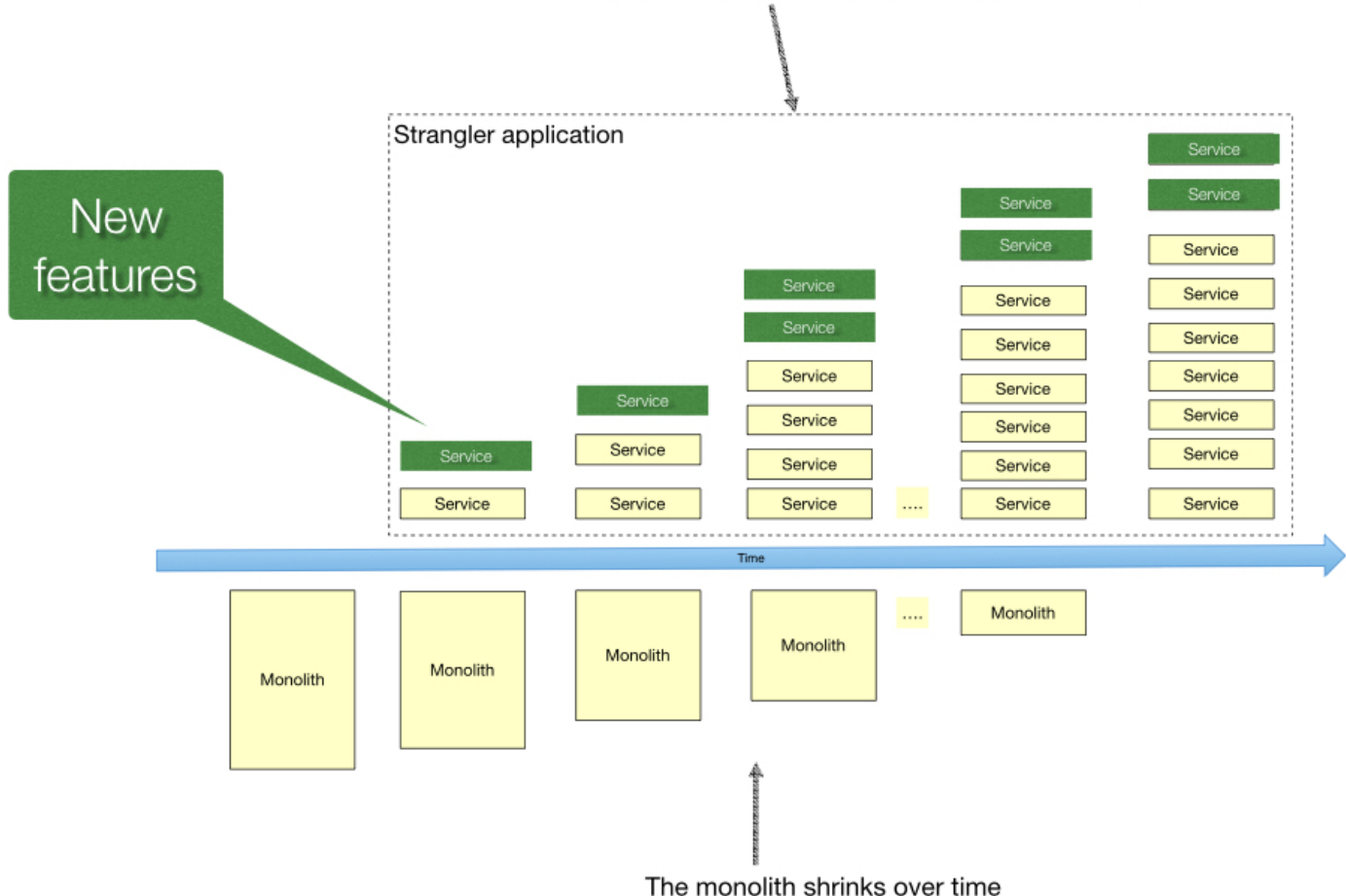
Forces

Solution

Modernize an application by incrementally developing a new (strangler) application around the legacy application. In this scenario, the strangler application has a microservice architecture (</patterns/microservices.html>).

Strangling the monolith

The strangler application grows larger over time



The strangler application consists of two types of services. First, there are services that implement functionality that previously resided in the monolith. Second, there are services that implement new features. The latter are particularly useful since they demonstrate to the business the value of using microservices.

Examples

Resulting context

Related patterns

Learn more

- [Refactoring example \(/refactoring\)](/refactoring)
- [Chapter 13 of my book \(/book\)](/book) describes how to refactor a monolith to microservices

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