

An aerial photograph of a densely packed informal settlement, likely a slum. The buildings are small, multi-story structures with various roof types, including corrugated metal and flat roofs. The buildings are tightly packed together, with narrow alleys and paths visible between them. The overall scene is one of intense urban density and makeshift construction.

Adventures of an Agile Architect

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ThoughtWorks

Prologue

Technical: SOA gone bad

Clients coupled to services via WSDL

Lots of duplication

Lots of duplication

Operational: complex, flaky infrastructure

EJBs in non-standard, old version of JBoss

Organisational: developers in silos

Conway's Law

Team arguing

Epilogue

Technical

“Good” SOA

Clear context boundaries

Operational

Deterministic deployment

Stable in production

Organisational

Happy team!

Systemic and sustainable

The story

Introduction: Listen, Listen, Listen

The story

Introduction: Listen, Listen, Listen

Chapter 1: Set a strategy

If you want to build a ship, don't drum up people to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea.

Antoine de Saint-Exupery

The story

Introduction: Listen, Listen, Listen

Chapter 1: Set a strategy

Chapter 2: Change the culture

The story

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Chapter 3: Introduce command pattern

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Chapter 4: Get rid of the EJBs

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Chapter 5: Introduce bounded contexts

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Chapter 5: Introduce bounded contexts

Chapter 6: Share the love

What I learned

There's always a reason

Have a shaman

and be a shaman

Strip away everything you can

until it breaks!

You can't “buy” architecture

Use transitional architectures

Life moves on



Thank you

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