



KUBERNETES PATTERNS

Dr. Roland Huß, Red Hat, @ro14nd

"m" for menu, "?" for other shortcuts



AGENDA

- Kubernetes & Patterns
- Foundational Patterns
- Behavioral Patterns
- Structural Patterns
- Configurational Patterns



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Design Patterns

DESIGN PATTERN

A **Design Pattern** describes a **repeatable solution** for a software engineering **problem**.

A Pattern Language

Towns · Buildings · Construction



Christopher Alexander

Sara Ishikawa · Murray Silverstein

WITH

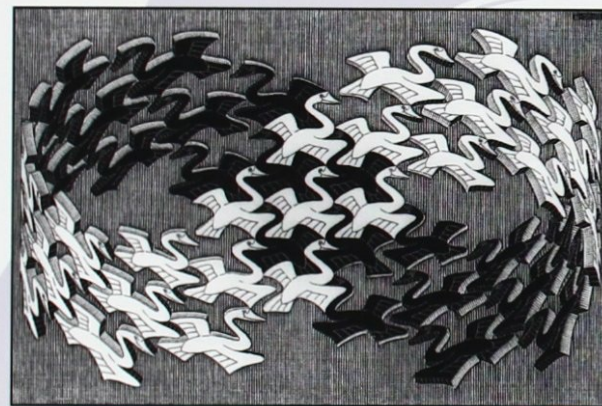
Max Jacobson · Ingrid Fiksdahl-King

Shlomo Angel

Design Patterns

Elements of Reusable Object-Oriented Software

Erich Gamma
Richard Helm
Ralph Johnson
John Vlissides



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Foreword by Grady Booch



ADDISON-WESLEY PROFESSIONAL COMPUTING SERIES

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STRUCTURE

- Problem
- Patterns:
 - Name
 - Solution
 - Pro & Contra

FOUNDATIONAL PATTERNS

How can I add and decouple
functionality for a container without
changing it ?

- **Sidecar**
- **Ambassador** (aka Proxy)
- **Adapter**

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STRUCTURAL PATTERNS

How can I add and decouple
functionality for a container without
changing it ?

- **Sidecar**
- **Ambassador** (aka Proxy)
- **Adapter**

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WRAP UP

- Patterns can help in solving recurring Kubernetes challenges.



QUESTIONS ?

Blog <https://ro14nd.de>

Slides <http://bit.ly/javazone-kubernetes-patterns>

