JavaEE

performance troubleshooting and tuning

adam-bien.com

"It's not work if you like it"
…so I never worked. #java

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**Real World Java EE
Night Hacks**

Dissecting the Business Tier

[Iteration One]

CDI REST JPA2 JMX

EJB 3.1 JAX-RS Maven 3 Java EE

ScalaTest Hudson DevOps BASE

Arquillian JUnit CI Stress Test

X-RAY

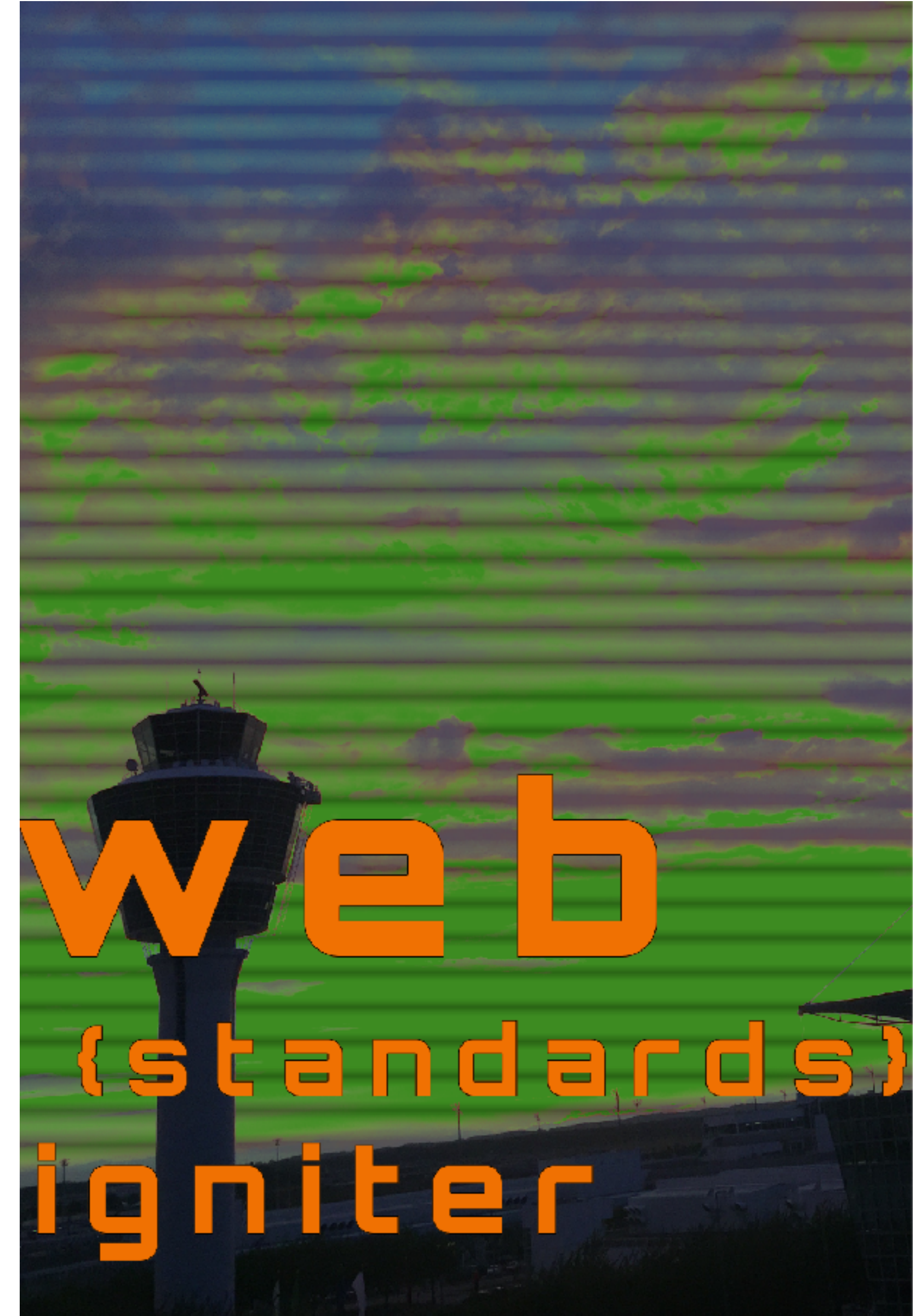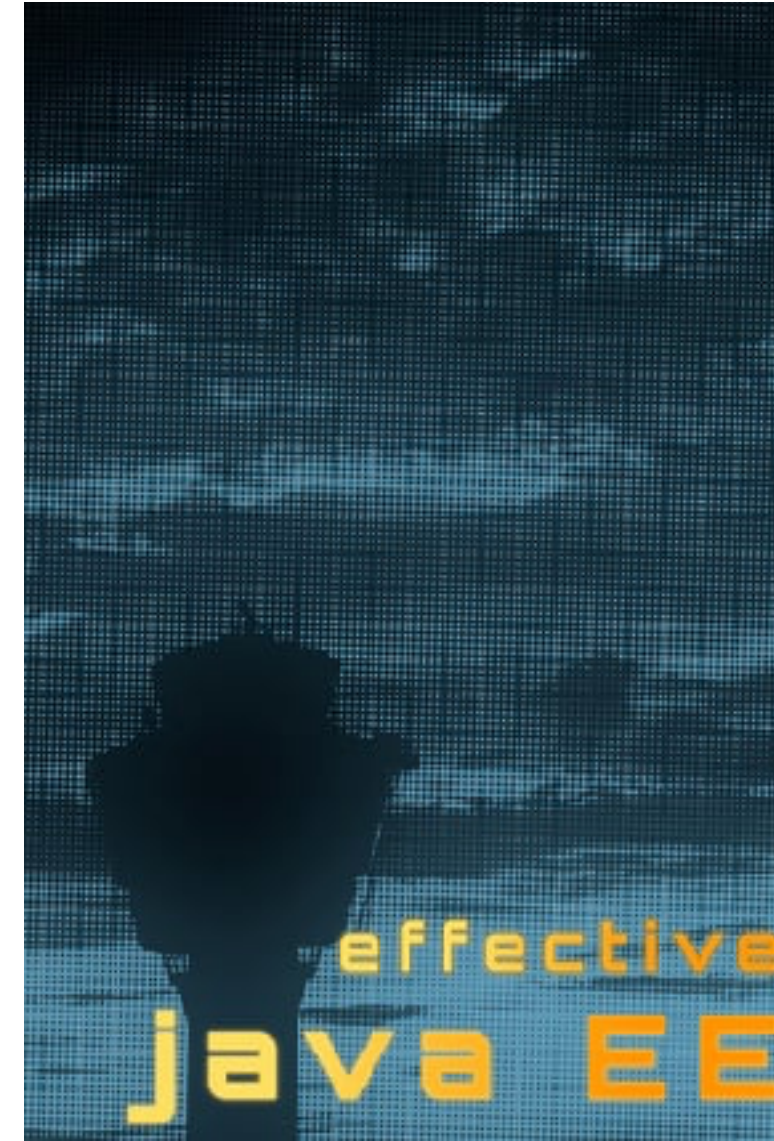**Adam Bien**

Foreword by James Gosling

REAL WORLD

JAVA EE PATTERNS

RETHINKING BEST PRACTICES

SMOK

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Java EE
bootstrap

effective
java EE

Java EE
testing

Java EE
microservices

web
{standards}
igniter

Application servers "under the hood"

Tools and utilities

Performing stress and load tests

Typical design flaws of Java EE applications

Identifying performance bottlenecks

Identifying memory leaks

Using built-in monitoring capababilities

Exposing and integrating health checks

Implementing Key Performance Indicators and metrics

Application server tuning

JVM tuning in Java EE context

Designing for scalability

Load balancing with or without clusters

Logging and exception handling strategies

Dealing with concurrency

Impact of transactions on performance and scalability

Implementing centralized logging with ELK

Implementing centralized metrics with prometheus

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Thank You!

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