

Effective WebComponents

adam-bien.com

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



adam-bien.com

adambien.blog

airhacks.io

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Real World Java EE Night Hacks

Dissecting the Business Tier

[Iteration One]



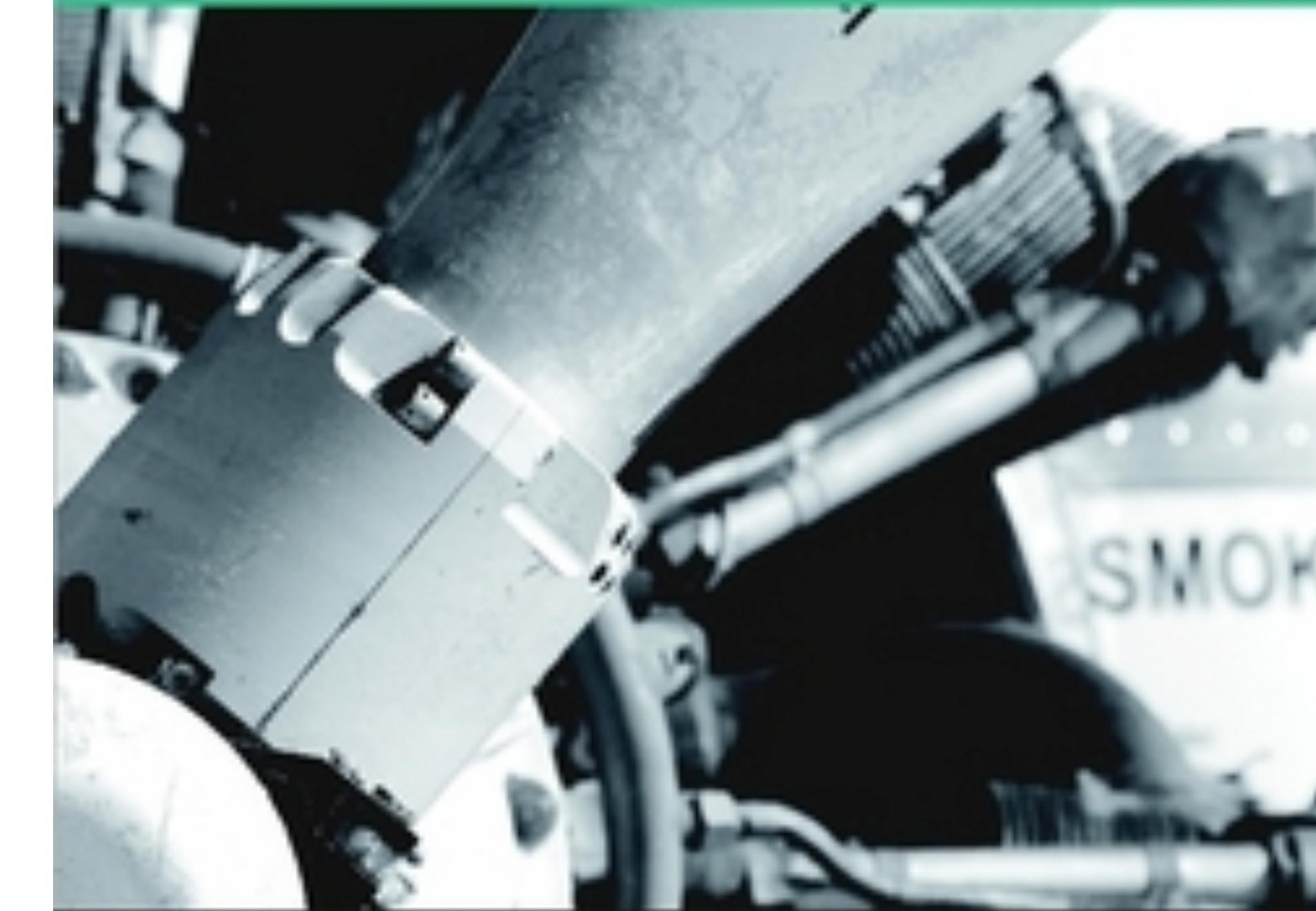
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Foreword by James Gosling

REAL WORLD

JAVA EE PATTERNS

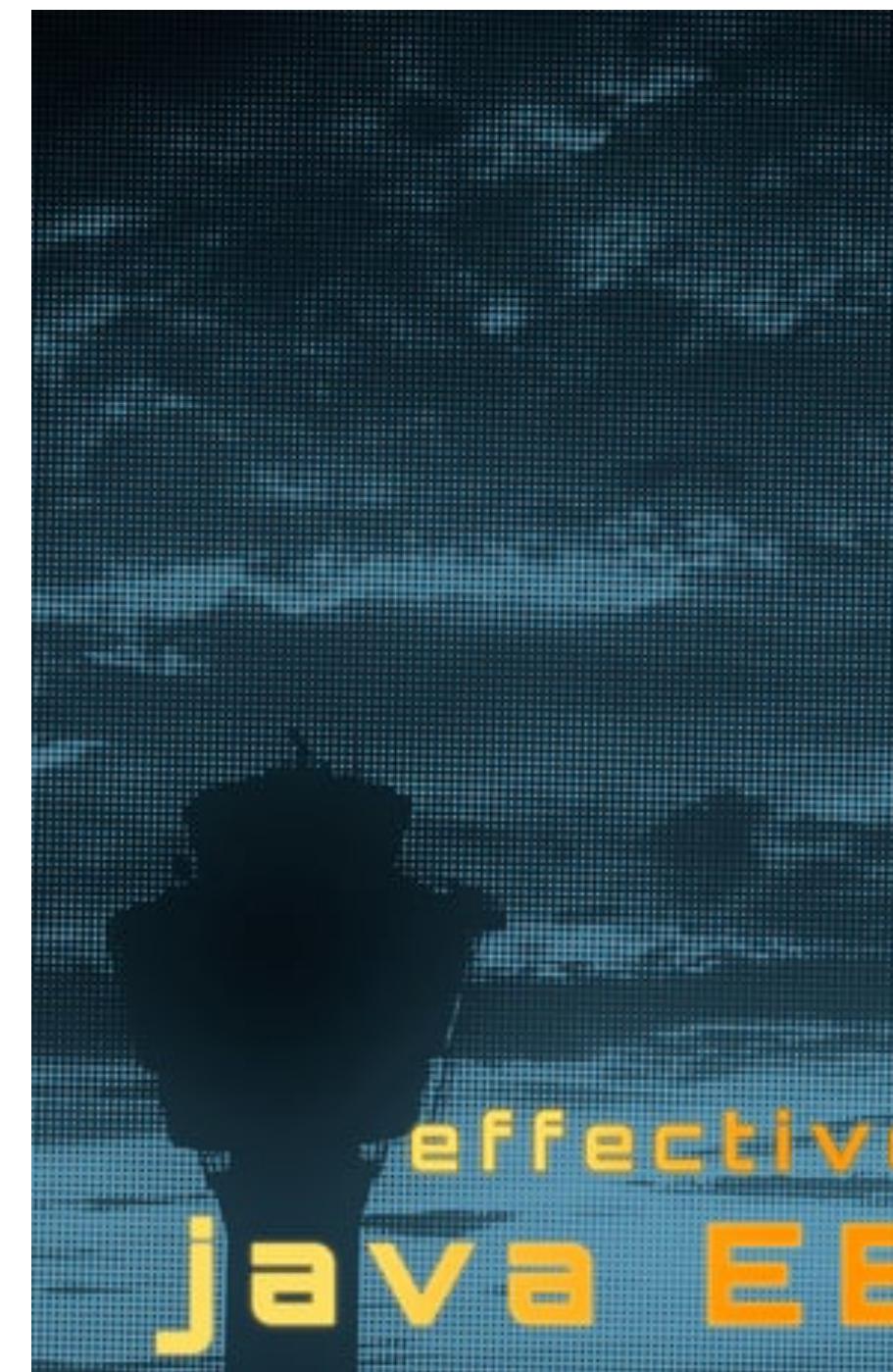
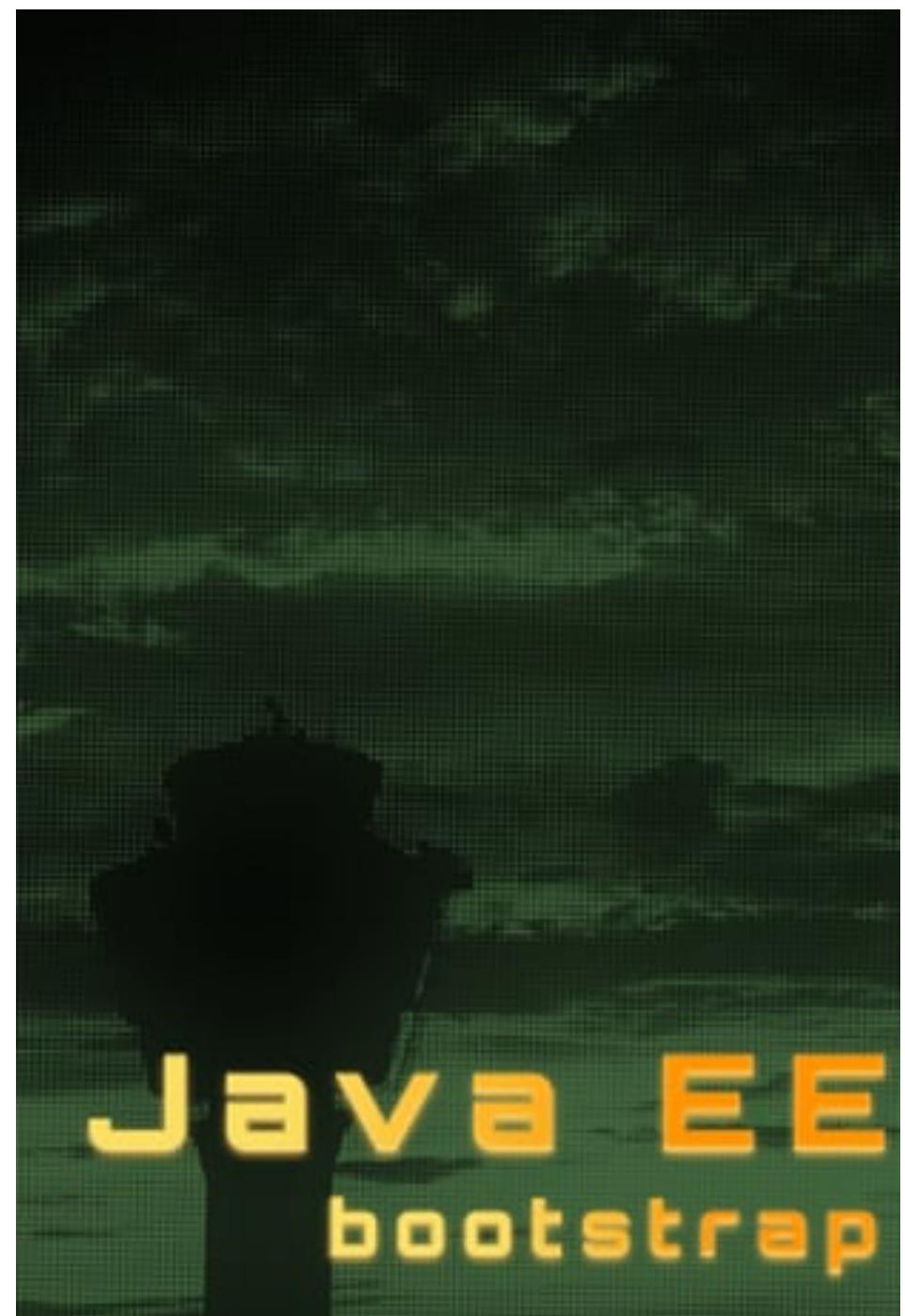
RETHINKING BEST PRACTICES



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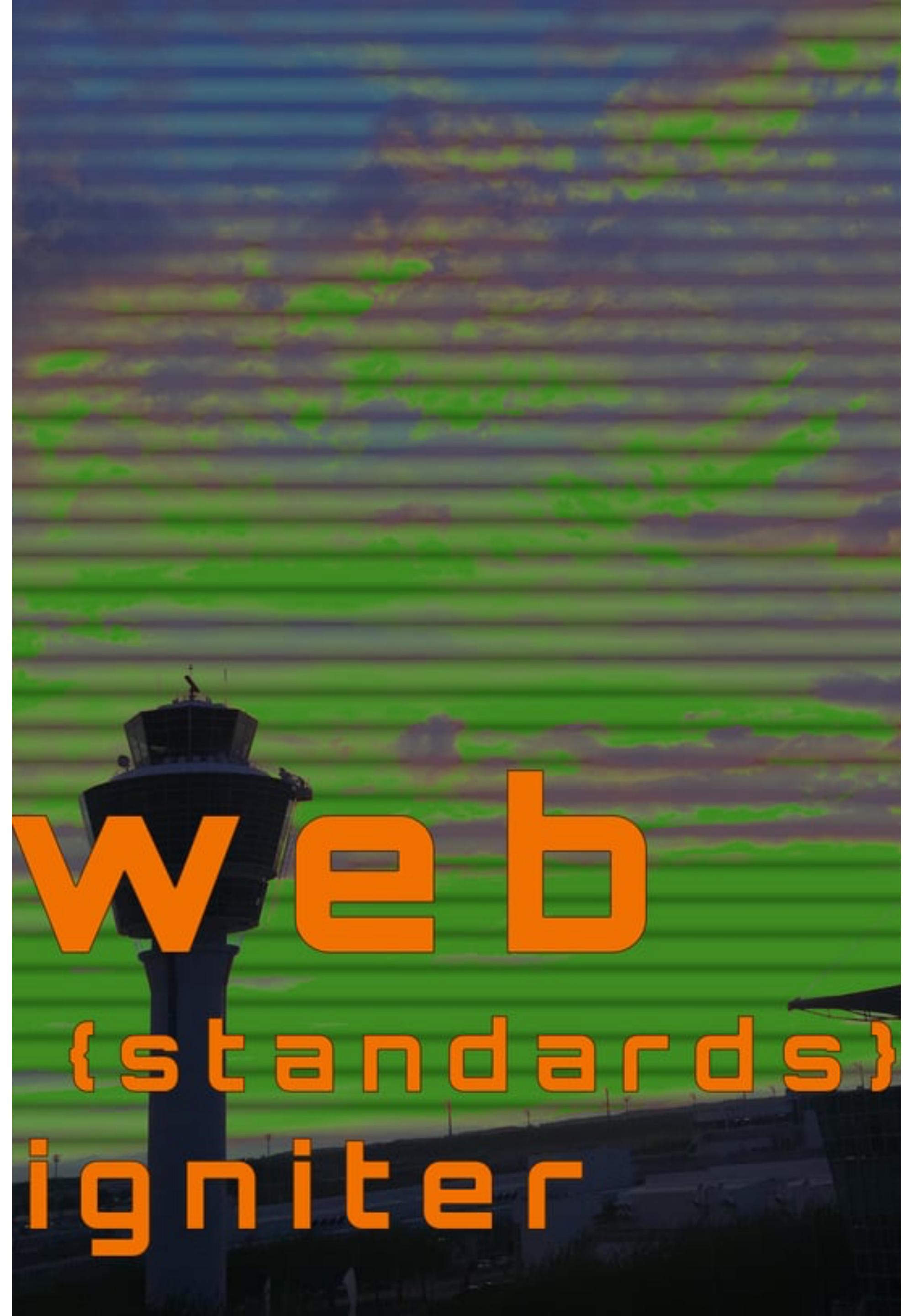
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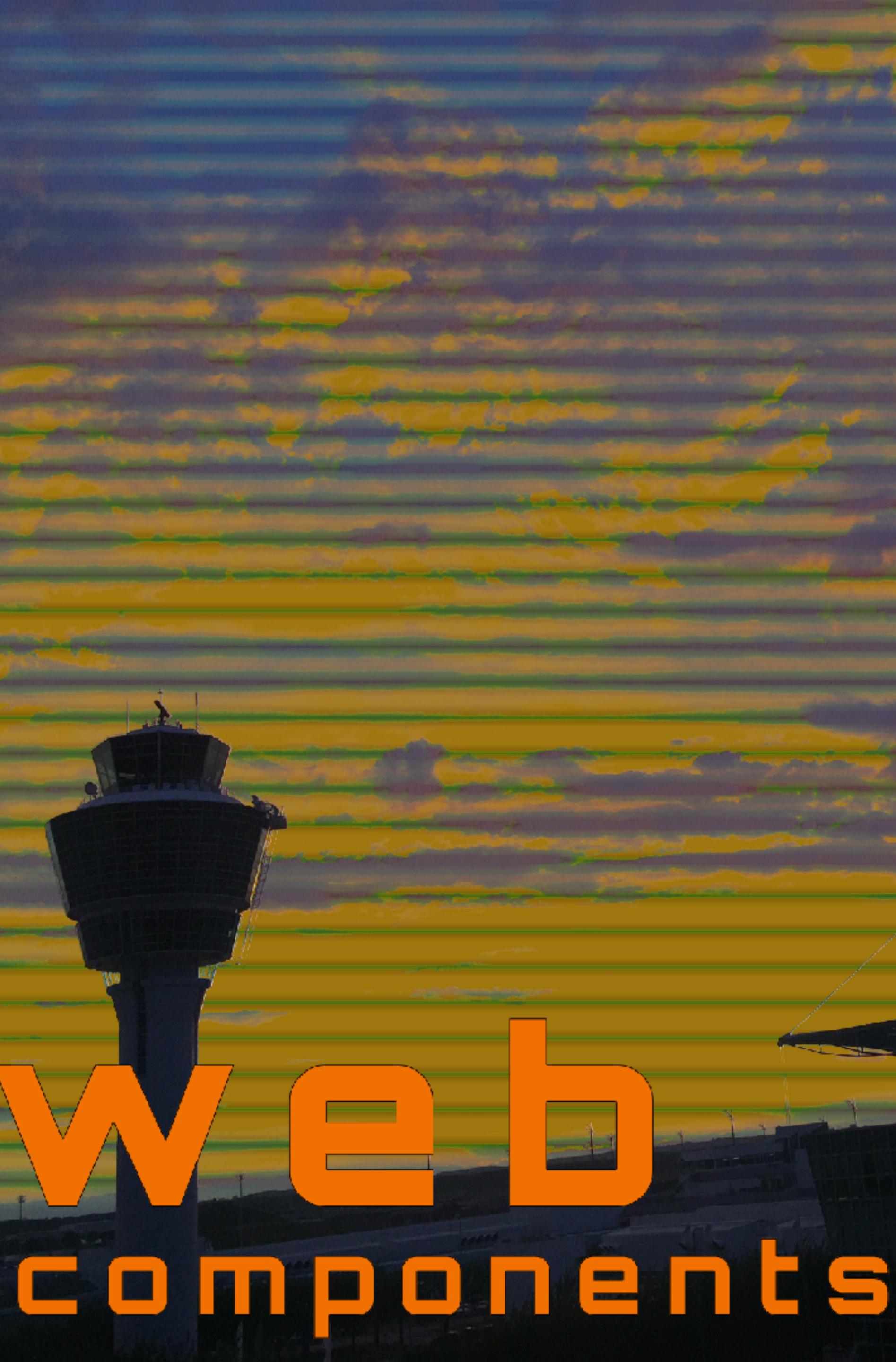


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<http://webstandards.training>



<http://webcomponents.training>



Munich (MUC) Airport Web Workshops for Java Developers, Autumn 2019:

**Web (Offline, Desktop, Mobile) Applications Essentials,
November 26th, 2019**

partially also available as: [Streaming / Download Edition]

**Building Web (Offline, Desktop, Mobile) Applications,
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Beyond Boring Jakarta EE and JDK 12--From NoSQL, over
Reactive to Fibers, December 12th, 2019

NEW:

Streaming Architectures, December 13th, 2019

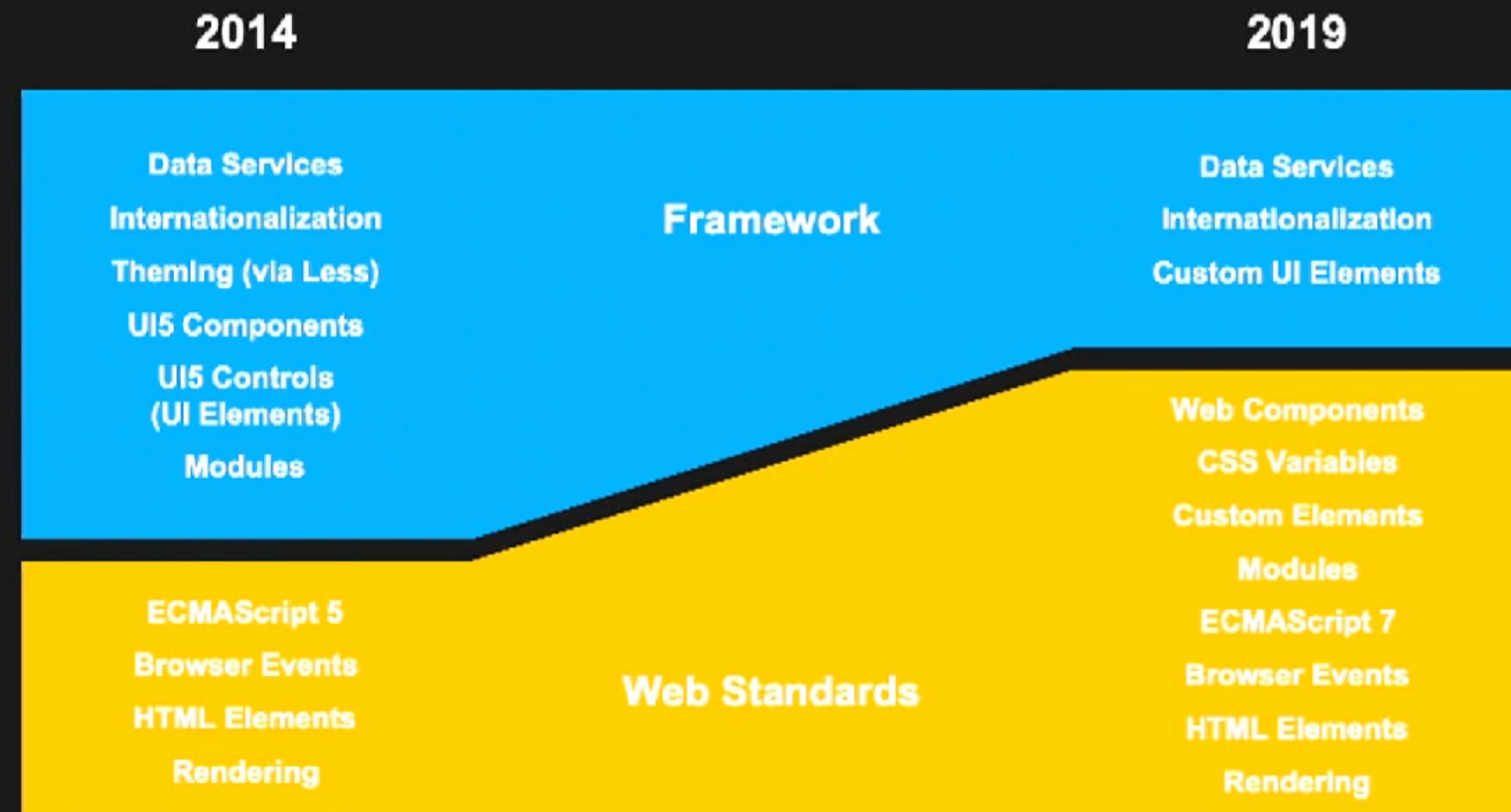
abstractions are great
...until they fail

WebStandards?

=> 95% what you can find here: MDN (...)

frameworks become
less relevant

Web Stack Evolution: "More Web Standards, Less Frameworks!"



WebComponents

ING

SalesForce

SAP

youtube

apple

microsoft

(...and most of my projects / clients :-))

3rd party libraries

vaadin

SAP

jQuery

extJS

prime

telerik (...)

frameworks vs. component libraries

Productivity

Learn Once (MDN)

No Setup (except optional browser-sync)

No Builds (optional NPM builds on CI, enabling 3rd-party components, HTTP/2)

No Migrations (no dependencies => no migrations)

Tooling

Web Components

Templates

WebComponent Communication

State Management

Encapsulation

Styling

Reuse and Legacy Browsers

Routing

Browser Storage

Cache Storage

Web Workers

Service Workers

Polyfills

**Useful 3rd party
components**

Build and Deliver

Testing

Framework Comparison

Micro Frontends

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Thank You!

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