

Modularisierte UIs für Microservices abseits von SPAs

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Michael Vitz
Senior Consultant @ innoQ

michael.vitz@innoq.com

[@michaelvitz](https://twitter.com/michaelvitz)

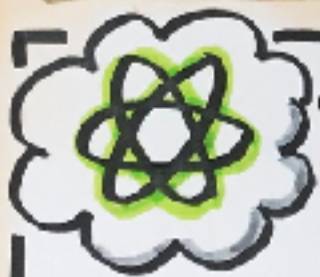
innoQ



Beratung



Entwicklung



Konzeption



Training

Webanwendungen

Webanwendungen

Browser



Backend



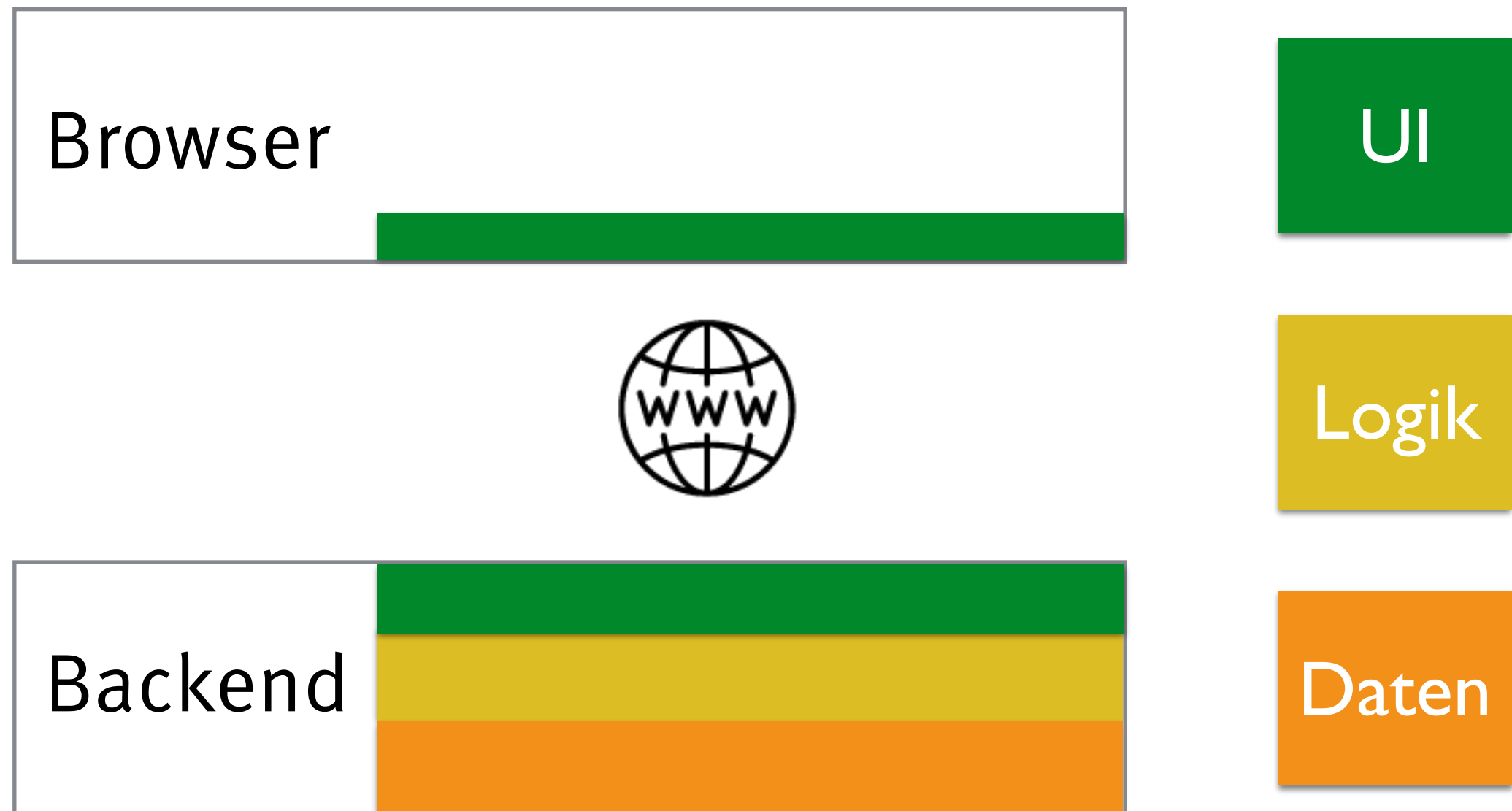
Schichten & Verteilung?

Browser

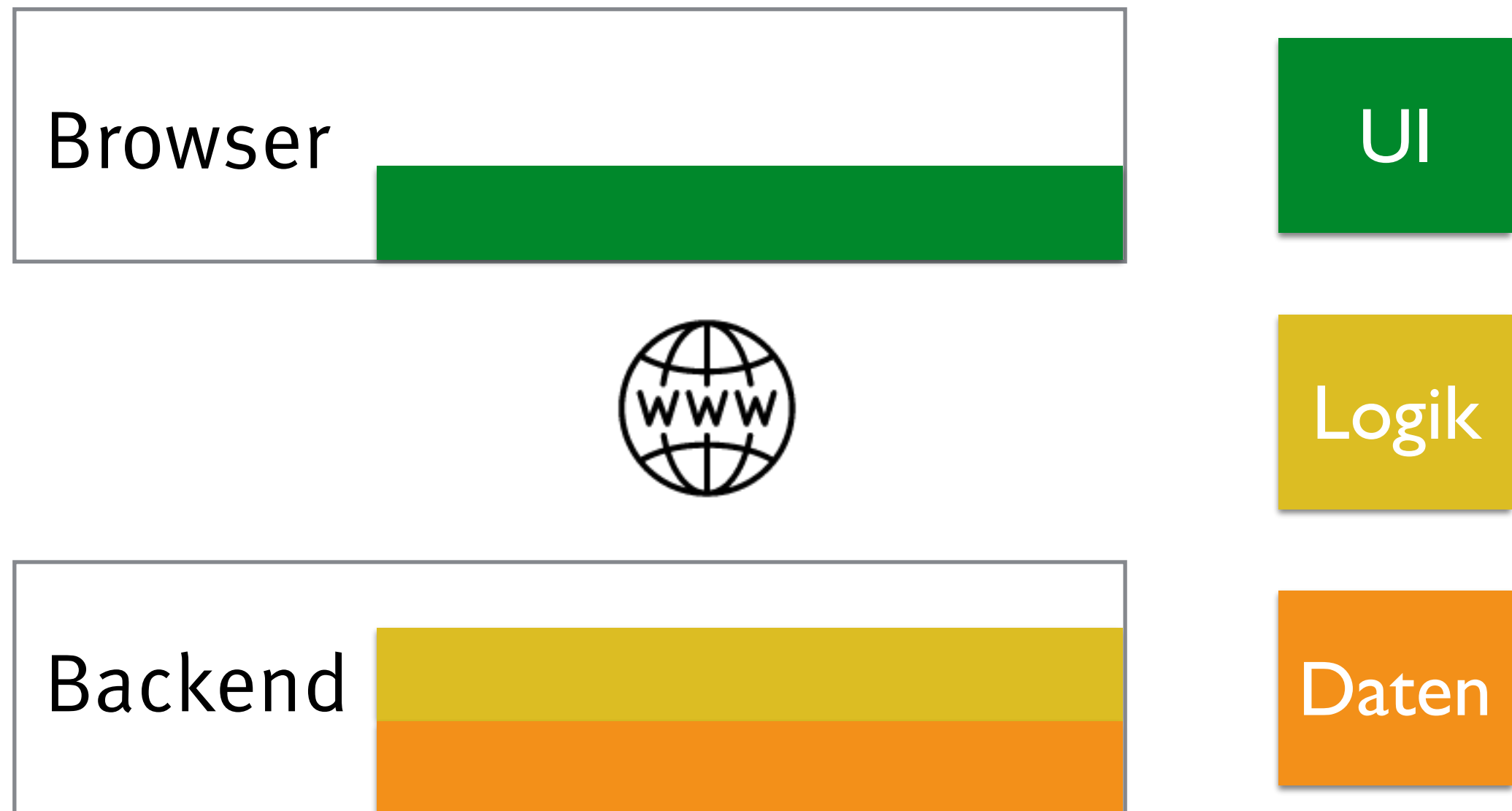


Backend

“Klassische” Webanwendungen

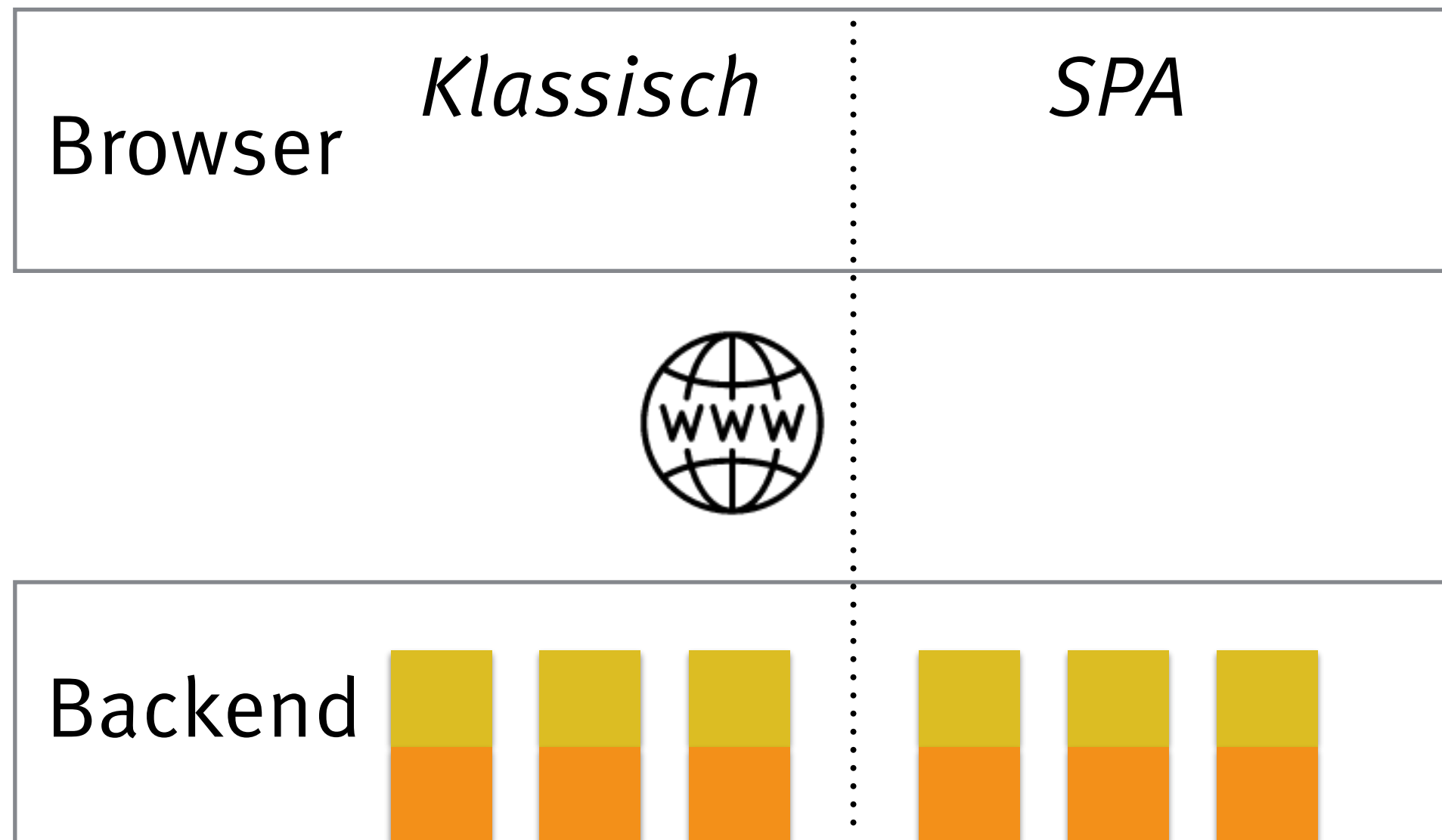


Single Page Anwendungen

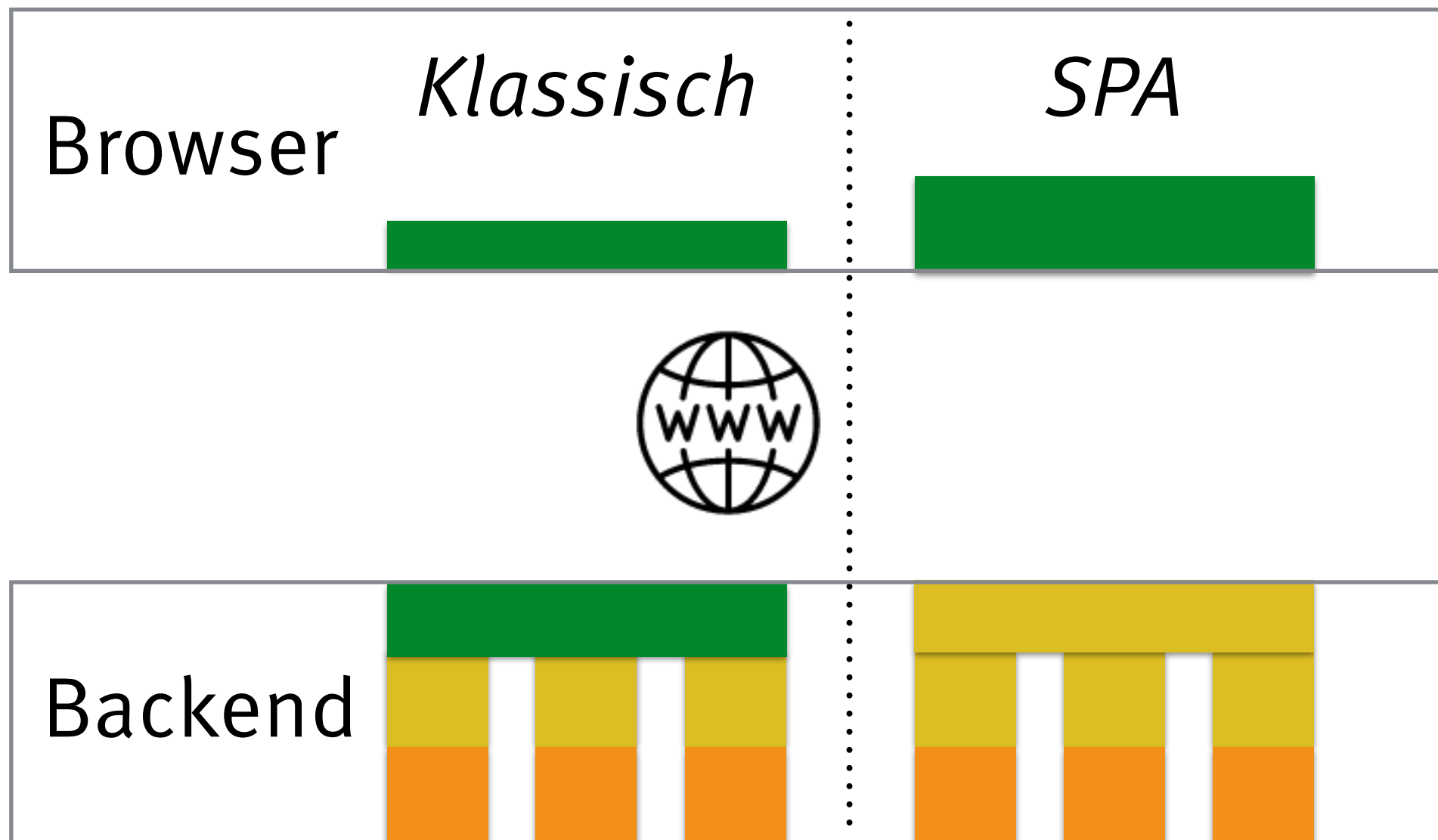


UI Integration

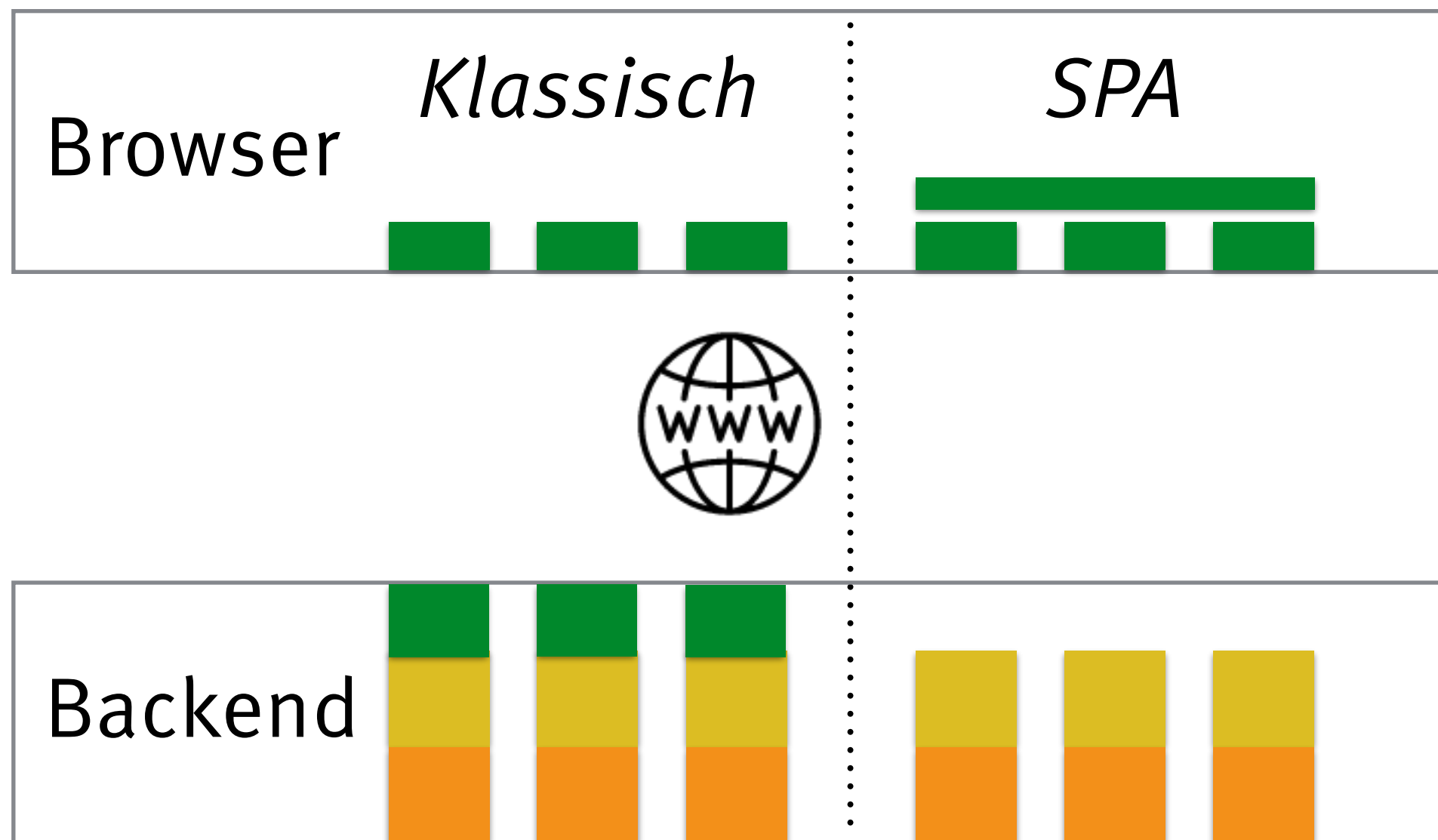
UI Integration



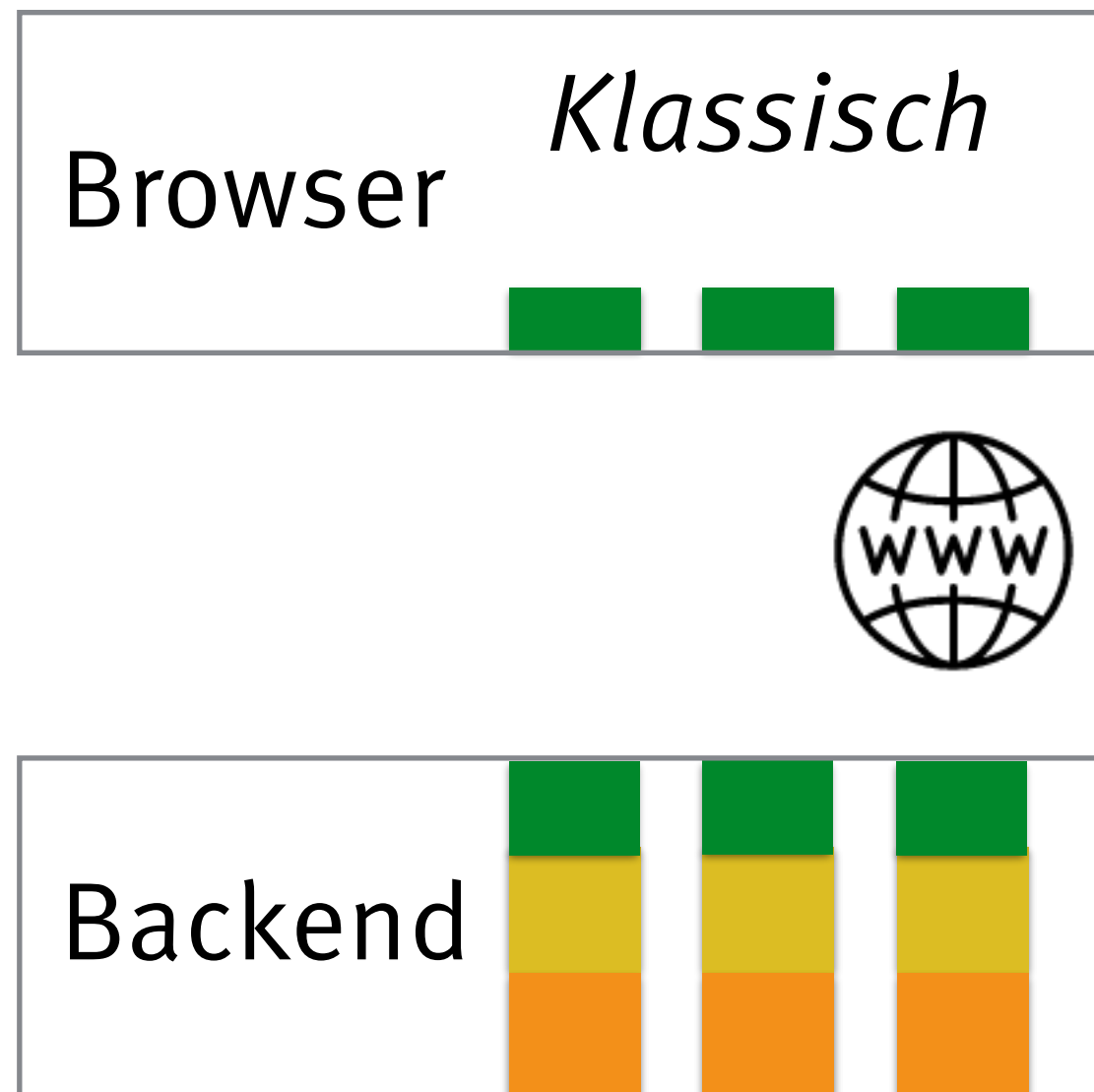
Monolith



Modularisiert

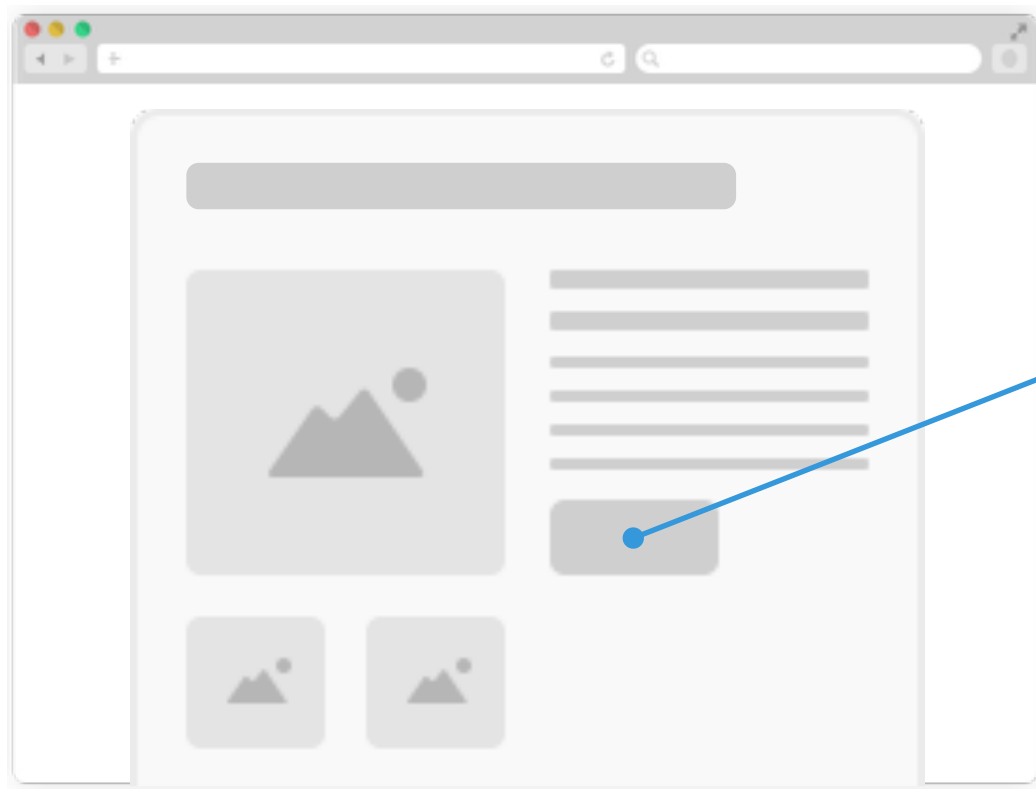


Modularisiert

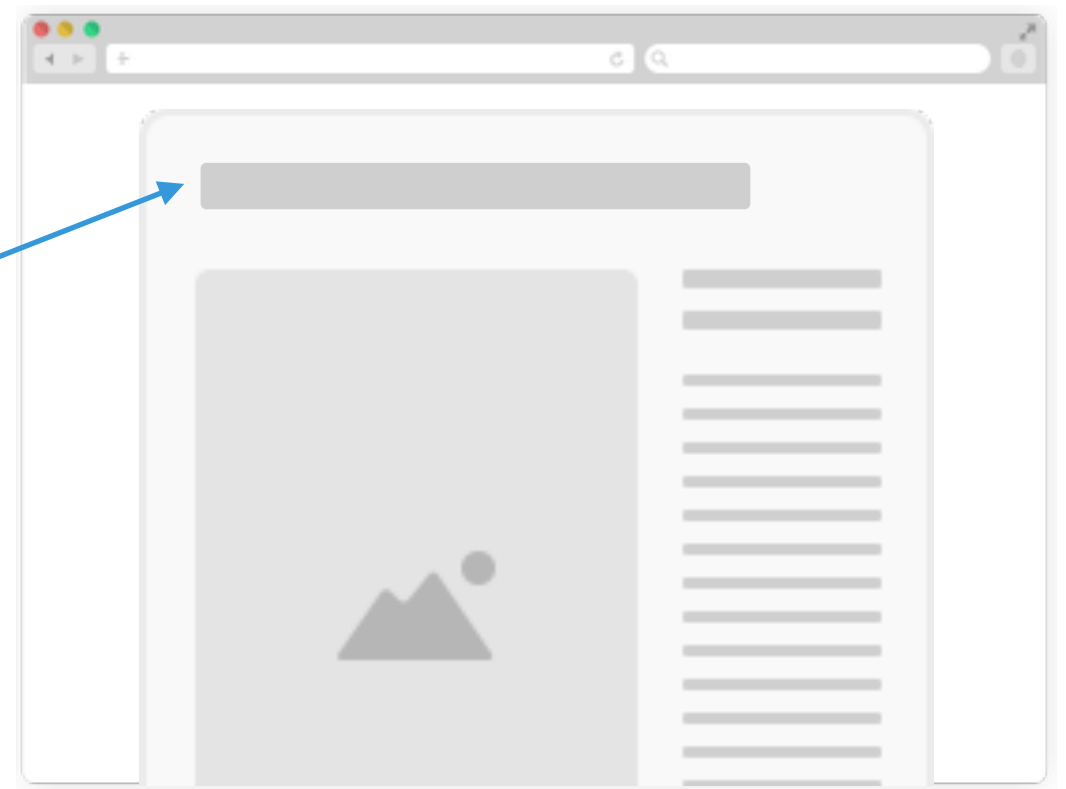


Techniken

Hyperlinks

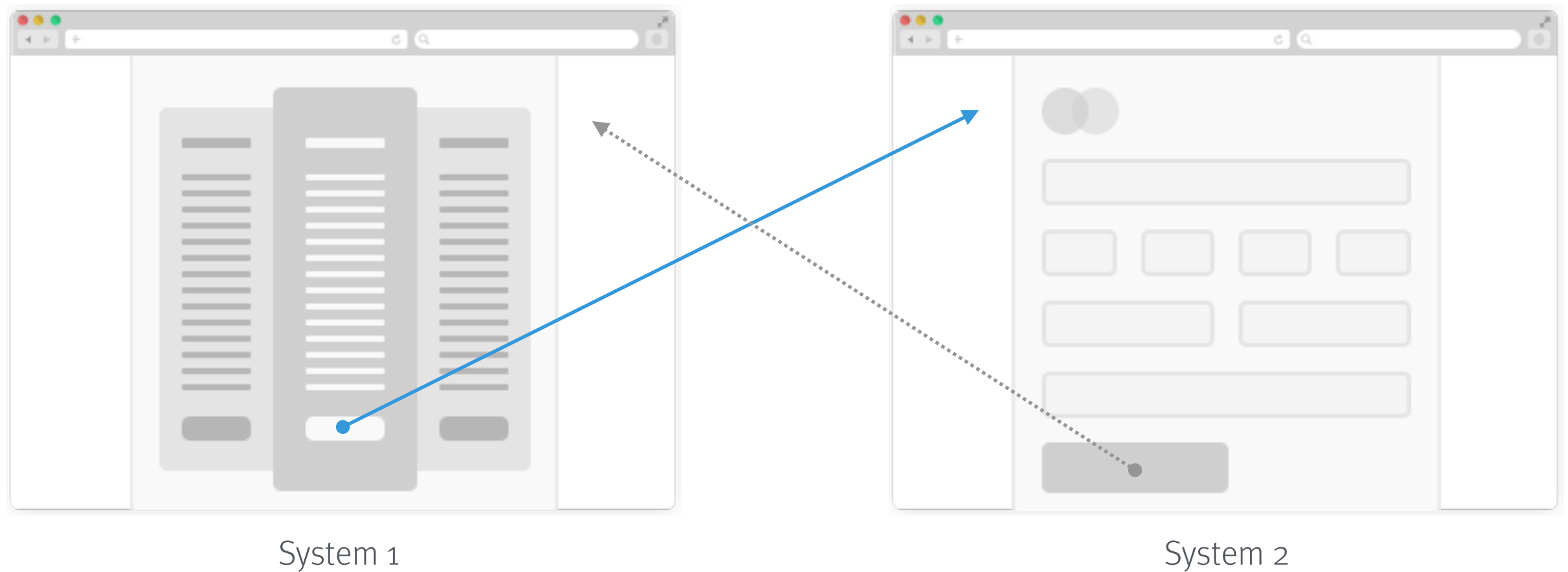


System 1

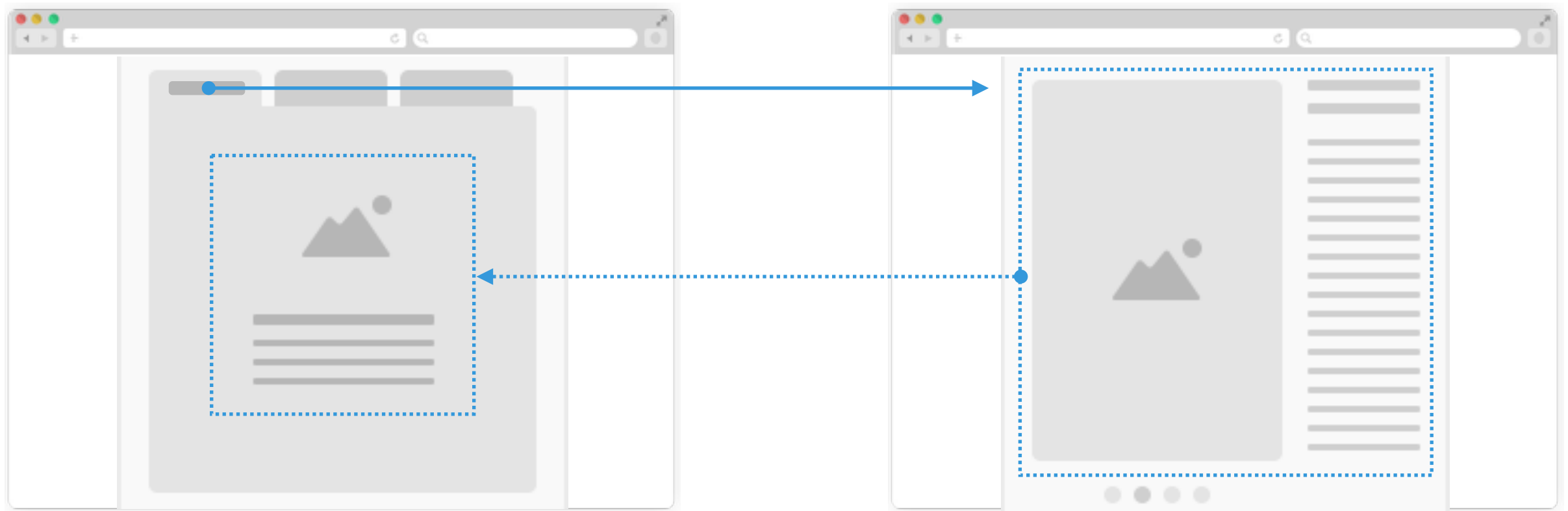


System 2

Redirects



Transklusion



Transklusion

Serverseitige Transklusion

- › Edge Side Includes (ESI)
- › Server Side Includes (SSI)
- › Zalando Tailor
- › ...

Edge Side Includes

```
<esi:include src="/shopping-cart"/>
```

<https://github.com/ewolff/SCS-ESI>

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Clientseitige Transklusion

- › iframe
- › h-include
- › “selbst implementiert”

“selbst implementiert”

HTML

```
<a href="/shopping-cart"
  data-transclude>
  Shopping cart
</a>
```

JavaScript

```
$( "a[data-transclude]" ).each( function(i, link) {
  $( "<div />" ).load(link.href, function(data, status, xhr) {
    $(link).replaceWith( this );
  });
});
```

<https://github.com/ewolff/SCS-jQuery>

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Beispiel

<https://crimson-portal.herokuapp.com/>

Fazit

Fazit

- › Links & Redirects
- › Transklusion
 - › Serverseitig für Hauptinhalte
 - › Clientseitig für Optionales

Danke!

Fragen?

Kommentare?

Michael Vitz |  @michaelvitz

michael.vitz@innoq.com

<https://www.innoq.com/de/talks/2017/10/jcon-2017-modulare-microservice-uis/>