

**Faster websites with
AJAX and REST
architecture**

Optimera STHLM

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■ netlight



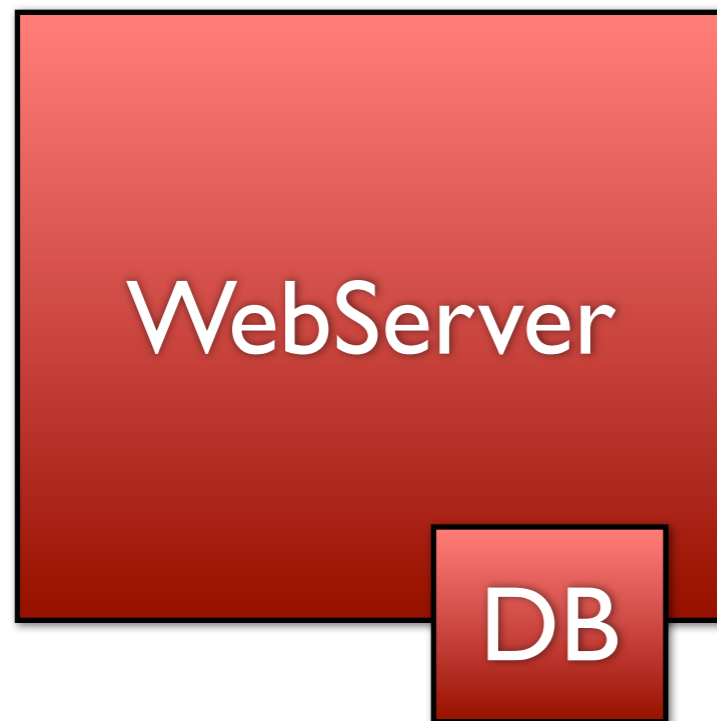
AFTONBLADET



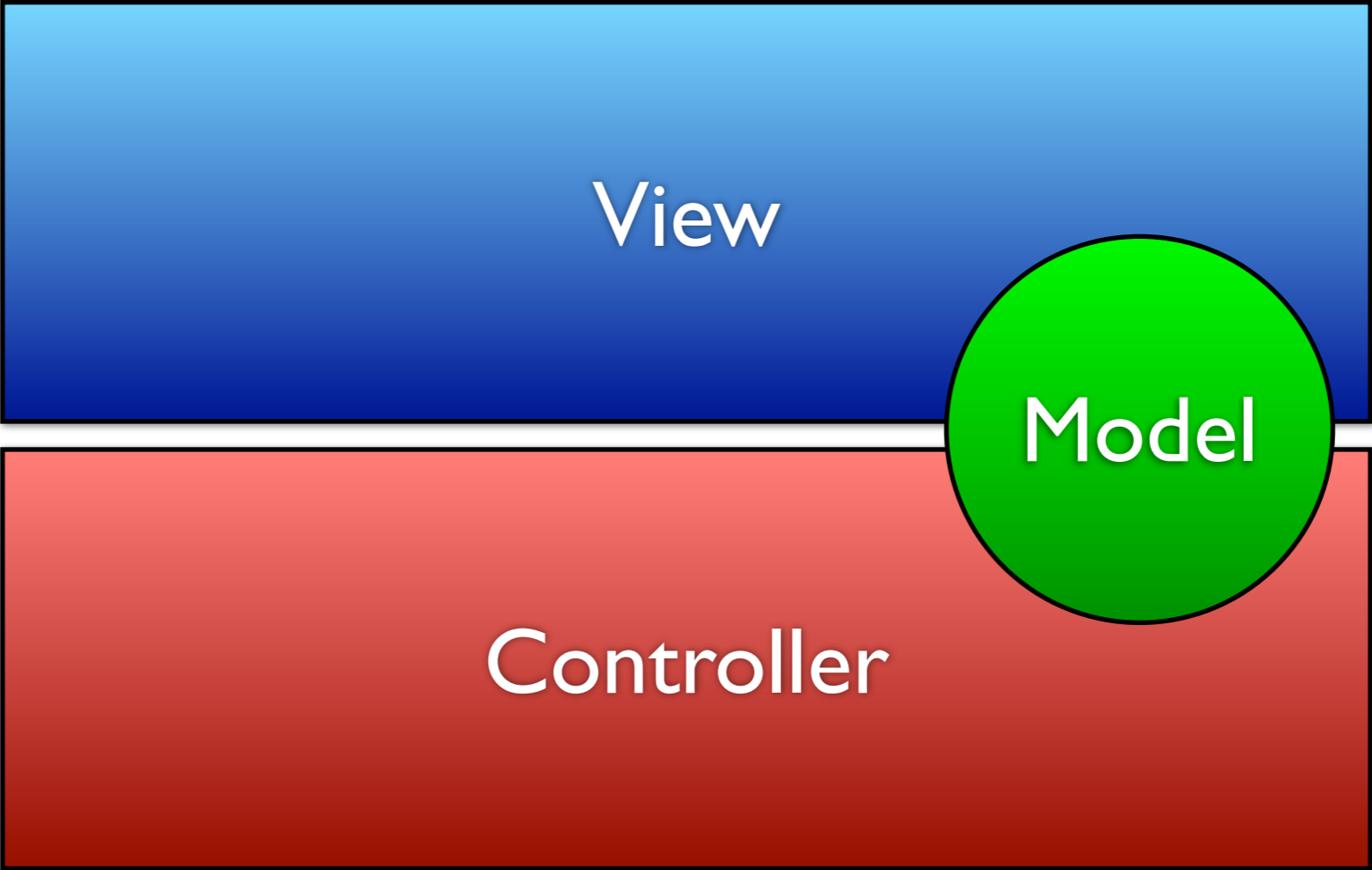


```
<a href="#"  
  onclick="globalPollution();"   
  style="font-size: 666px">
```

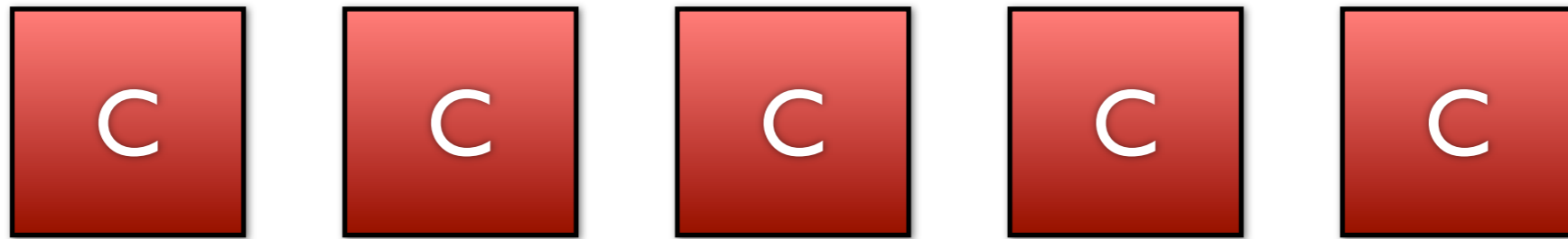
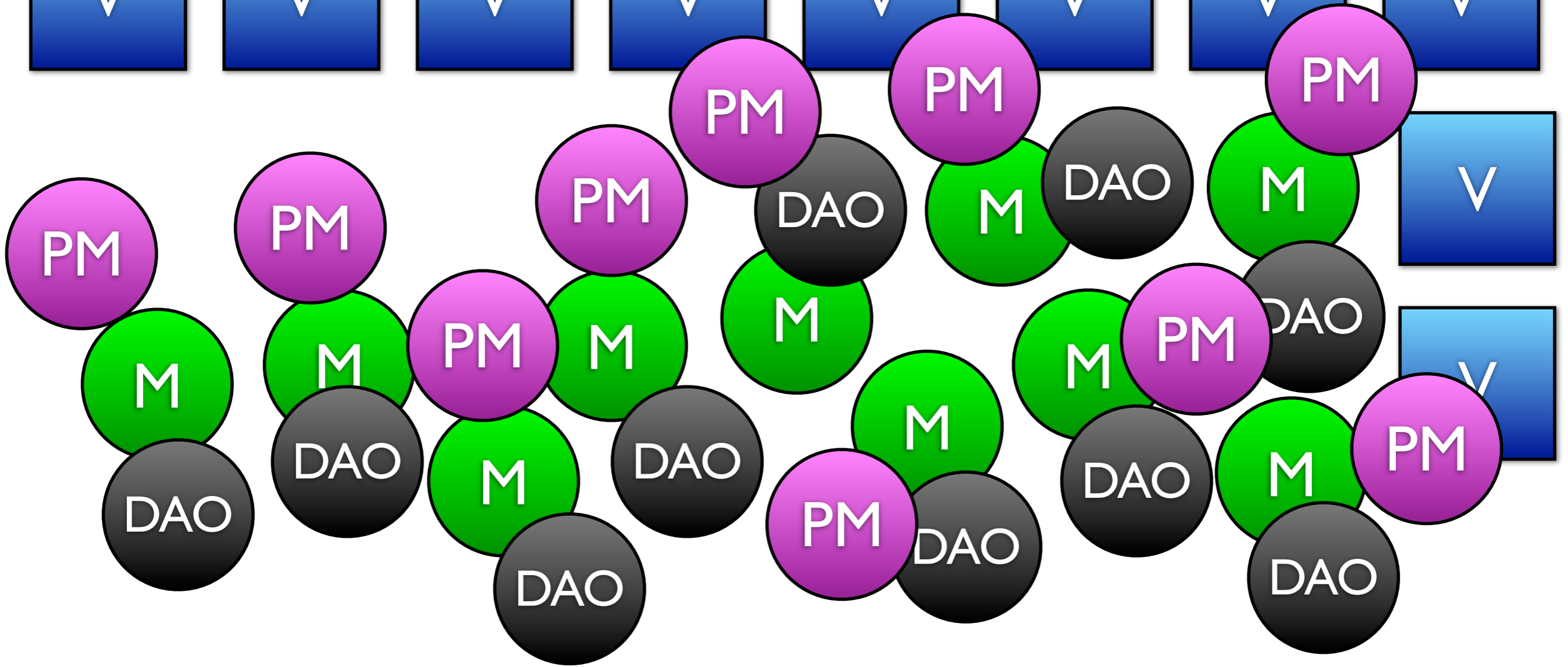
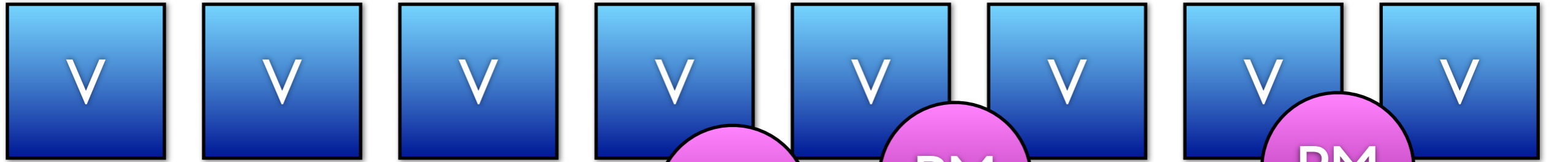

Ugly



Maybe MVC...? Or worse...



2001?



Ok... then what?

Separation of concerns

**Put the presentation
logic in the browsern**

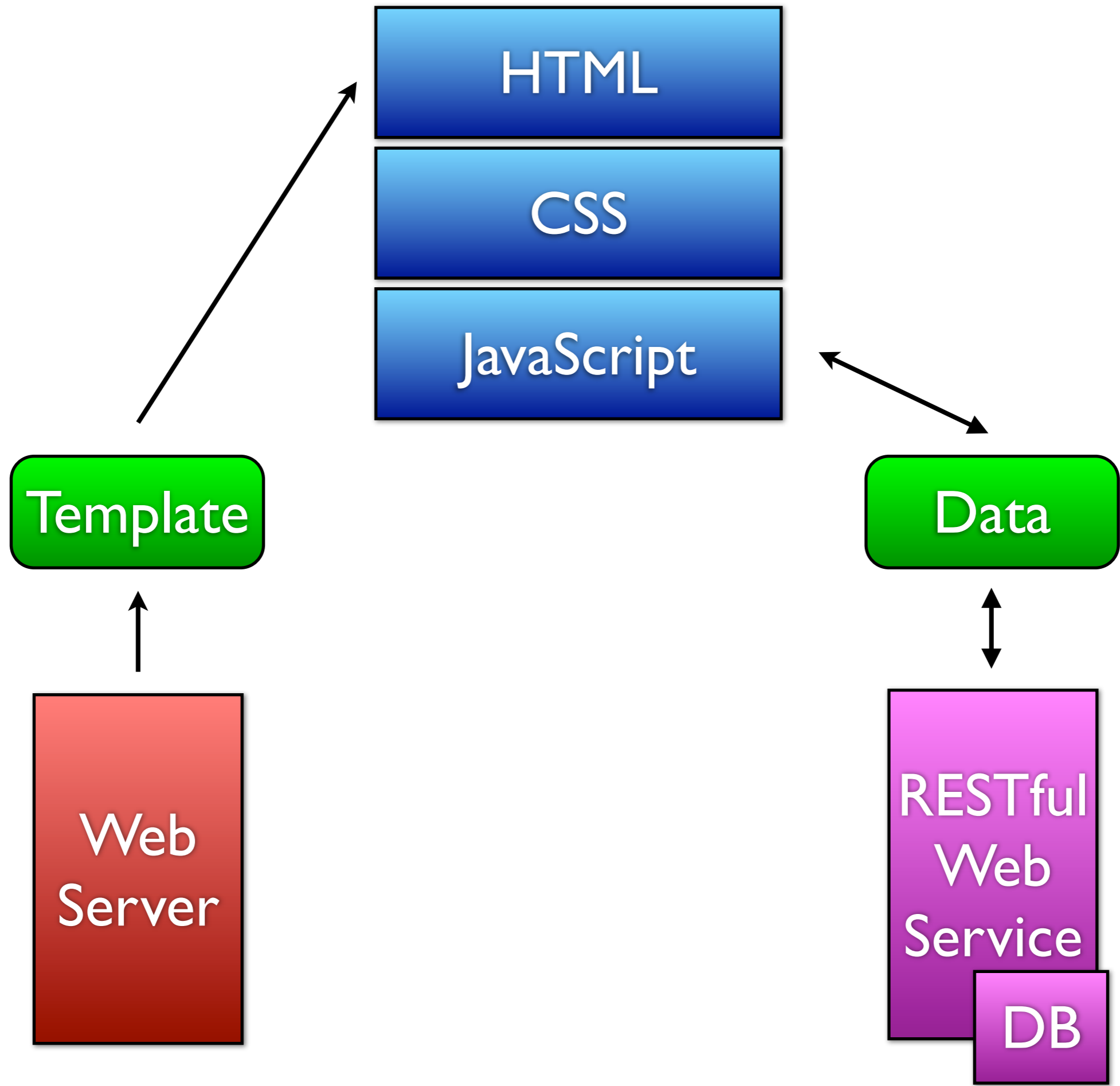
**Separate data from
application flow**

AJAX + REST

Simple architecture

Flexible architecture

Faster web sites



Template?

The fundamentalist way...

```
<!DOCTYPE html>
<html>
<head>
  <title>ThinServer</title>
  <script src="bootstrap.js"></script>
</head>
<body>
</body>
</html>
```

REST

Representational State Transfer

**No bullshit web
services!**

HTTP

<http://server.com/item/17/>

XML

JSON

AJAX

XMLHttpRequest

```
// get XHR object (older IE needs workaround)
var xhr = new XMLHttpRequest();

xhr.open('GET', '/item/17/', true);
xhr.onreadystatechange = function(event) {
    if (xhr.readyState == 4) {
        if (xhr.status == 200) {
            console.log(xhr.responseText);
        } else {
            console.log("Fail");
        }
    }
};

// initiate request
xhr.send(null);
```

Same Domain Policy

JSONP

```
callback ({ "data": [1, 2, 3] });
```

```
<script type="text/javascript"  
  src="http://d.com/item/17/?callback=callback">  
</script>
```

Mobile

Data

RESTful
Web Service

Enterprise SOA

NoSQL

Queue Buses Consumers

One more thing...

▼ annons

BONUSSPEL, JACKPOT OCH ÄKTA DIAMANTER VARJE VECKA!



document.write is evil

Friendly IFrame

(demo of ad loading during presentation,
see URL instead)

[http://blogg.aftonbladet.se/dev/2010/06/aftonbladet-pa-
optimera-sthlm](http://blogg.aftonbladet.se/dev/2010/06/aftonbladet-pa-
optimera-sthlm)

<http://blogg.aftonbladet.se/dev/>



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