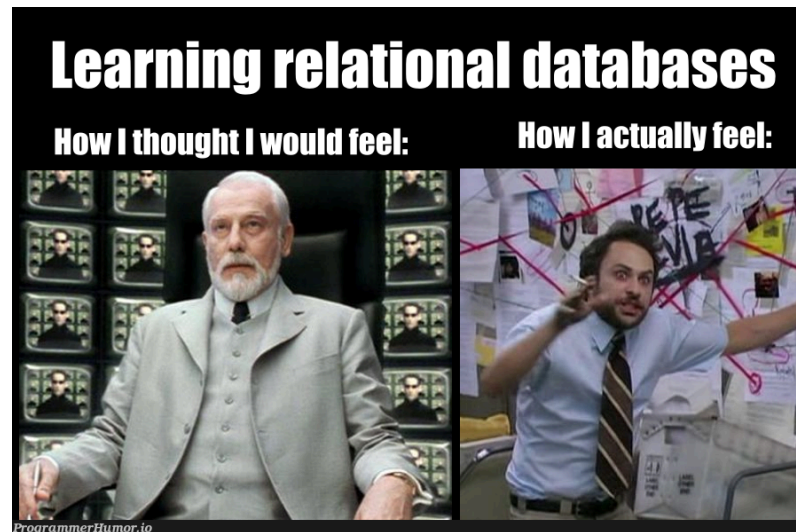


# DATENBANKEN

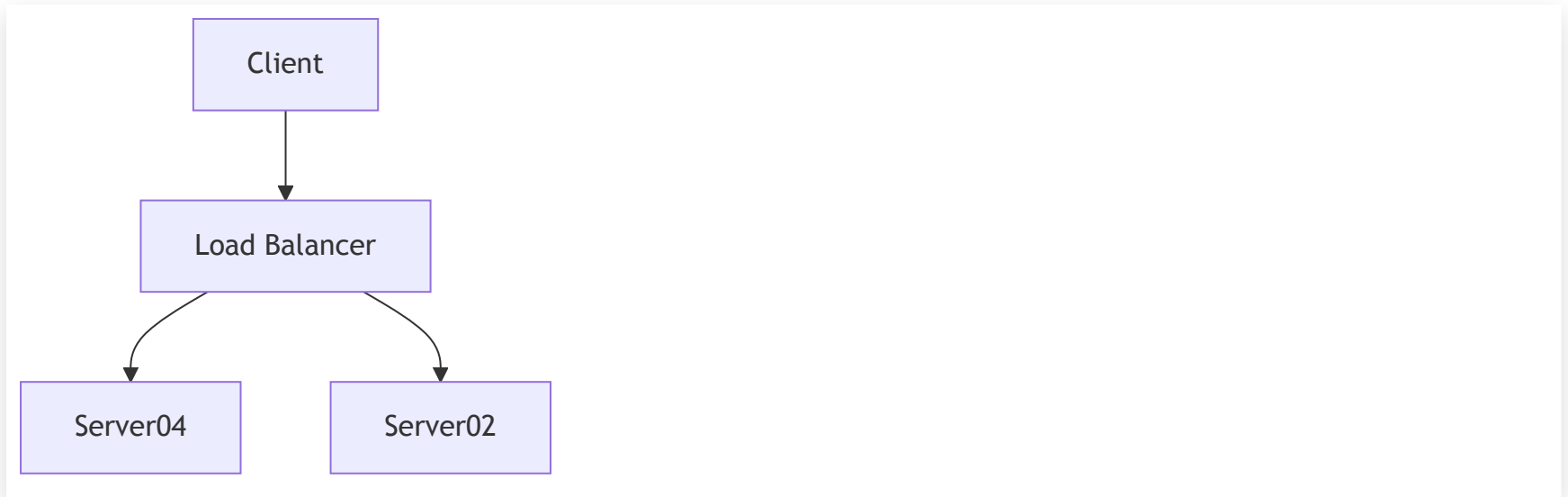


# SEMESTERPLAN

- Theorie
- Prüfung
- Praxis
- Projekt

# HELLO THERE

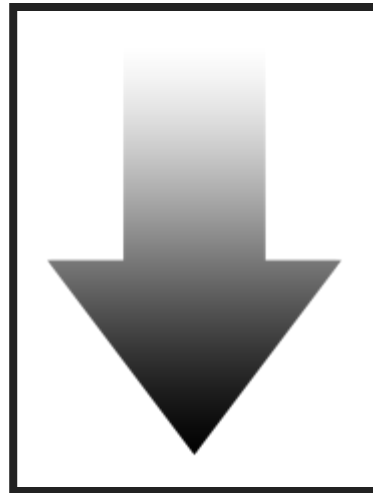
reveal.js enables you to create beautiful interactive slide decks using HTML. This presentation will show you examples of what it can do.



# VERTICAL SLIDES

Slides can be nested inside of each other.

Use the *Space* key to navigate through all slides.

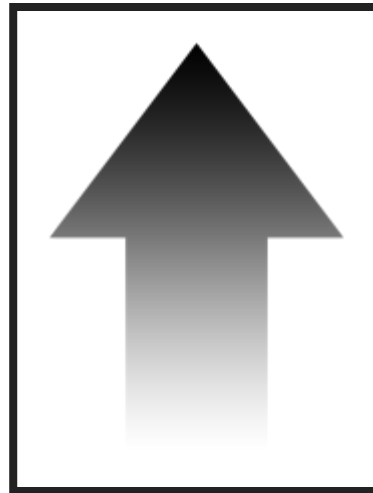


# **BASEMENT LEVEL 1**

Nested slides are useful for adding additional detail underneath a high level horizontal slide.

# **BASEMENT LEVEL 2**

That's it, time to go back up.



# SLIDES

Not a coder? Not a problem. There's a fully-featured visual editor for authoring these, try it out at <https://slides.com>.

# PRETTY CODE

```
1 import React, { useState } from 'react';
2
3 function Example() {
4   const [count, setCount] = useState(0);
5
6   return (
7     ...
8   );
9 }
```

Code syntax highlighting courtesy of [highlight.js](https://highlightjs.org/).



# WITH ANIMATIONS

```
1 import React, { useState } from 'react';
2
3 function Example() {
4   const [count, setCount] = useState(0);
5
6   return (
7     <div>
8       <p>You clicked {count} times</p>
9       <button onClick={() => setCount(count + 1)}>
10         Click me
11       </button>
12     </div>
13   );
14 }
15
```

# WITH ANIMATIONS

```
1 import React, { useState } from 'react';
2
3 function Example() {
4   const [count, setCount] = useState(0);
5
6   return (
7     <div>
8       <p>You clicked {count} times</p>
9       <button onClick={() => setCount(count + 1)}>
10         Click me
11       </button>
12     </div>
13   );
14 }
15
```

# WITH ANIMATIONS

```
10      Click me
11      </button>
12  </div>
13  );
14 }
15
16 function SecondExample() {
17   const [count, setCount] = useState(0);
18
19   return (
20     <div>
21       <p>You clicked {count} times</p>
22       <button onClick={() => setCount(count + 1)}>
23         Click me
24       </button>
```

# WITH ANIMATIONS

```
13   );  
14 }  
15  
16 function SecondExample() {  
17   const [count, setCount] = useState(0);  
18  
19   return (  
20     <div>  
21       <p>You clicked {count} times</p>  
22       <button onClick={() => setCount(count + 1)}>  
23         Click me  
24       </button>  
25     </div>  
26   );  
27 }
```

# POINT OF VIEW

Press **ESC** to enter the slide overview.

Hold down the **alt** key (**ctrl** in Linux) and click on any element to zoom towards it using [zoom.js](#). Click again to zoom back out.

(NOTE: Use ctrl + click in Linux.)

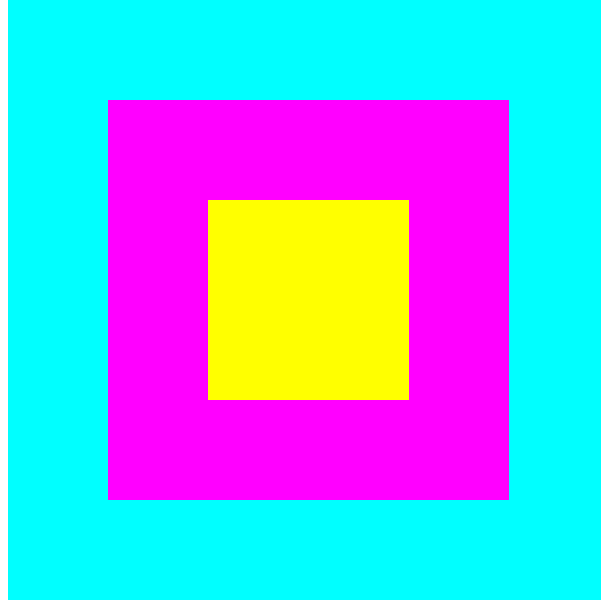
# AUTO-ANIMATE

Automatically animate matching elements across slides with [Auto-Animate](#).





**AUTO-ANIMATE**



**AUTO-ANIMATE**



# TOUCH OPTIMIZED

Presentations look great on touch devices, like mobile phones and tablets. Simply swipe through your slides.

# MARKDOWN SUPPORT

Write content using inline or external Markdown.  
Instructions and more info available in the [docs](#).

```
1 <section data-markdown>
2   ## Markdown Support
3
4   Write content using inline or external Markdown.
5   Instructions and more info available in the [docs](https://
6 </section>
```

# LIGHTBOX

Turn any element into a **lightbox** using **data-preview-image** & **data-preview-video**.

```

```



```

```



Add the `r-fit-text` class to auto-size text

**FIT TEXT**

# FRAGMENTS

Hit the next arrow...

# FRAGMENTS

Hit the next arrow...

... to step through ...

# FRAGMENTS

Hit the next arrow...

... to step through ...

... a

# FRAGMENTS

Hit the next arrow...

... to step through ...

... a fragmented



# FRAGMENTS

Hit the next arrow...

... to step through ...

... a fragmented slide.

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right,

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up,

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down,

Highlight red blue green



# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

fade-in-then-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

fade-in-then-semi-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

fade-in-then-semi-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

fade-in-then-semi-out

Highlight red blue green

# FRAGMENT STYLES

There's different types of fragments, like:

grow

shrink

fade-right, up, down, left

fade-in-then-semi-out

Highlight red blue green

# TRANSITION STYLES

You can select from different transitions, like:

None - Fade - Slide - Convex - Concave - Zoom

# THEMES

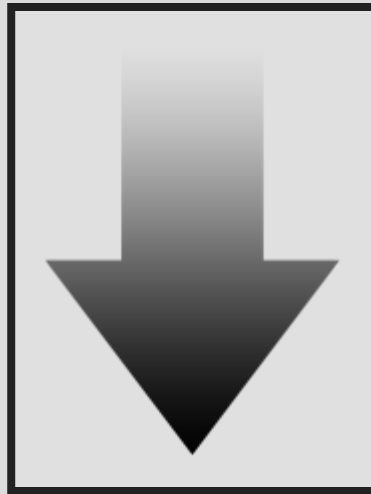
reveal.js comes with a few themes built in:

Black (default) - White - League - Sky - Beige - Simple  
Serif - Blood - Night - Moon - Solarized



# SLIDE BACKGROUNDS

Set `data-background="#dddddd"` on a slide to change the background color. All CSS color formats are supported.



# GRADIENT BACKGROUNDS

```
<section data-background-gradient=  
    "linear-gradient(to bottom, #ddd, #191919)">
```

# IMAGE BACKGROUNDS

```
<section data-background="image.png">
```

# TILED BACKGROUNDS

```
<section data-background="image.png" data-background-repeat="r
```



Text



Image



Shape



Iframe



Code

# VIDEO BACKGROUNDS

```
<section data-background-video="video.mp4,video.webm">
```



A man with a beard and short brown hair, wearing a white dress shirt and a striped tie, is seated at a desk. He has a wide-eyed, open-mouthed expression of shock or surprise, looking towards the left. In the foreground, the back of a person's head and shoulders are visible, wearing a dark blue jacket over a reddish-brown shirt. The background is a dark, out-of-focus office environment with a computer monitor visible on the right.

**... AND GIFS!**

# BACKGROUND TRANSITIONS

Different background transitions are available via the `backgroundTransition` option. This one's called "zoom".

```
Reveal.configure({ backgroundTransition: 'zoom' })
```

# BACKGROUND TRANSITIONS

You can override background transitions per-slide.

```
<section data-background-transition="zoom">
```



## IFRAME BACKGROUNDS

Since reveal.js runs on the web, you can easily embed other web content. Try interacting with the page in the background.

# MARVELOUS LIST

- No order here
- Or here
- Or here
- Or here

# FANTASTIC ORDERED LIST

1. One is smaller than...
2. Two is smaller than...
3. Three!

# TABULAR TABLES

Item	Value	Quantity
Apples	\$1	7
Lemonade	\$2	18
Bread	\$3	2

# CLEVER QUOTES

These guys come in two forms, inline: *“The nice thing about standards is that there are so many to choose from”* and block:

*“For years there has been a theory that millions of monkeys typing at random on millions of typewriters would reproduce the entire works of Shakespeare. The Internet has proven this theory to be untrue.”*

# INTERGALACTIC INTERCONNECTIONS

You can link between slides internally, [like this](#).

# SPEAKER VIEW

There's a [speaker view](#). It includes a timer, preview of the upcoming slide as well as your speaker notes.

Press the S key to try it out.

# EXPORT TO PDF

Presentations can be [exported to PDF](#), here's an example:





# GLOBAL STATE

Set `data-state="something"` on a slide and `"something"` will be added as a class to the document element when the slide is open. This lets you apply broader style changes, like switching the page background.

# STATE EVENTS

Additionally custom events can be triggered on a per slide basis by binding to the `data-state` name.

```
Reveal.on( 'customevent', function() {  
  console.log( '"customevent" has fired' );  
} );
```

# TAKE A MOMENT

Press B or . on your keyboard to pause the presentation. This is helpful when you're on stage and want to take distracting slides off the screen.

# MUCH MORE

- Right-to-left support
- Extensive JavaScript API
- Auto-progression
- Parallax backgrounds
- Custom keyboard bindings

# THE END

- Try the online editor
- Source code & documentation