



# THE HTML PRESENTATION FRAMEWORK

Created by [Hakim El Hattab](#) and [contributors](#)

# 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/).

# EVEN PRETTIER 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
16 function SecondExample() {
17   const [count, setCount] = useState(0);
```



# POINT OF VIEW

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

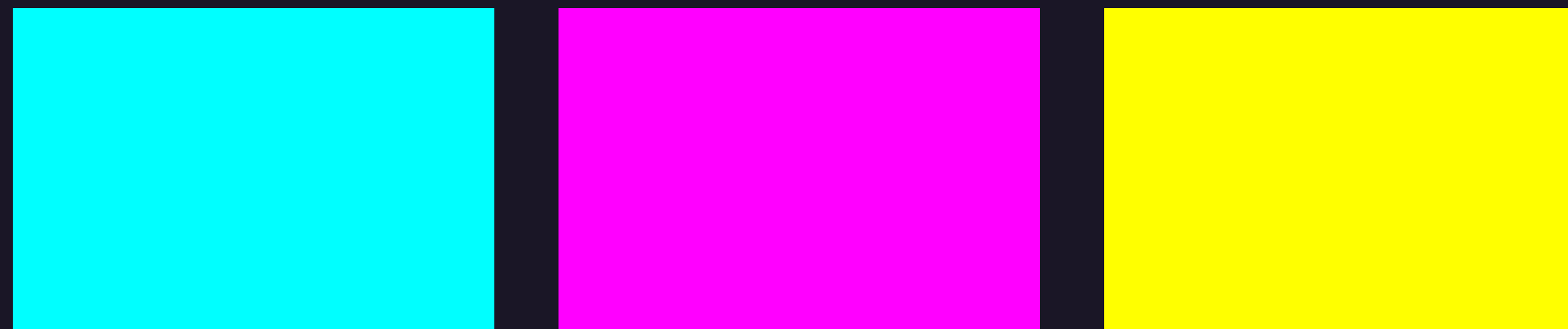
Hold down the **alt** key (**ctrl** in Linux) and click on any element to zoom towards it using **zoom.js**. Click again to zoom back out.

(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.



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

**FIT TEXT**

# FRAGMENTS

Hit the next arrow...

... to step through ...

... a fragmented slide.



# 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

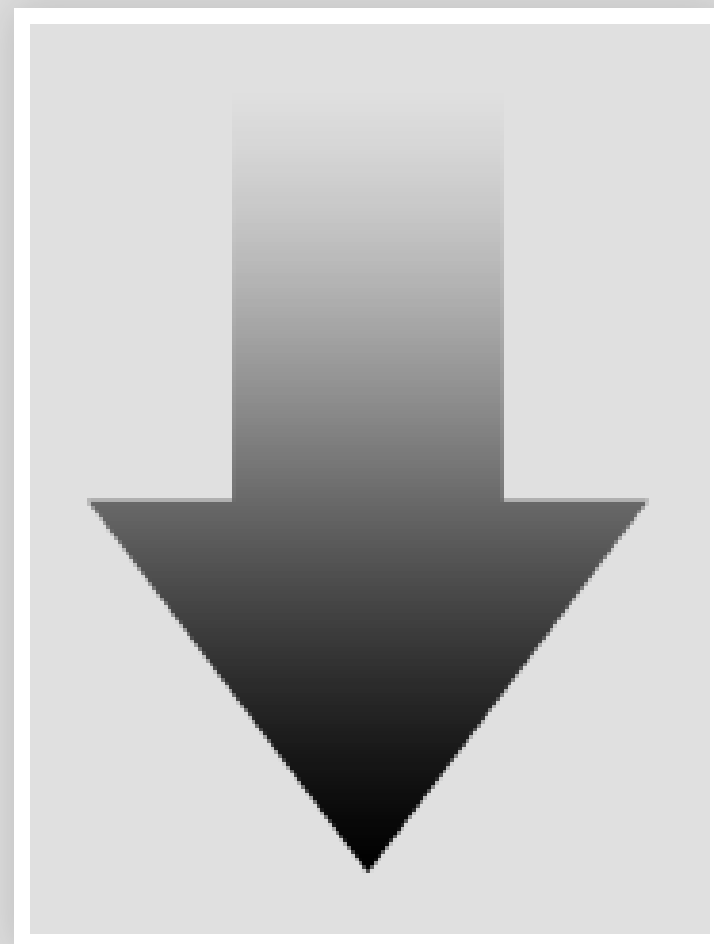
# TRANSITION STYLES

You can select from different transitions, like:

None - Fade - Slide - Convex - Concave - Zoom

# SLIDE BACKGROUNDS

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



# IMAGE BACKGROUNDS

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

# TILED BACKGROUNDS

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

ALIGNMENT



SCALE

6

COLOR

BACKGROUND COLOR

Y

NG

R


IS



# VIDEO BACKGROUNDS

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



A man in a white dress shirt and a striped tie is sitting at a desk, holding a small brown bird in his hands. He has a wide-eyed, open-mouthed expression of surprise or excitement. To his left, the back of another person's head and shoulders, wearing a brown jacket, is visible. The background is a dark, out-of-focus office setting.

... 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">
```



Hey.

I'm Hakim El Hattab, a Swedish front end developer and interface designer. I co-founded and am working on **Slides ++**.

I love to experiment with graphics and interactivity. Take a look at some of my favorite projects:

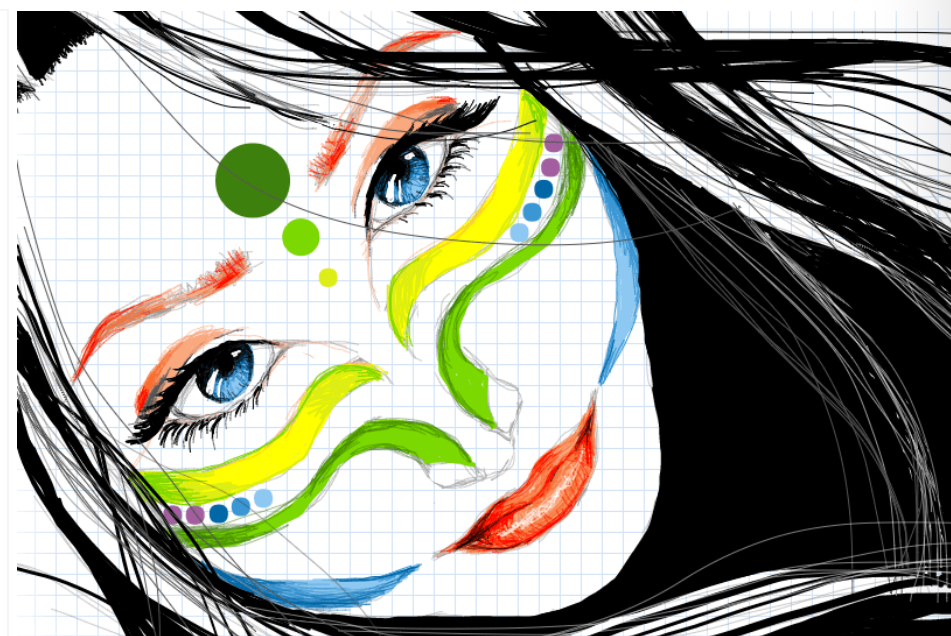
## IFRAME BACKGROUNDS

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

Name

Email

Password



Intro

- Developer Mode
  - Edit HTML
  - Element Classes
  - Slide Classes
  - Export HTML
- CSS Editor
  - Custom Fonts
  - Developer Mode
  - Examples

To enable the developer mode open the editor settings in the bottom left corner:

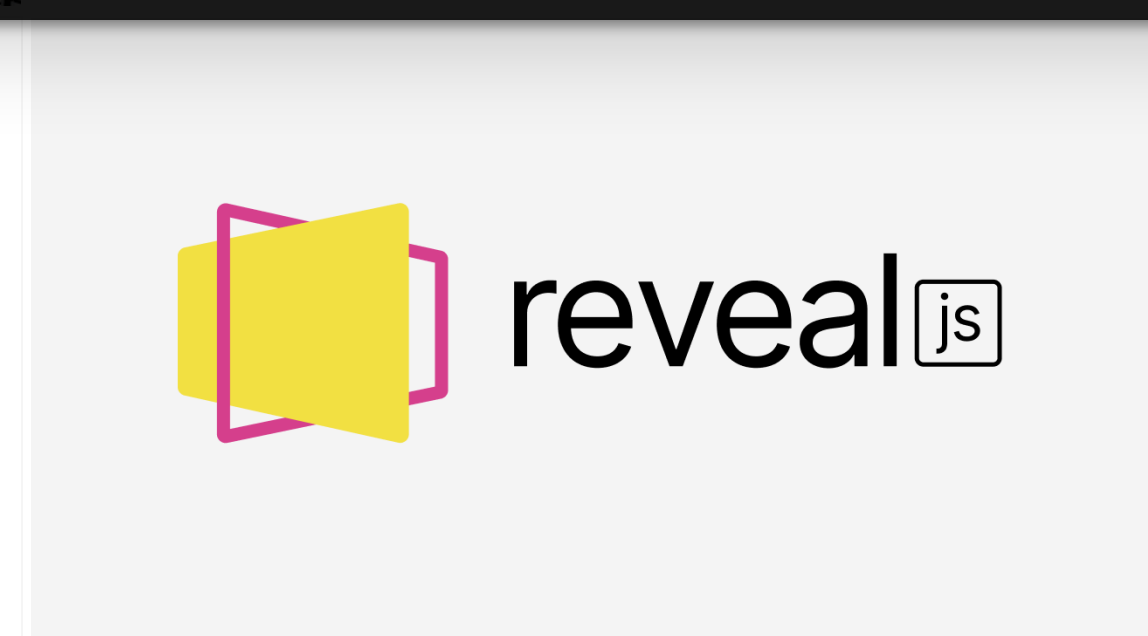
### Editing HTML

The per-slide HTML editor can be accessed from the slide options area. It gives you raw access to the current slide's HTML, allowing you to change anything you like. Note that some elements, such as `<script>` and `<link>`, are not allowed for security reasons.

Element Classes [\(Requires Pro\)](#)

As a paying Slides customer you have access to

|  |   |  |
|--|---|--|
| <p>expand-left</p> <input type="submit" value="Submit"/> | <p>expand-right</p> <input type="submit" value="Submit"/>     | <p>expand-up</p> <input type="submit" value="Submit"/> |
| <p>contract</p> <input type="submit" value="Submit"/>    | <p>contract-overlay</p> <input type="submit" value="Submit"/> | <p>zoom-in</p> <input type="submit" value="Submit"/>   |



My work consists of a healthy mix of useful interface

# 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