SEAL

This is a light weight Scroll Effect Animation Library.

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Introduction

https://www.npmjs.com/package/yb-seal

In today's fast-paced digital world, creating captivating animations on websites has become an essential aspect of designing user-friendly and engaging websites. To make the task easier, I am proud to introduce SEAL - Scroll Effect Animation Library. SEAL is a lightweight and performance-focused animation library that lets you animate elements on your website based on user's scroll.

SEAL was created to provide a solution for animating elements upon scroll that is lightweight, performance-focused and easy to use. The library is written in Typescript and compiled to JavaScript, making it highly compatible with different development environments and web platforms. With a size of only 2.8 kb, it is an excellent choice for developers who want to make their websites more dynamic without sacrificing performance.

SEAL is based on DOM objects, which gives it amazing performance when it comes to checking the presence of an element in the viewport. With SEAL, you can easily implement scroll-based animations on your website or application. This is a powerful and easy-to-use scroll effect animation library for web developers. It provides a variety of animations that can be applied to elements on a website, allowing users to create unique and engaging user experiences. Whether you're an experienced web developer or just starting out, SEAL makes it easy to add animations to your website in just a few lines of code.

FEATURES

- **LIGHTWEIGHT AND FAST**
- **CROSS-BROWSER COMPATIBLE**
- **NO DEPENDENCIES**
- **CUSTOMIZABLE**
- **COMES WITH A VARIETY OF ANIMATIONS**

INSTALL

```
# USAGE WITH NPM
npm install yb-seal

# ADD BELOW LINE IN ANGULAR.JSON FILE UNDER SCRIPTS ARRAY
"node_modules/yb-seal/src/index.js"

# ADD BELOW LINE IN ANGULAR.JSON FILE UNDER STYLES ARRAY
"node_modules/yb-seal/src/yb-seal.css"
```

DEMO

https://yashwanthbyalla.github.io/yb-seal-demo/

ANIMATIONS

SEAL provides several animations that you can use to create dynamic and engaging effects on your website. The following is a list of the available animations:

- yb-seal-slide-up
- yb-seal-slide-down
- yb-seal-slide-right
- yb-seal-slide-left
- yb-seal-zoom-in
- yb-seal-zoom-out
- yb-seal-flip-left
- yb-seal-flip-right
- yb-seal-flip-up
- yb-seal-flip-down

POSSIBLE VALUES FOR SEAL TIMING

- ease - specifies a transition effect with a slow start, then fast, then end slowly (this is default)
- ease-in - specifies a transition effect with a slow start
- ease-out - specifies a transition effect with a slow end
- ease-in-out - specifies a transition effect with a slow start and end
- linear - specifies a transition effect with the same speed from start to end
- yb-seal-timing-width - It can be any number which upon hovering the element should be assigned with

Usage

In HTML, you can add a yb-seal class to the elements you want to animate and specify the animation name. For example, the following code will animate a div element with the slide-right animation:

```
<div class="yb-seal yb-seal-slide-right"></div>
```

Options

SEAL provides several options that let you customize the animation's duration, delay, and timing functions. You can use the following attributes to control the animation:

- **yb-seal-duration**: changes the duration of the animation. The value should be entered in seconds.

```
<div class="yb-seal yb-seal-slide-right" yb-seal-duration="2"></div>
```

- **yb-seal-delay:** delays the animation for a transition effect. The value should be entered in seconds.

```
<div class="yb-seal yb-seal-slide-right" yb-seal-delay="2"></div>
```

- **yb-seal-timing**: specifies the speed curve of the transition effect. The possible values are: ease, ease-in, ease-out, ease-in-out, linear.

- **yb-seal-timing-width**: It can be any number that upon hovering the element should be assigned with.

```
<div class="yb-seal" yb-seal-timing="ease" yb-seal-timing-width="500"></div>
```

CONCLUSION

SEAL - Scroll Effect Animation Library is an excellent solution for animating elements on your website based on user's scroll. With its lightweight, performance-focused design it is an excellent choice for developers looking to make their websites more dynamic and engaging.

Give SEAL a try today and see the difference it can make for your website!