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# Scroll Stack

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## Install

[CLI](#) [Manual](#)

```
pnpm npm yarn bun
npm install lenis
```

## Usage (with your settings)

```
1 import ScrollStack, { ScrollStackItem } from './ScrollStack'
2
3 <ScrollStack>
4   <ScrollStackItem>
5     <h2>Card 1</h2>
6     <p>This is the first card in the stack</p>
7   </ScrollStackItem>
8   <ScrollStackItem>
9     <h2>Card 2</h2>
10    <p>This is the second card in the stack</p>
11  </ScrollStackItem>
12  <ScrollStackItem>
13    <h2>Card 3</h2>
14    <p>This is the third card in the stack</p>
15  </ScrollStackItem>
16 </ScrollStack>
```

## Code

[JS JavaScript](#) [CSS CSS](#)

```
1 import { useLayoutEffect, useRef, useCallback } from 'react';
2 import Lenis from 'lenis';
3 import './ScrollStack.css';
4
5 export const ScrollStackItem = ({ children, itemClassName = '' }) => (
6   <div className={`${'scroll-stack-card '}${itemClassName}`.trim()}>{children}</div>
7 );
8
9 const ScrollStack = ({
10   children,
11   className = '',
12   itemDistance = 100,
13   itemScale = 0.03,
14   itemStackDistance = 30,
15   stackPosition = '20%',
16   scaleEndPosition = '10%',
17   baseScale = 0.85,
18   scaleDuration = 0.5,
19   rotationAmount = 0,
20   blurAmount = 0,
```

[Expand Snippet](#)

## CSS

```
1 .scroll-stack-scroller {
2   position: relative;
3   width: 100%;
4   height: 100%;
5   overflow-y: auto;
6   overflow-x: visible;
7   overscroll-behavior: contain;
8   -webkit-overflow-scrolling: touch;
9   scroll-behavior: smooth;
10  -webkit-transform: translateZ(0);
11  transform: translateZ(0);
12  will-change: scroll-position;
13 }
14
15 .scroll-stack-inner {
16   padding: 20vh 5rem 50rem;
17   min-height: 100vh;
18 }
19
20 .scroll-stack-card-wrapper {
```

[Expand Snippet](#)

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