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How to define css variables in s

Asked 1 year, 3 months ago Active 6 months ago

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I want to define jsx like this:

```
<table style={{'--length': array.lenght
   <tbody>
      <tr>{array}</tr>
   </tbody>
</table>
```

and I use --length in css, I also have cells that have --count that shows count using css pseudo selector (using counter hack).

but typescript show error:

```
TS2326: Types of property 'style' are incompatible.
  Type '{ '--length': number; }' is not assignable to type 'CSSProperties'.
    Object literal may only specify known properties, and ''--length'' does not exist in
type 'CSSProperties'.
```

is it possible to change type of style attribute to accept css variable (custom properties) or is there a way to force any on style object?

reactjs typescript jsx tsx

asked Aug 24 '18 at 13:00

jcubic

45.7k ● 36 ● 145 ● 257

why do you want css variables ? Because you cannot use CSS variables in style tag. It accepts CSS properties only. You can create a variable like this `const length = array.length` and use that `length` in css ? – Kyaw Siesein Aug 24 '18 at 13:17

i believe this is discussed here github.com/facebook/react/issues/6411 – SGhaleb Aug 24 '18 at 13:27

@SGhaleb I've seen this, in my code css variables works they appear in DOM and css is applied, but they give error in webpack (it look like error but compile pass) when building the app, so it's the problem with typescript typings not with react. – jcubic Aug 24 '18 at 14:01

1 @KyawSiesein they problem with js variables is that you can't use them in `::before` and `::after`. – jcubic Aug 24 '18 at 14:03

3 Answers

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If you go to the definition of `CSSProperties`, you'll see:

```
export interface CSSProperties extends CSS.Properties<string | number> {
    /**
```

```
     * The index signature was removed to enable closed typing for style
     * using CSSType. You're able to us
     * to add properties or an index si
     *
     * For examples and more informatio
     * https://github.com/frenic/csstyp
     */
}
```

That link gives examples of how to solve
`Properties` in `csstype` or casting the pr

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Matt McCutchen
16.9k ● 13 ● 27

Thanks, Looks like exactly what I want, will try this out on Monday at work, was trying to use react boilerplate but it it's not up to date and it give me errors out of the box. – jcubic Aug 25 '18 at 7:54

1 Just tested second example, which looks simpler and it works. – jcubic Aug 27 '18 at 14:15

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Like this:

```
render(){
  var style = { "--my-css-var": 10 } as React.CSSProperties;
  return <div style={style}>...</div>
}
```

answered Jan 10 at 11:50

ixrock
201 ● 2 ● 4

2 I think that this is what I ended up after example in accepted answer, but straight answer is always better. – jcubic Jan 10 at 13:49

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You could add a type assertion to the variable. *i.e.* `{['--css-variable' as any]: value }`

```
<table style={{['--length' as any]: array.lenght}}>
   <tbody>
      <tr>{array}</tr>
   </tbody>
</table>
```

answered May 31 at 14:50

Carlos A. Cabrera
1,426 ● 11 ● 13

Thanks maybe will remember to upvote when will finally test this, I'm not able to test this right now, I don't have any React project laying around. – jcubic May 31 at 18:45

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