Let’s <teleport/> in DOM with Vue

Coimbatore JS Group, June ’24

$whoami

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- ➔ Worked with 9+ start-ups
- ➔ 4x Hackathon Winner
- ➔ 7x Hackathon Mentor/Judge
- ➔ I talk a LOT!

Today's Agenda

- What does a portal do?
- The thinking behind teleport
- How teleport solves the problem
- Details of teleport
- How it changes the DOM
- Benefits
- Other use cases
- QnA

What does a portal do?

Yes! Exactly...

A portal helps to teleport something from one to another place...

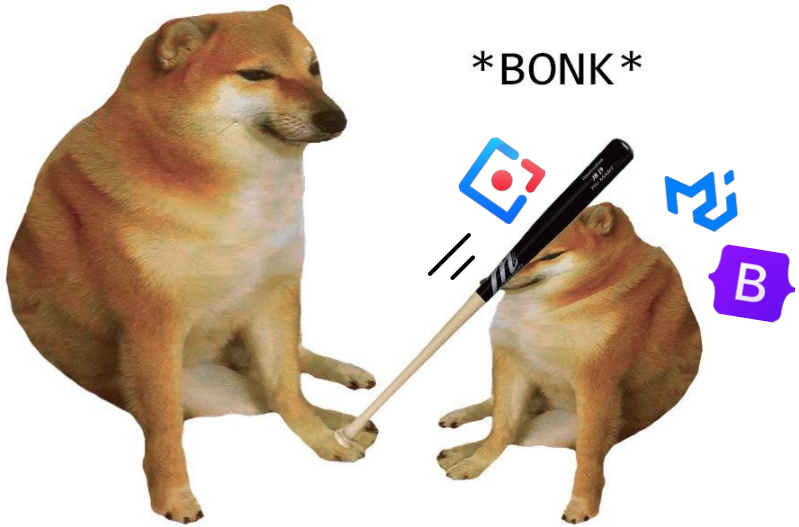
The thinking behind this...

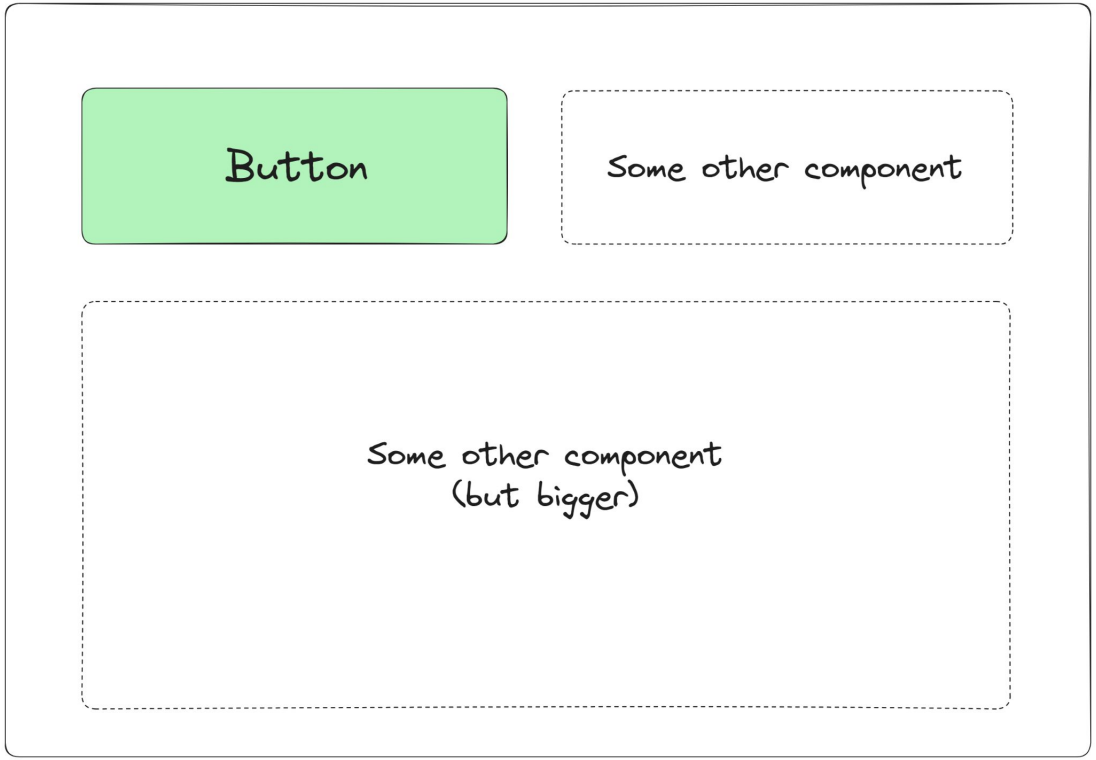
I asked AI...

A component-based framework is a way of building software applications by putting together pre-built, reusable blocks of code called components. These components are like Lego bricks for software development – they each have a specific function and can be snapped together to create more complex applications.

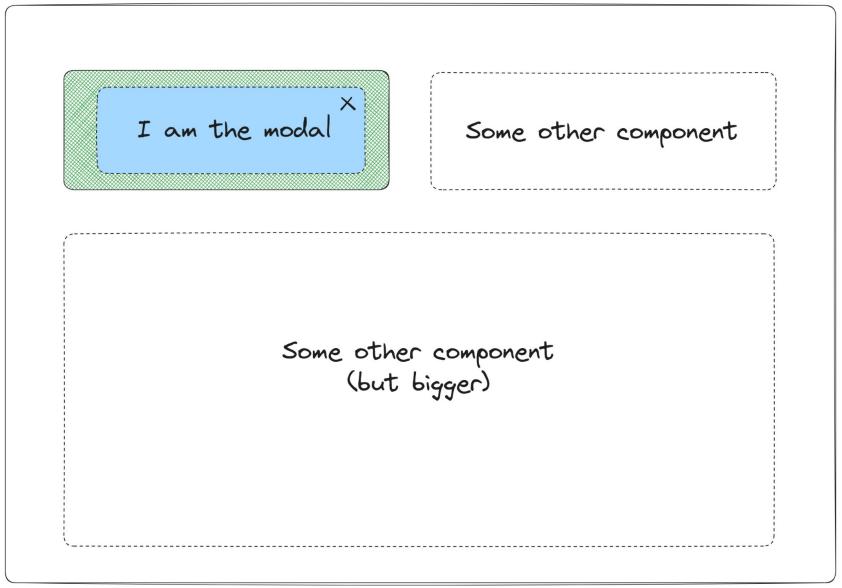
Now think of a modal!

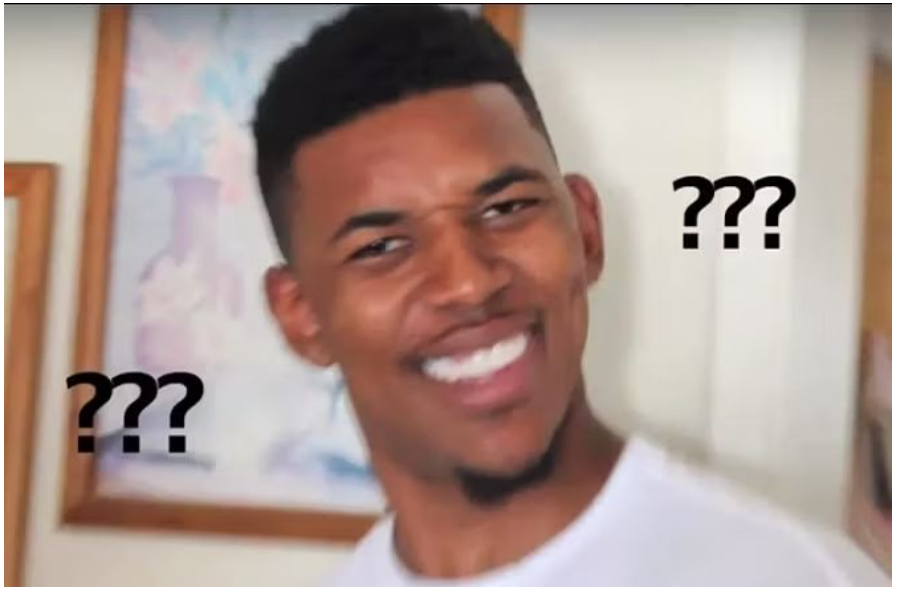
No, not a component library





The button will trigger the modal...


I am the modal
Some other component
Some other component
(but bigger)


???
???

Sometimes the best place for data is not the best place for rending

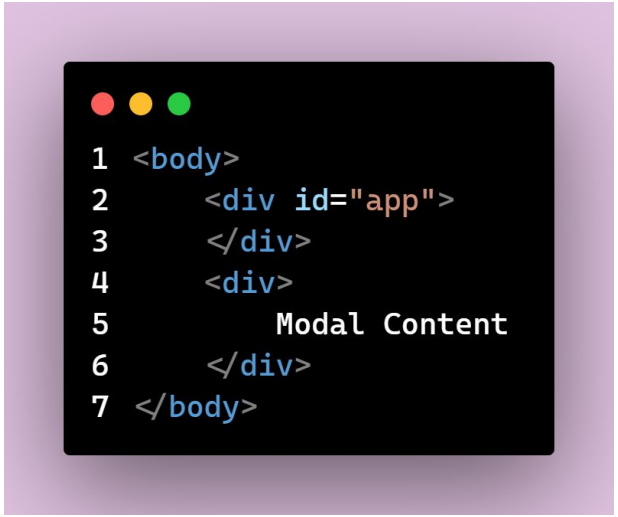
So the way to solve this...

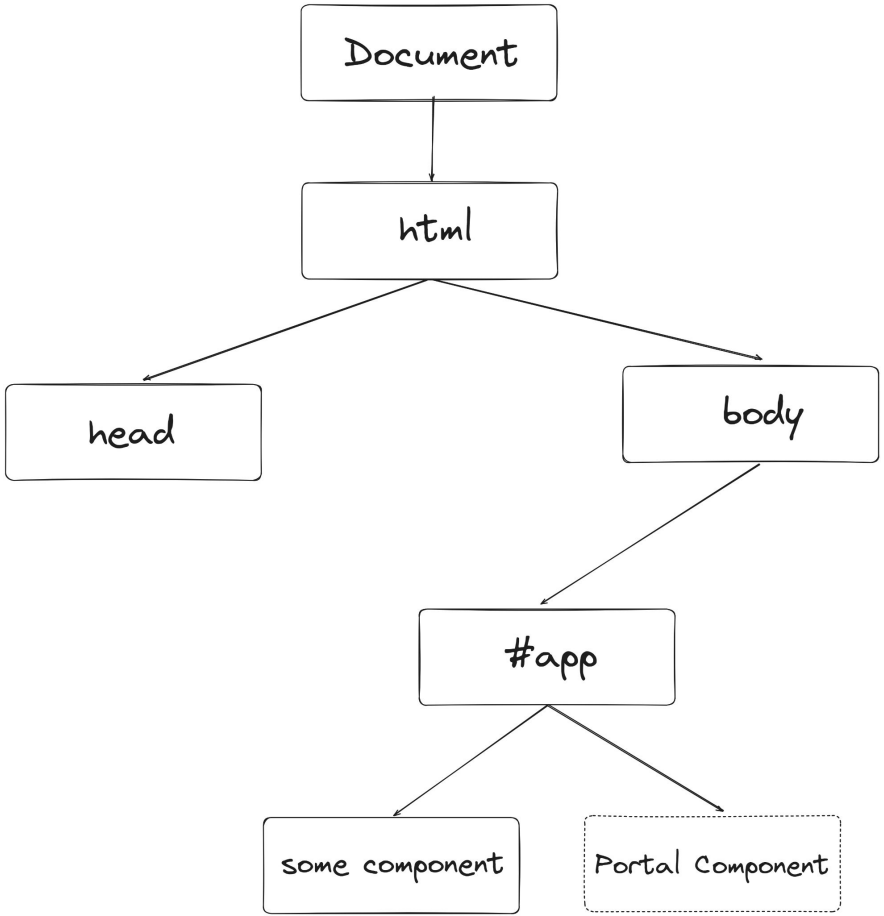
(Other than using z-index: 999999)

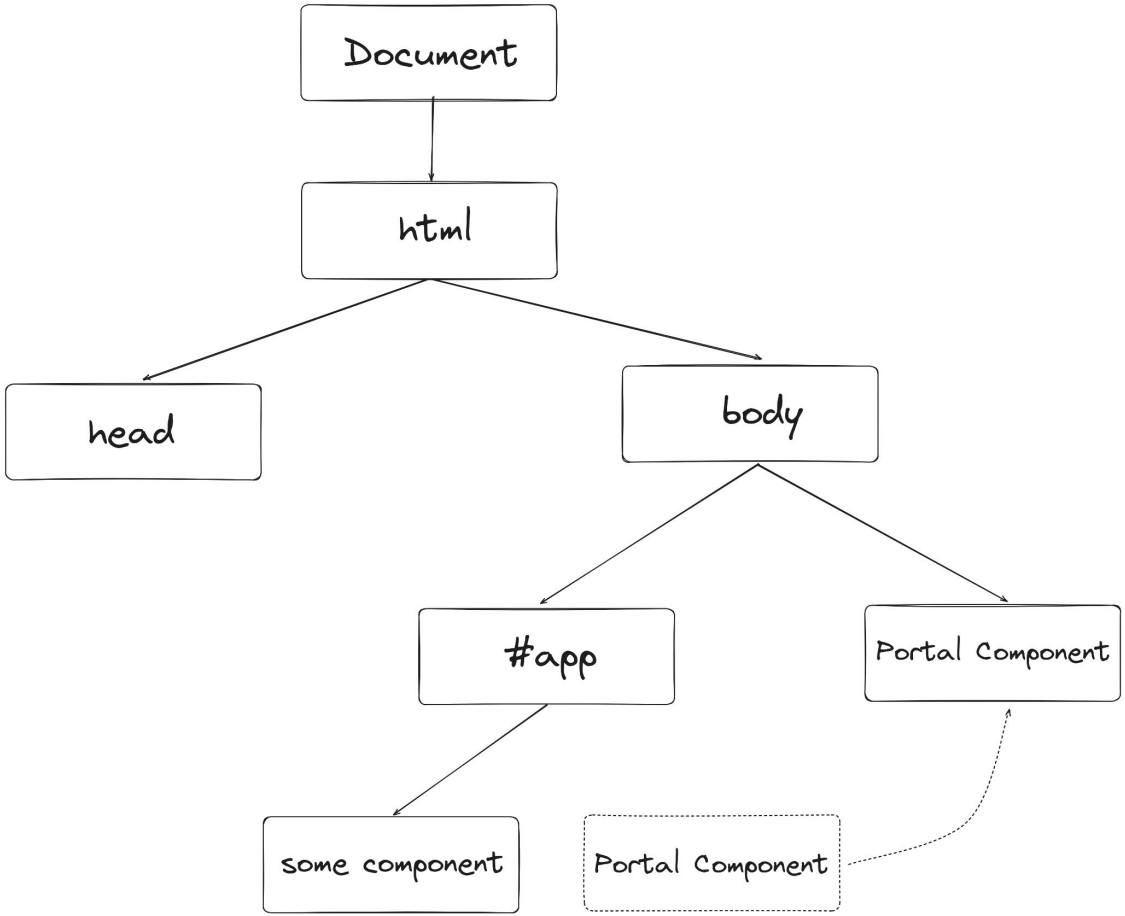
```
<teleport to="body">
    <div>
        Modal content
    </div>
</teleport>
```

- Built in component in Vue
- Only updates the rendered DOM
- Does not affect the logical hierarchy of the components
- Has two props - to, disabled
- to: CSS Selector
- disabled: to disable in special cases

1 <teleport to="body">
2
3 Modal content
4
5 </teleport>


1 <body>
2
3
4
5 Modal Content
6
7 </body>


Document
html
head
body
#app
some component
Portal Component


Document
html
head
body
#app
Portal Component
some component
Portal Component

Some benefits of teleport...

- Flexible Component Placement
- Separation of Concerns
- Enhanced Accessibility
- Optimized Performance

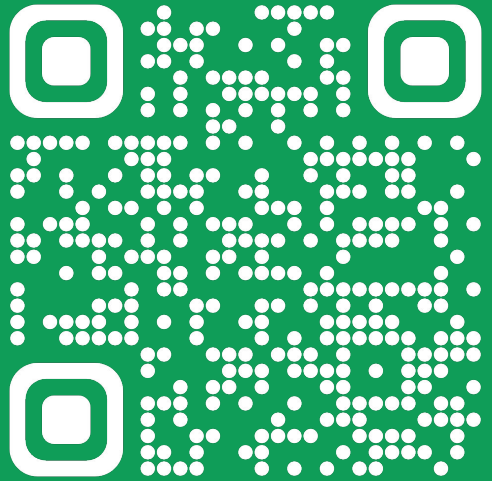
Other use cases

- Dialog box
- Notification/Alert
- Tooltips
- Popovers

Thanks for being awesome!

Any questions?

Scan here to
connect with me!



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