

Rachita Joshi
BitPay
@way2rach

Dissecting the architectural process of creating reusable components

“Less is more.”
– Ludwig Mies van der Rohe

Agenda

- Why think architecturally?
- How to think architecturally?

Why?

Time is money

- Save 'current you' anxiety
- Save 'future you' time

Makes you a better coder

How?

Scenario


You just got a mockup for a modal from the designer

Add datastore to host



Select a host where you want your datastore to be added.

Host

10.11.12.13 

CANCEL

ADD

Does something
similar already exist?

Yes

- Is it good enough?
- Does it require a refactor?
- Is it worth your time?

Multiple modal
components are present

4 existing modal components

- Small and closable
- Opens on user click
- Large and does not close
- Pops over on page load

Consolidate and generalize

- What are the possible variations of this modal?
- What are some future design tweaks?

Write them down

Result

Popover

```
<modal [(openOnLoad)]= "opened"  
  [isClosable]= "false"  
  [hasSize]= "small"  
  [backgroundIsPersistent]  
  = "true">
```

Small Modal

Persistent Modal

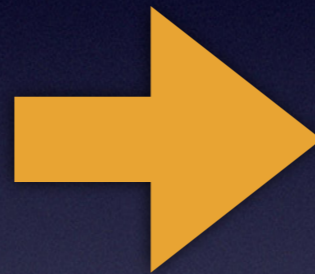
```
• • •  
</modal>
```

Small Modal

Popover

Persistent

Closable



1 Reusable Modal

Takeaways

- Think generic rather than specific
- Make it an everyday habit

Got inspired?

Clarity Design System

UX guidelines, HTML/CSS framework, and Angular components working together to craft exceptional experiences

GET STARTED

DOCUMENTATION

View the [source](#) on GitHub

Designed for designers and built for developers



Sketch Template



UX guidelines

Reference UX guidelines that



HTML/CSS

Start building with our



Angular

Use our set of data-bou