

- Zonos visit LUNCH ON WED.
- Intro to Vue
- Intro project
- Magic 8 Ball
- Directives review
- Converter calculator

To-Do: 6/12



What is Vue?

A JavaScript framework that makes building the frontend of a website easier and faster. It builds on top of JavaScript, HTML, and CSS.

- Angular / AngularJS
- React

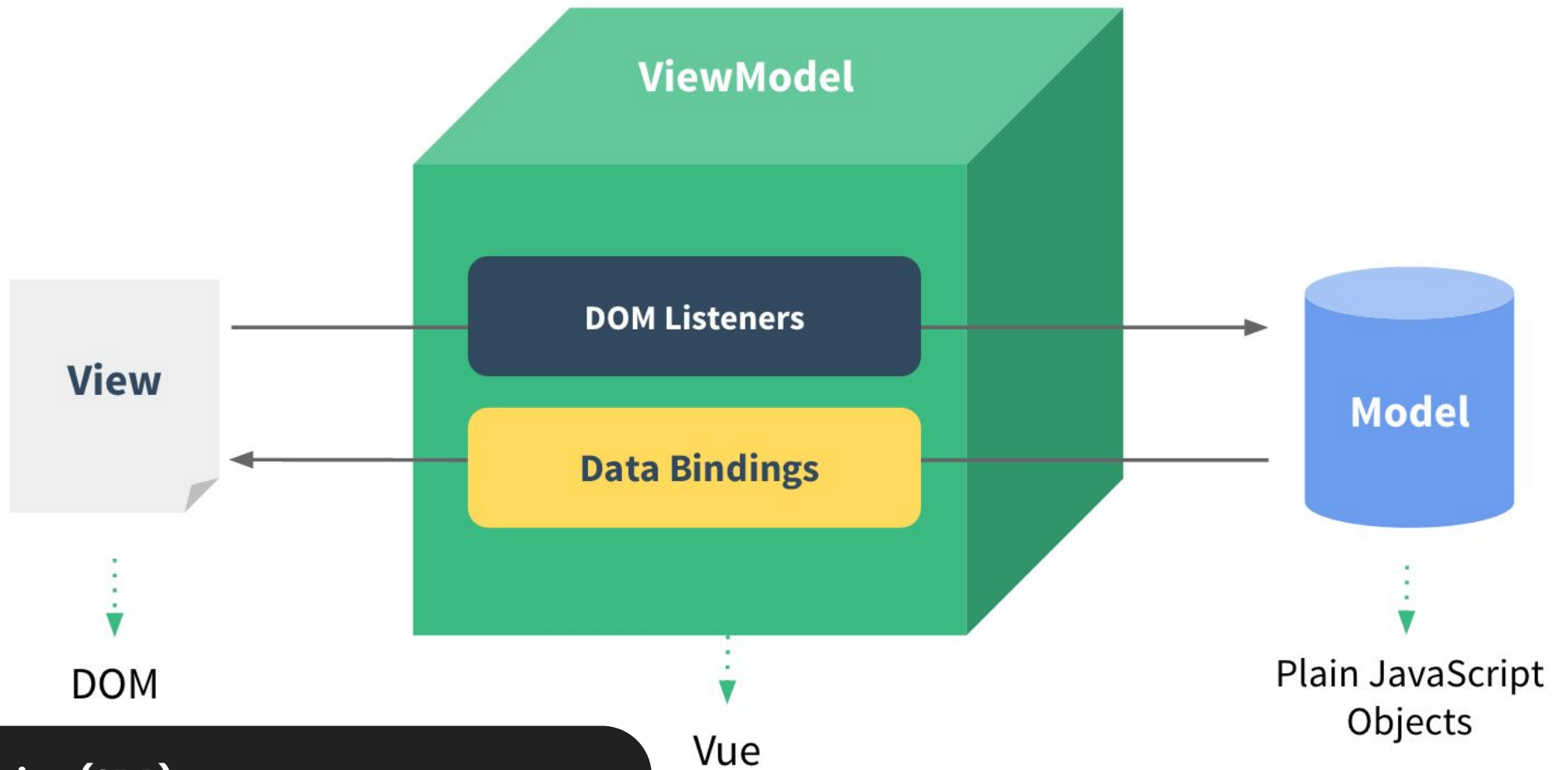


Reactive

- Don't need to refresh the page to see new data
- Vue tracks JS state changes, updates DOM when those changes happen

Declarative

- Vue extends standard HTML with template syntax that allows us to “declaratively describe” HTML output based on JS state



Single Page Application (SPA)

- Handle data updates and navigation without reloading the page
- Based in single index.html file

[Vue Reference](#)



Vue
Example

ImageForge

SPA that generates AI
images

App



[SIGN UP >](#)

LOG IN
GET GENERATING

Username or Email

Password

Log In



Magic 8 Challenge

We already did:

- Create a data property for the 8 ball's message and display it in the message area
- Create a list of possible answers as a data property. When the user clicks the submit button, console log the question
- Clear the input field after the user clicks the submit button

Still need to do:

- Make sure the question is valid before allowing the user to submit (has a question mark at the end)
- Change "Ask question" text to "not a valid question" if there's no question mark (hint: v-if, v-else)
- Hide the submit button if the question isn't long enough (at least 1 char + ?)

Vue

Directives

Reference



v-if = "condition"

Render an element if condition is true

v-else

Render an element if *directly previous* condition is *not* true

v-show = "condition"

Display an element if condition is true

v-on:click = "foo()"

When you click this element, call the function 'foo.' Other options include: :mouseover, :keydown, etc.

v-cloak

Special directive that hides element until Vue has fully loaded. Add to css as well: [v-cloak] { display: none; }

v-for = "item in items"

Create an instance of an element for every item in items array

v-bind:style = "{ color: '#fff' }"

Change all text in this element white

v-model = "modelname"

Bind 'modelname' data value and input value together (2-way data binding)

Resources

What it is	Where it's at
Vue CDN	Vuejs.org
Documentation	Vuejs.org
Vue Boilerplate	GitHub
Directives	Vuejs.org