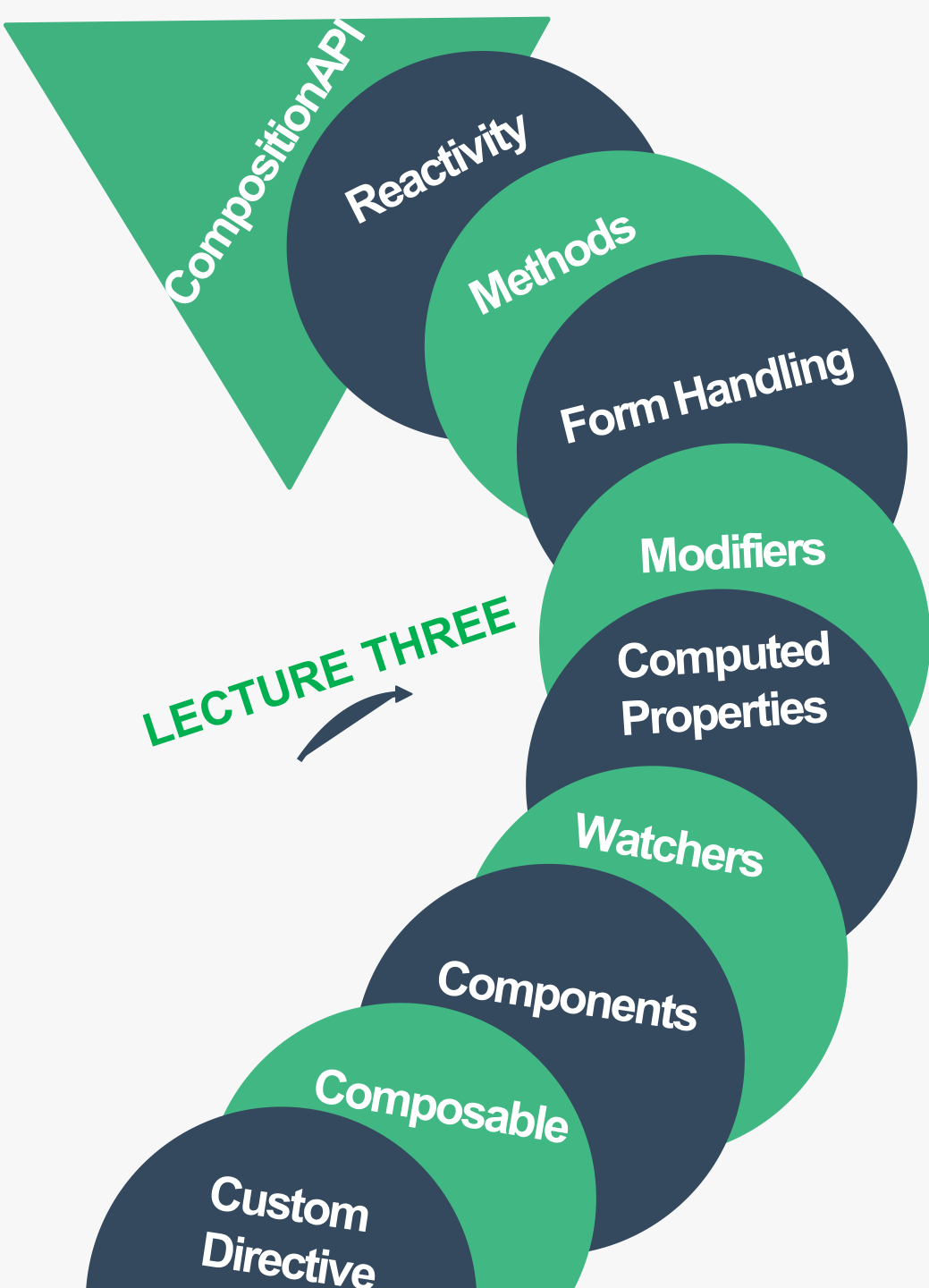


VUEJS



Eng / Ryhab Farouq





COMPOSITION API

Allows us to encapsulate one piece of functionality so that you can use it in different components throughout the application .

Options API

data



computed



methods

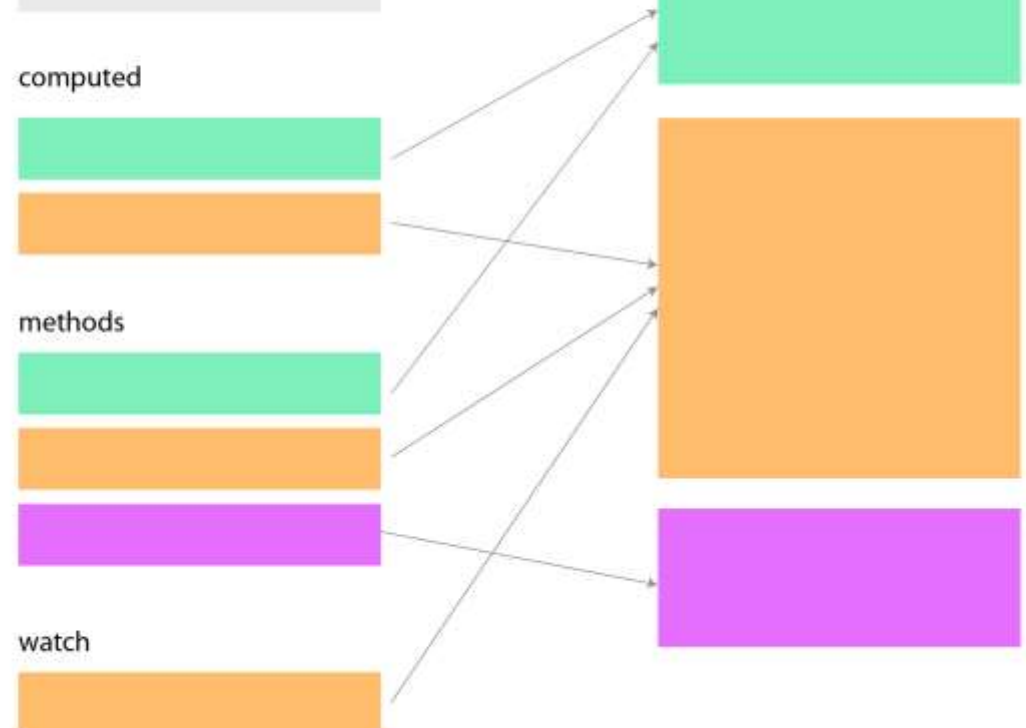


watch



Composition API

setup()



REACTIVITY IN DEPTH

One of Vue's most distinctive features is the unobtrusive reactivity system. Component state consists of reactive JavaScript objects. When you modify them, the view updates.

```
function ref(value) {  
  const refObject = {  
    get value() {  
      track(refObject, 'value')  
      return value  
    },  
    set value(newValue) {  
      value = newValue  
      trigger(refObject, 'value')  
    }  
  }  
  return refObject  
}
```

```
function reactive(obj) {  
  return new Proxy(obj, {  
    get(target, key) {  
      track(target, key)  
      return target[key]  
    },  
    set(target, key, value) {  
      target[key] = value  
      trigger(target, key)  
    }  
  })  
}
```

REF VS REACTIVE IN VUEJS



Ref



When dealing with primitive datatypes

Reactive



When dealing with group of primitive datatypes

COMPOSABLE IN VUEJS



vue-composable-utils

In the context of Vue applications, a "composable" is a function that leverages Vue's Composition API to encapsulate and reuse stateful logic.

COMMANDS

SASS WITH VUE   `npm i -D sass-loader node-sass`

TASK



Task Requirements



Design

- **Bonus** 🖐️ Try to implement your custom directives