$children and $slots

In this lesson, we will learn about $children and $slots.

The `slots` Property of the `options` Object

Vue components have two instance variables useful for accessing slots:

- `$children` : an array of Vue component instances of the default slot.

- `$slots` : an object of VNodes mapping all the slots defined in the component instance.

The `$slots` object has more data available. In fact, `$children` is just a portion of the `$slots` variable that could be accessed the same way by mapping over the `$slots.default` array and filtering by Vue component instances:

```
const children = this.$slots.default
  .map(vnode => vnode.componentInstance)
  .filter(cmp => !!cmp);
```

Now that we've learned about `$children` and `$slots`, let's test the slots in the next lesson.