

## Week 14: Research

### 1. Considering React, what is one-way, or unidirectional data flow? Why is it important?

- Like “top down” coding, it means that it is a one-way street/flow. It is important because chronological orders matter. For instance, when a developer tries to console log their progress, depending on where they type out the code “console.log, it will or will not log out the information (if it’s after the code has already completed its execution).
  - \*From class notes

### 2. When does a React component render?

- There are 2 instances when components render. The first is when it initializes / first appears on the screen. The second is anytime there is an update / change (“update the app with some new data”).
  - Either it could be a result of a user interacting with the app or external data coming through via an asynchronous request.

<https://www.developerway.com/posts/react-re-renders-guide>