





WHAT'S REACT?

- **React** is a **declarative**, **efficient**, and **flexible** JavaScript library for building user interfaces.
- It lets you compose complex UIs from small and isolated pieces of code called “**components**”.

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# DECLARATIVE VS IMPERATIVE PROGRAMMING

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- Declarative programming is a programming paradigm — a style of building the structure and elements of computer programs—that expresses the logic of a computation without describing its control flow.
- Declarative programming is like describing the picture, where imperative programming is the instruction for painting that picture
- Declarative :
  - I want dinner **with** chicken.
- Imperative
  - **Go** to the kitchen
  - **Open** fridge
  - **Remove** chicken from fridge
  - ...
  - **Bring** food to the table

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