



15-2 实现 Context，掌握 Context 的底层结构与源码实现

createContext

react/src/ReactContext.ts

TypeScript

```
import { ReactContext } from "shared/ReactTypes";
import { REACT_CONTEXT_TYPE, REACT_PROVIDER_TYPE } from "shared/ReactS

export function createContext<T>(defaultValue: T): ReactContext<T> {
  const context: ReactContext<T> = {
    $$typeof: REACT_CONTEXT_TYPE,
    _currentValue: defaultValue,
    Provider: null,
    Consumer: null,
  };

  context.Provider = {
    $$typeof: REACT_PROVIDER_TYPE,
    _context: context,
  };
}
```

```
context.Consumer = context;

return context;
}
```

初步实现 useContext

```
export function useContext(context: any) {
  return context._currentValue;
}
```

TypeScript