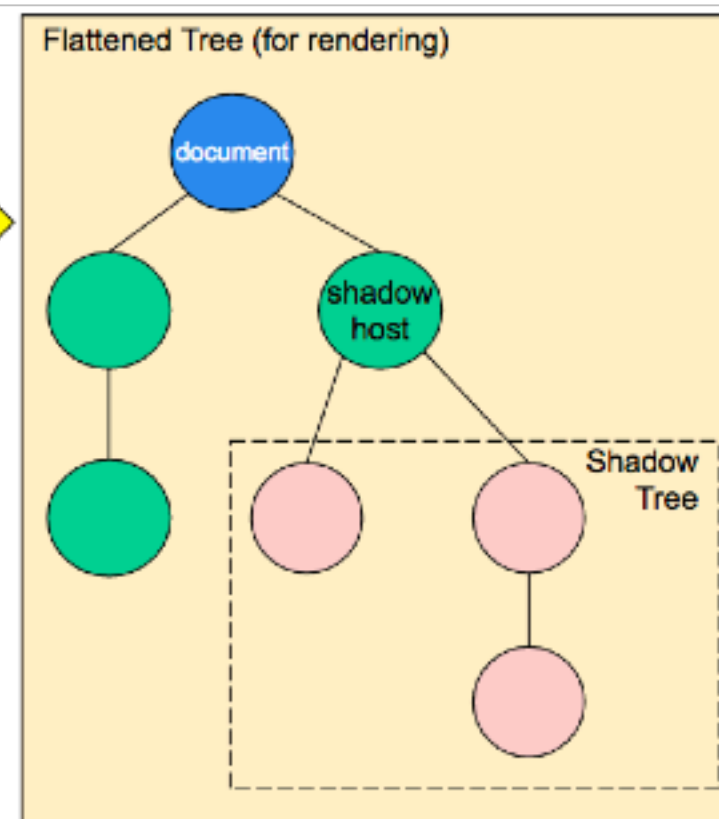
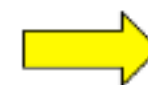
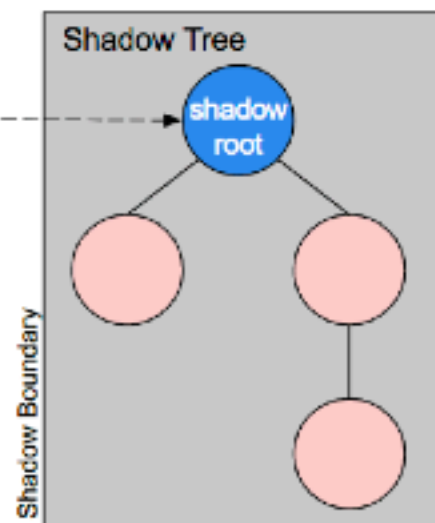
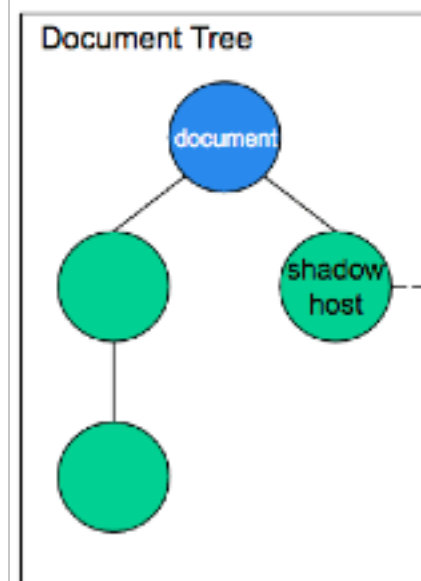


CSS沙箱

- 命名规则
 - BEM
 - 构建前缀
- CSS Module
- Shadow DOM



JavaScript沙箱

- iframe
- window 脏检查
- window proxy
 - Event
 - History API
 - Timer
 - LocalStorage
 - ...

```
const fake = {} as Window;
ins.window = new Proxy(fake, {
  set(obj: Window, key: PropertyKey, value: any): boolean {
    if (!ins.changed.has(key)) {
      ins.changed.set(key, ins.rawWindow[key]);
    }
    (ins.rawWindow as any)[key] = value;
    return true;
  },
  get(obj: Window, key: PropertyKey) {
    const value = (ins.rawWindow as any)[key];
    if (typeof value === 'function') {
      return value.bind(ins.rawWindow);
    }
    return value;
  },
  has(obj: Window, key: PropertyKey) {
    return ins.rawWindow.hasOwnProperty(key);
  }
});
```