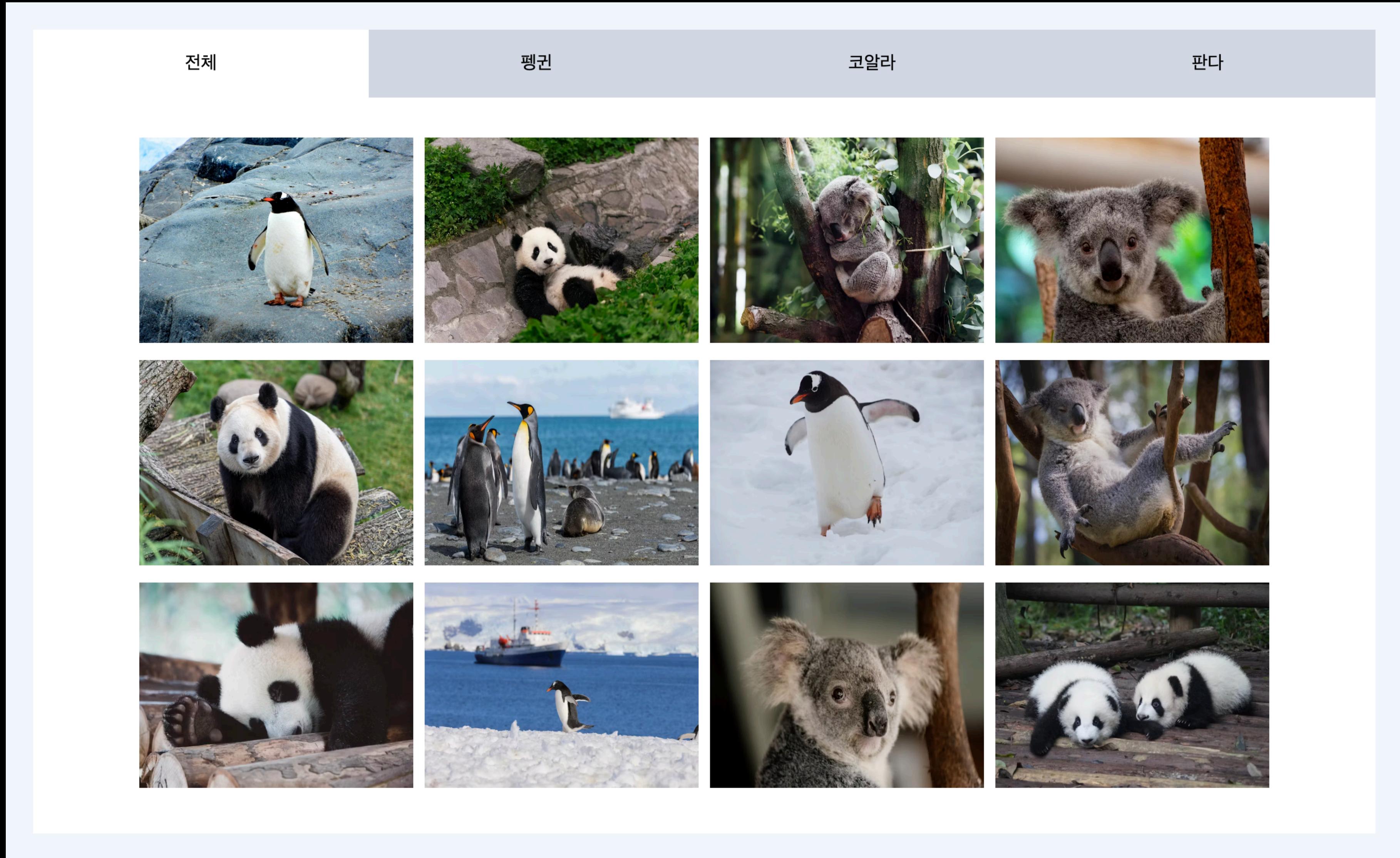


06. 컴포넌트와 모듈 시스템

모듈 시스템

여러가지 문제점



여러가지 문제점

1. 페이지 이동을 할 때마다 새로운 페이지 불러옴 -> 자연시간



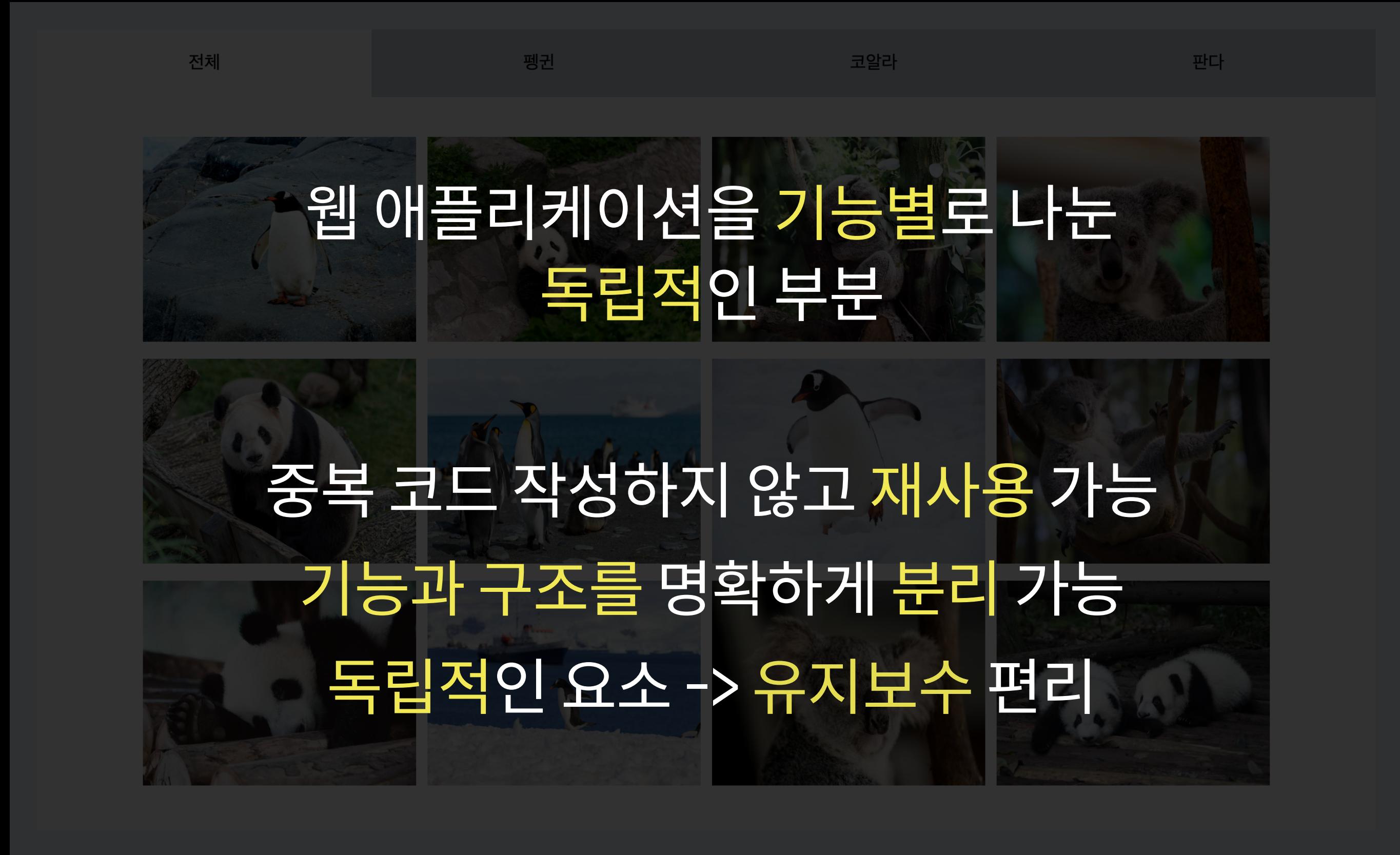
2. 동일한 코드를 중복으로 작성

```
src > js panda.js > [e] getData
1  const API_URL = 'https://animal-api-two.vercel.app/';
2
3  const $content = document.querySelector('div.content');
4  let template = [];
5
6  //API
7  const getData = async (name) => {
8    let res = await fetch(`${API_URL}${name}`);
9    try {
10      if (res) {
11        let data = await res.json();
12        data.photos.forEach((elm) => {
13          template += `</img>`;
14        });
15        $content.innerHTML = template;
16      }
17    } catch (err) {
18      console.log(err);
19    }
20  };
21
22  getData('panda');
23
```

```
src > js penguin.js > ...
1  const API_URL = 'https://animal-api-two.vercel.app/';
2
3  const $content = document.querySelector('div.content');
4  let template = [];
5
6  //API
7  const getData = async (name) => {
8    let res = await fetch(`${API_URL}${name}`);
9    try {
10      if (res) {
11        let data = await res.json();
12        data.photos.forEach((elm) => {
13          template += `</img>`;
14        });
15        $content.innerHTML = template;
16      }
17    } catch (err) {
18      console.log(err);
19    }
20  };
21
22  getData('penguin');
23
```

컴포넌트 단위로 모듈화

컴포넌트의 필요성

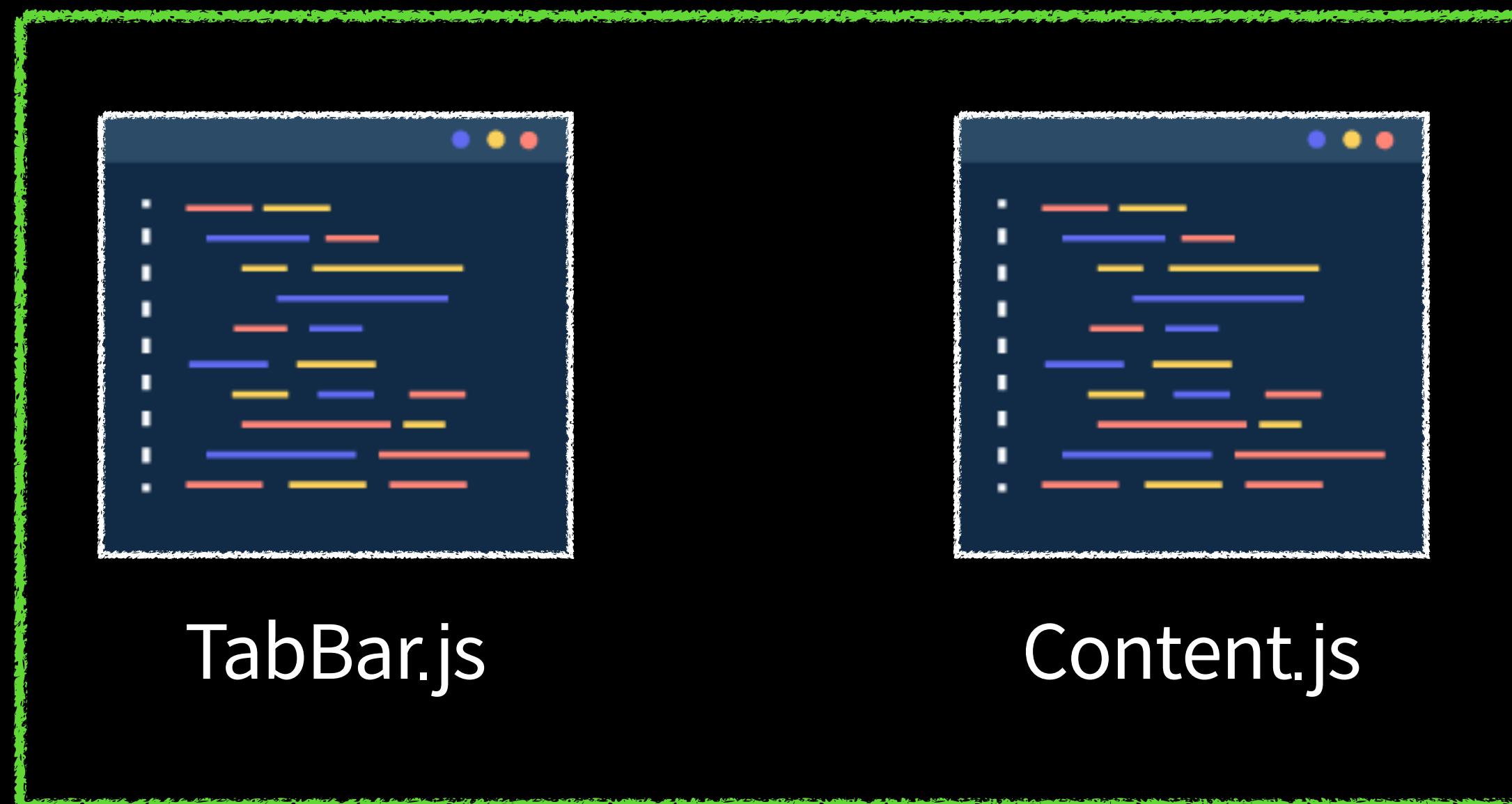


버튼 (tab-bar)

알맞은 동물 사진 표시 (content)

컴포넌트와 모듈

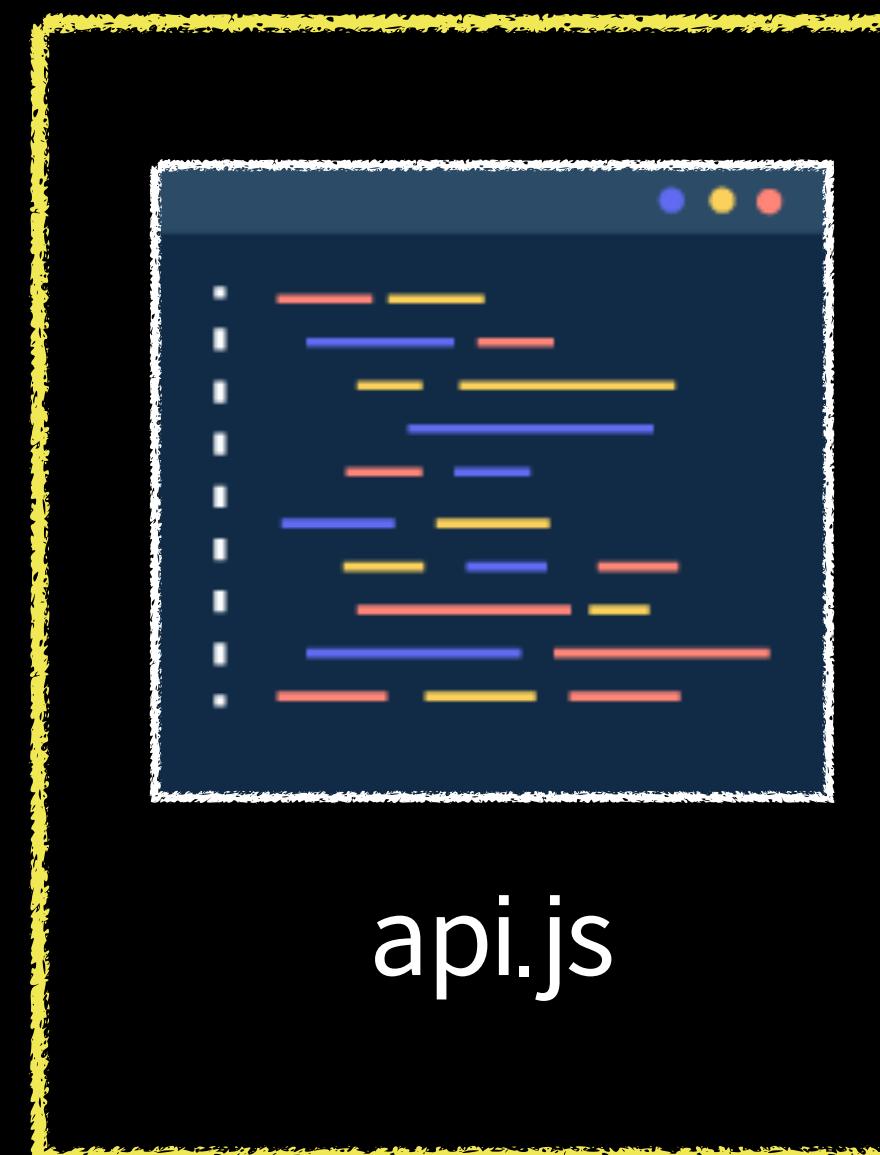
컴포넌트



TabBar.js

Content.js

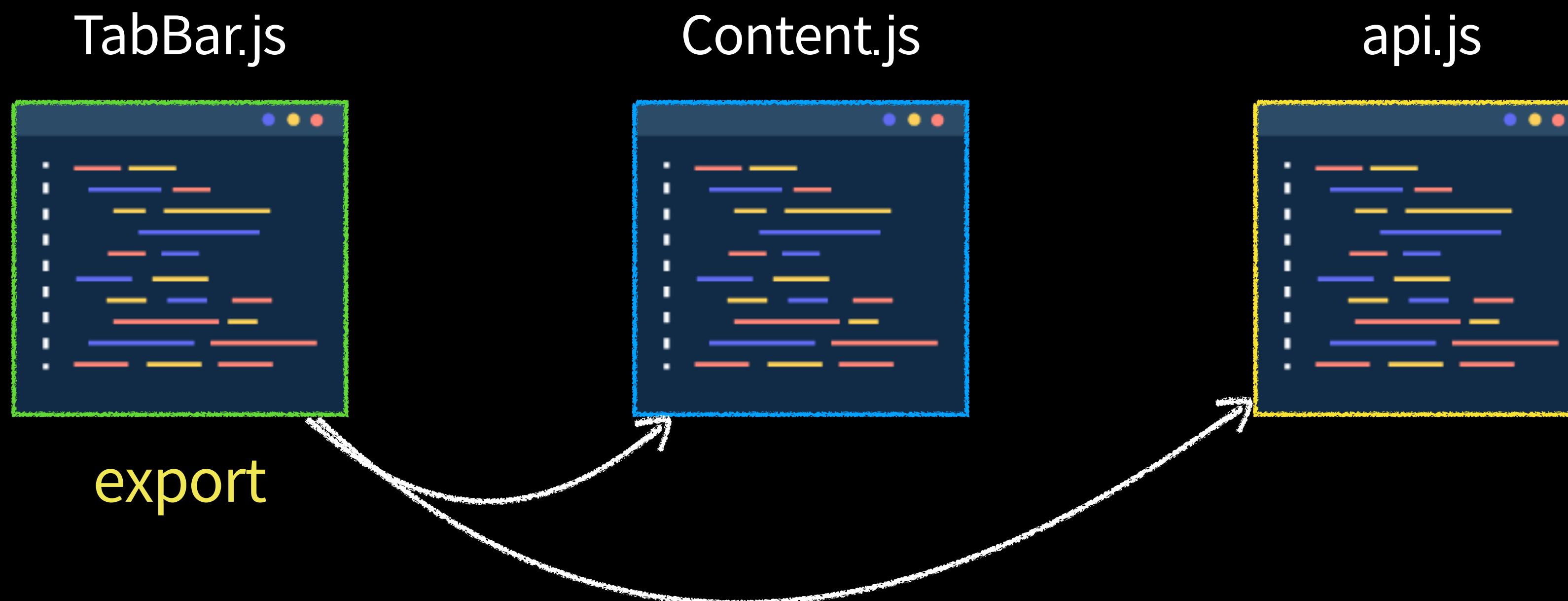
모듈



api.js

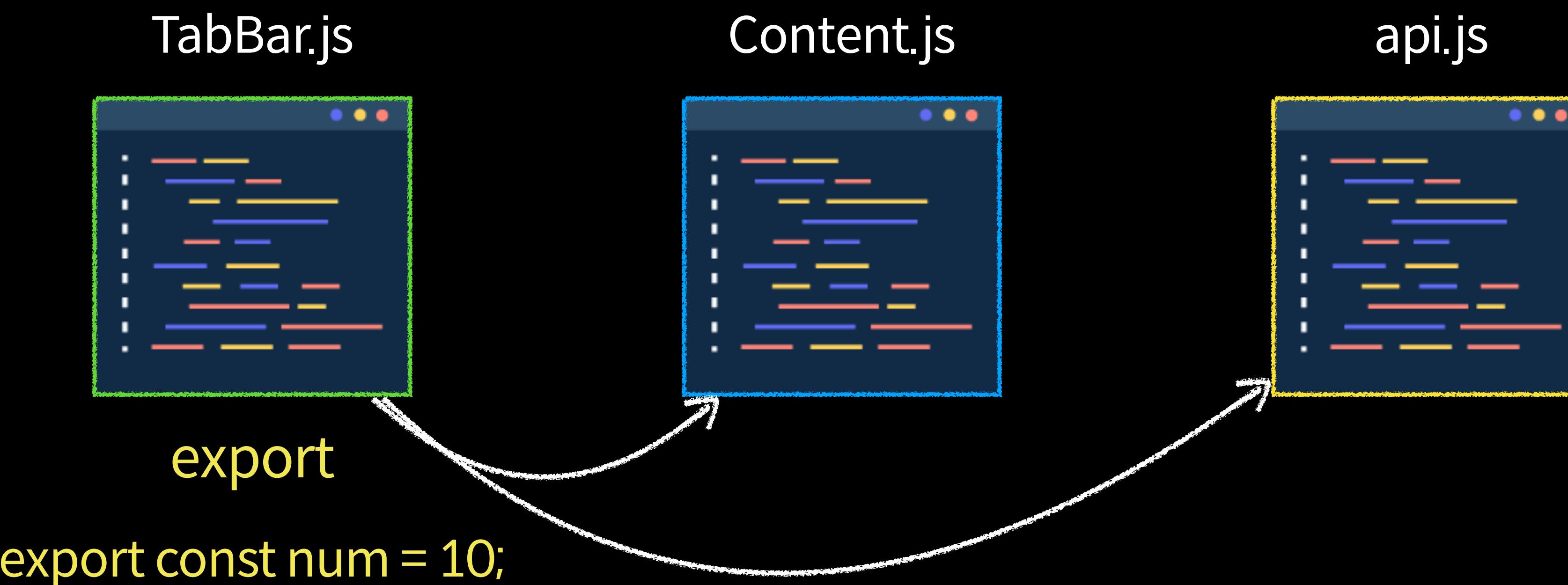
모듈 시스템

ECMA Script Module System



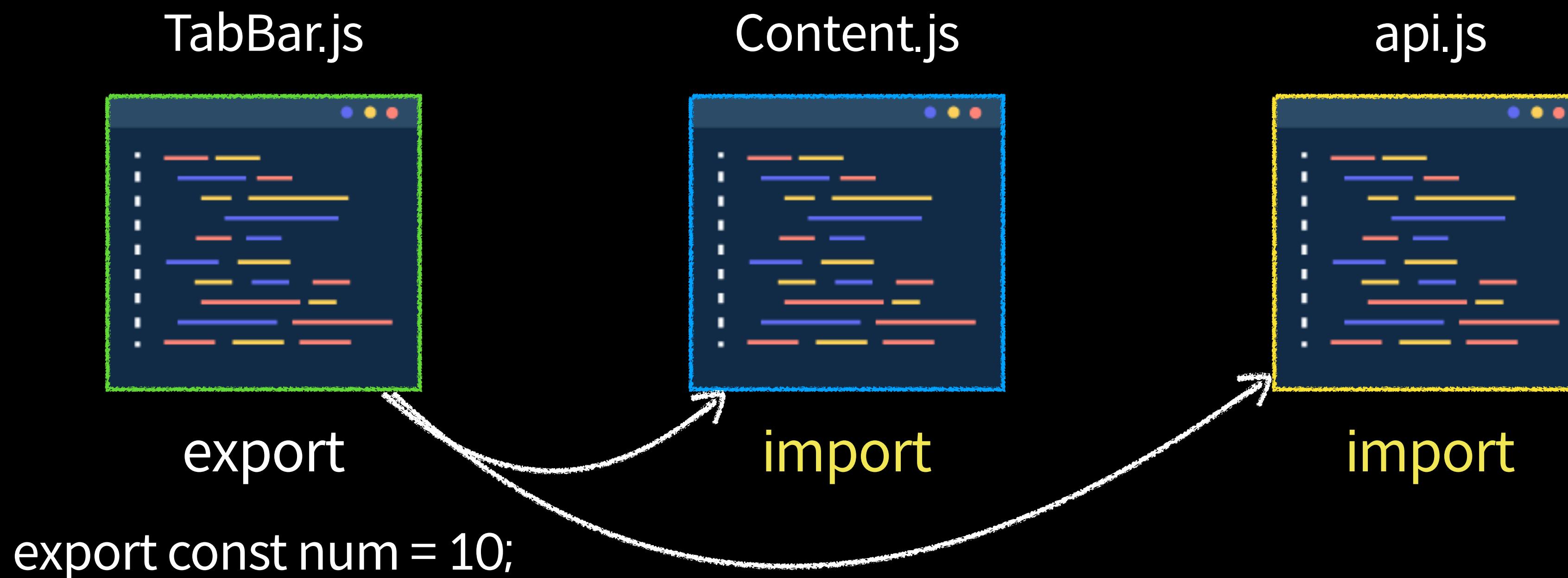
모듈 시스템

ECMA Script Module System



모듈 시스템

ECMA Script Module System



모듈 시스템

ECMA Script Module System

