

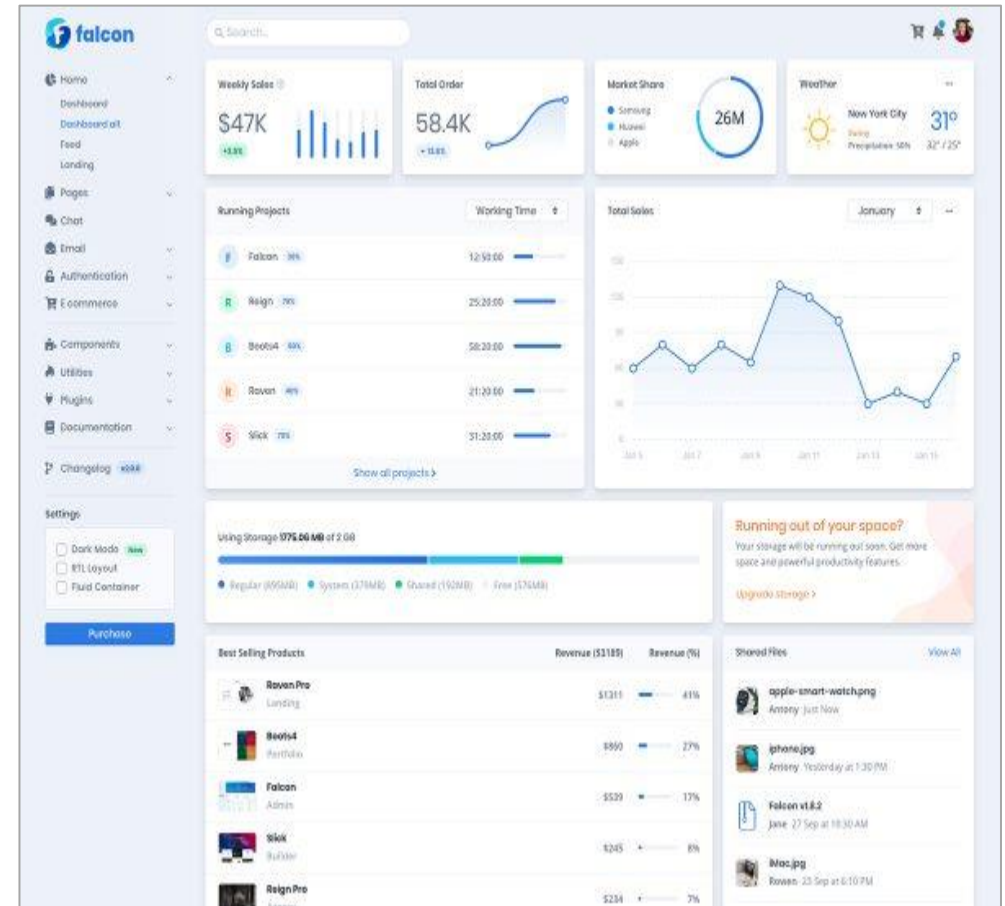


Spring Boot

소프트웨어융합공학과
웹서버 프로그래밍
허우행

Bootstrap

- ▶ <https://getbootstrap.com/>
- ▶ 서로 다른 인터페이스를 사용한 여러 개발자들의 공동작업
- ▶ 디자인 불일치, 관리 어려움, 일관성 유지 불가
- ▶ 문제점 개선을 위해 트위터 개발자와 UI 디자이너가 개발
- ▶ 프론트엔드 개발을 빠르고 쉽게 할 수 있는 프레임 워크
- ▶ HTML과 CSS 기반의 템플릿 양식, 버튼, 네비게이션 및 기타 페이지를 구성하는 요소 포함
- ▶ CDN 설정 or 다운로드 하여 사용



Primary Secondary Success Danger Warning Info Light Dark Link

```
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-secondary">Secondary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-link">Link</button>
```

Copy

Bootstrap CDN 설정

(Contents Delivery Network)

```
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" crossorigin="anonymous">

    <title>Hello, world!</title>
  </head>
  <body>
    <h1>Hello, world!</h1>

    <!-- Optional JavaScript; choose one of the two! -->

    <!-- Option 1: jQuery and Bootstrap Bundle (includes Popper) -->
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" crossorigin="anonymous"></script>

    <!-- Option 2: jQuery, Popper.js, and Bootstrap JS
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.min.js" crossorigin="anonymous"></script>
    -->
  </body>
</html>
```

부트스트랩 **CSS**(Cascading
Style Sheets)

JQuery 및 부트스트랩
라이브러리

Bootstrap 다운로드 설정

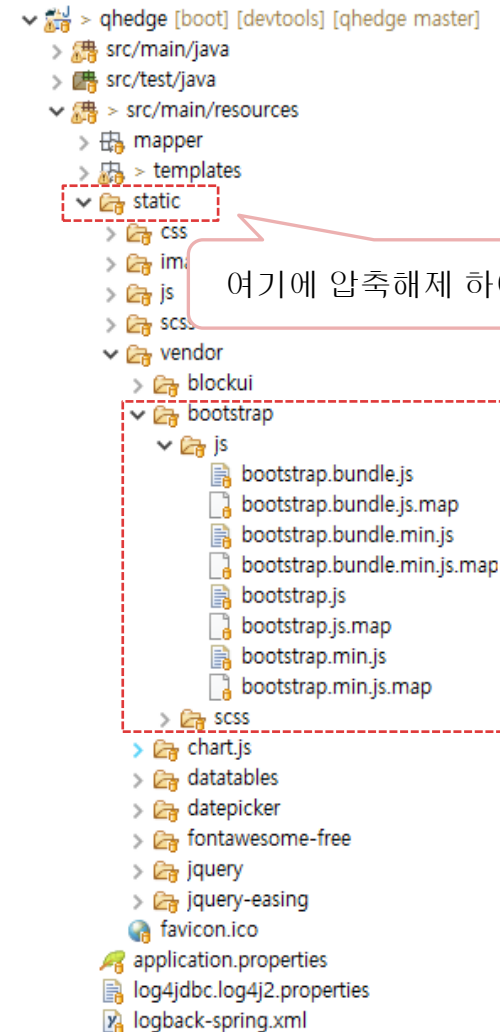
```
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="/vendor/js/bootstrap/css/bootstrap4.css" crossorigin="anonymous">

    <title>Hello, world!</title>
  </head>
  <body>
    <h1>Hello, world!</h1>

    <!-- Option 1: jQuery and Bootstrap Bundle (includes Popper) -->
    <script src="/vendor/jquery/jquery.min.js" crossorigin="anonymous"></script>
    <script src="/vendor/bootstrap/js/bootstrap.bundle.min.js" crossorigin="anonymous"></script>
  </body>
</html>
```

/static 를 root로 하며 그 이하
경로 지정



여기에 압축해제 하여 저장

Documentation

The screenshot shows the Bootstrap 4.5 Buttons documentation page. The left sidebar contains a navigation menu with 'Components' highlighted. A red dashed box highlights the 'Documentation' link in the top navigation bar. A red arrow points from this box to the 'Components' link in the sidebar. A red speech bubble points to the 'Buttons' link in the sidebar, containing the text: '부트스트랩 컴포넌트 유형별 샘플 소스 참고'. The main content area shows the 'Buttons' section with a description, an advertisement, and a section titled 'Examples' showing various button styles (Primary, Secondary, Success, Danger, Warning, Info, Light, Dark, Link) and their corresponding HTML code. A 'Copy' button is next to the code. The bottom of the page has a footer with the text 'Conveying meaning to assistive technologies'.

Buttons

Use Bootstrap's custom button styles for actions in forms, dialogs, and more with support for multiple sizes, states, and more.

Examples

Bootstrap includes several predefined button styles, each serving its own semantic purpose, with a few extras thrown in for more control.

Primary Secondary Success Danger Warning Info Light Dark Link

부트스트랩 컴포넌트 유형별 샘플 소스 참고

```
btn-primary">Primary</button>
btn-secondary">Secondary</button>
btn-success">Success</button>
btn-danger">Danger</button>
btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>
<button type="button" class="btn btn-link">Link</button>
```

Conveying meaning to assistive technologies