JavaScript

Swiper slider



Contents

CDN이란?

Swiper slider

01

CDN이란?

CDN(Contents Delivery Network)

❖ CDN이란?

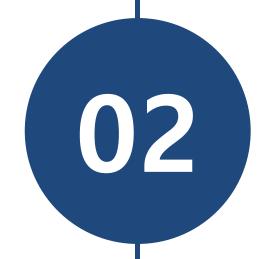
- 콘텐츠 전송 네트워크라는 뜻
- 콘텐츠를 인터넷망을 통해 빠르고 안정적으로 전달해주 는 서비스
- 장점
 - 클라이언트는 분산되어 있는 여러 개의 서버 중 가장 빠른 서버에서 데이터를 다운로드할 수 있음
 - 서버 트래픽 감소

CDN(Contents Delivery Network)

❖ CDN 사용 방법

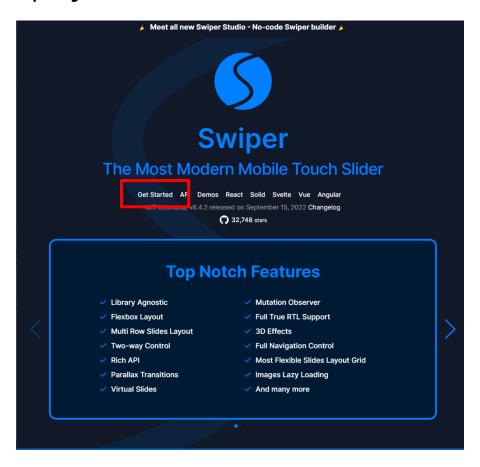
- 예시) jQuery
- 다음 script 태그를 html 파일에 추가해주면 사용 가능

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js">
</script>

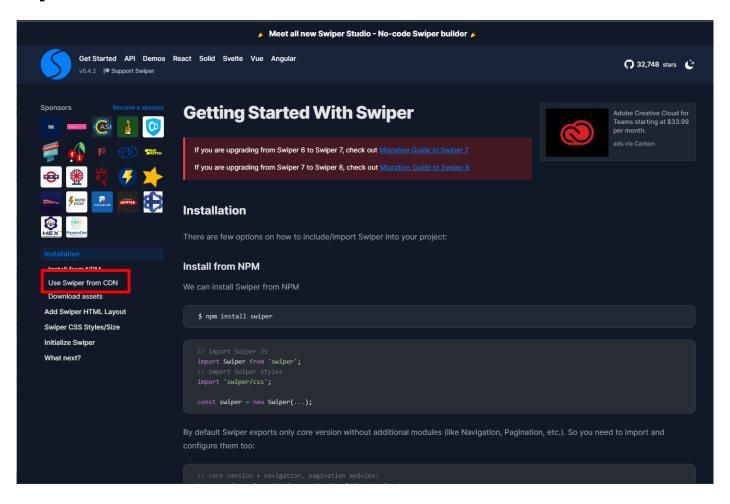


Swiper slider

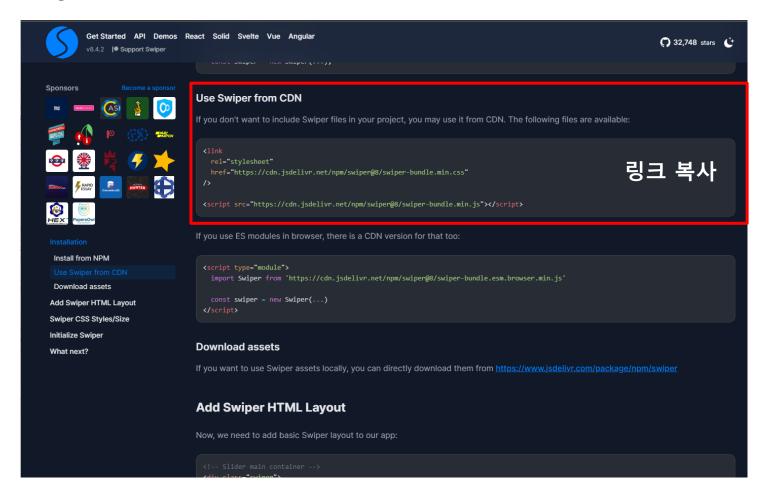
https://swiperjs.com/



Swiper slider CDN



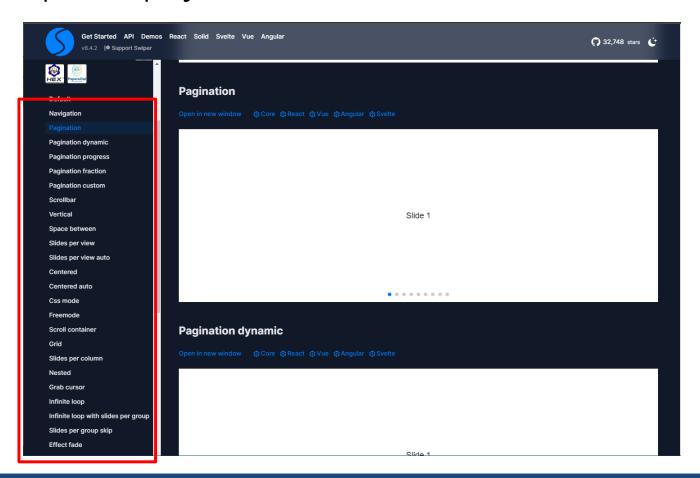
Swiper slider CDN



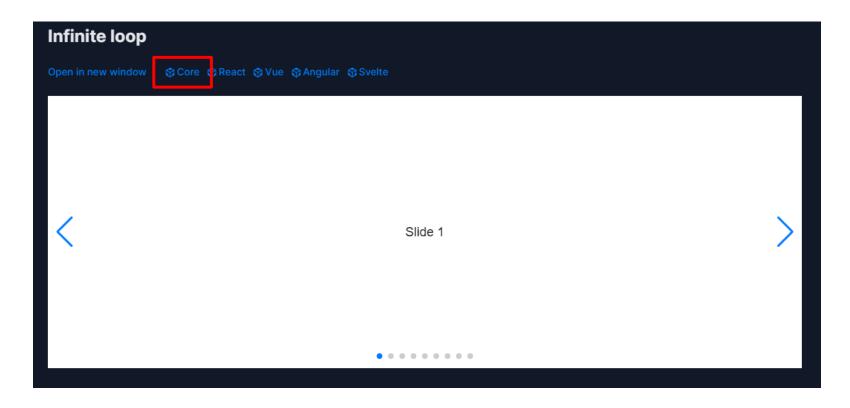
❖ HTML 파일에 붙여넣기

❖ Swiper Slider 데모 페이지

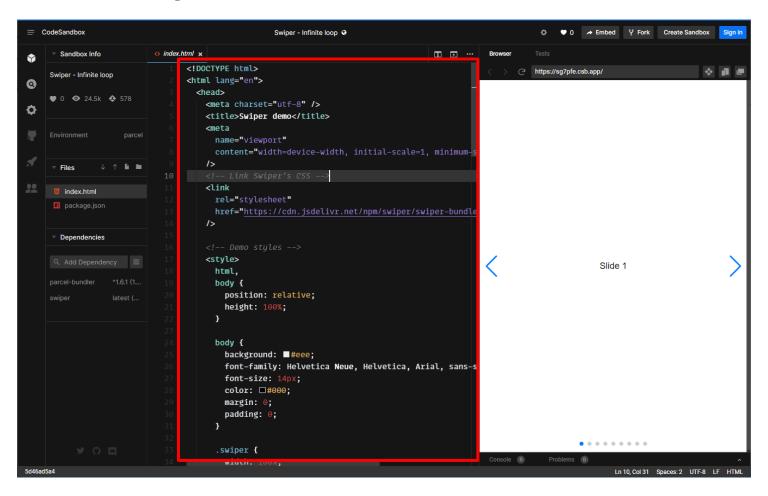
https://swiperjs.com/demos



❖ Infinite loop 선택



❖ Infinite loop 코드 복사



slider.css

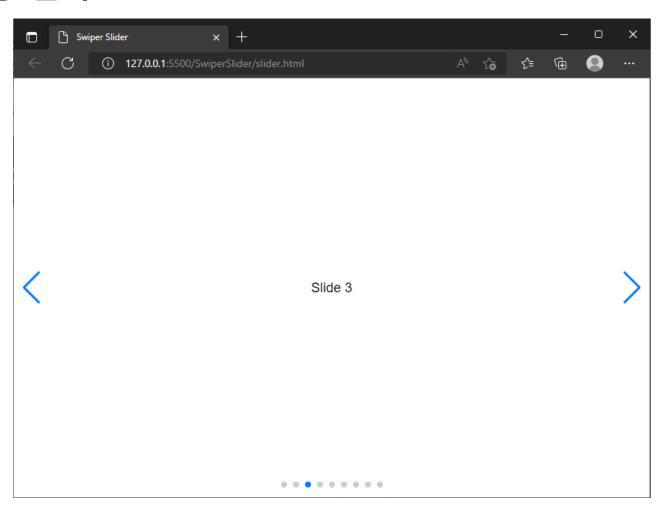
```
.swiper-slide img {
html,
                                        .swiper-slide {
body {
                                                                                      display: block;
                                           text-align: center;
                                                                                     width: 100%;
   position: relative;
                                           font-size: 18px;
   height: 100%;
                                                                                      height: 100%;
                                           background: #fff;
                                                                                      object-fit: cover;
                                           /* Center slide text vertically */
body {
                                           display: -webkit-box;
   background: #eee;
                                                                                  .swiper {
                                           display: -ms-flexbox;
   font-family: Helvetica Neue,
                                                                                      margin-left: auto;
                                           display: -webkit-flex;
Helvetica, Arial, sans-serif;
                                                                                      margin-right: auto;
                                           display: flex;
   font-size: 14px;
                                           -webkit-box-pack: center;
   color: #000;
                                           -ms-flex-pack: center;
   margin: 0;
                                           -webkit-justify-content: center;
   padding: 0;
                                           justify-content: center;
                                           -webkit-box-align: center;
                                           -ms-flex-align: center;
.swiper {
                                           -webkit-align-items: center;
   width: 100%;
                                           align-items: center;
   height: 100%;
```

slider.html

```
<body>
 <!-- Swiper -->
 <div class="swiper mySwiper">
   <div class="swiper-wrapper">
    <div class="swiper-slide">Slide 1</div>
    <div class="swiper-slide">Slide 2</div>
    <div class="swiper-slide">Slide 3</div>
    <div class="swiper-slide">Slide 4</div>
    <div class="swiper-slide">Slide 5</div>
    <div class="swiper-slide">Slide 6</div>
    <div class="swiper-slide">Slide 7</div>
    <div class="swiper-slide">Slide 8</div>
    <div class="swiper-slide">Slide 9</div>
   </div>
   <div class="swiper-button-next"></div>
                                                  });
   <div class="swiper-button-prev"></div>
   <div class="swiper-pagination"></div>
 </div>
```

```
<!-- Initialize Swiper -->
<script>
   var swiper = new Swiper(".mySwiper", {
    slidesPerView: 1.
    spaceBetween: 30,
    loop: true,
    pagination: {
      el: ".swiper-pagination",
      clickable: true,
    navigation: {
      nextEl: ".swiper-button-next",
      prevEl: ".swiper-button-prev",
</script>
```

❖ 실행 결과



[실습] Swiper slider - 이미지 추가

slider.html

```
<body>
      <div class="container">
         <div class="swiper mySwiper">
            <div class="swiper-wrapper">
               <div class="swiper-slide">
                 <img src="https://view01.wemep.co.kr/~~~56y5a.png">
               </div>
               <div class="swiper-slide">
                 <img src="https://view01.wemep.co.kr/~~~e38e.jpg">
               </div>
               <div class="swiper-slide">
                 <img src="https://view01.wemep.co.kr/~~fwojgg.png">
               </div>
            </div>
            <div class="swiper-button-next"></div>
            <div class="swiper-button-prev"></div>
            <div class="swiper-pagination"></div>
         </div>
      </div>
</body>
```

[실습] Swiper slider - 이미지 추가

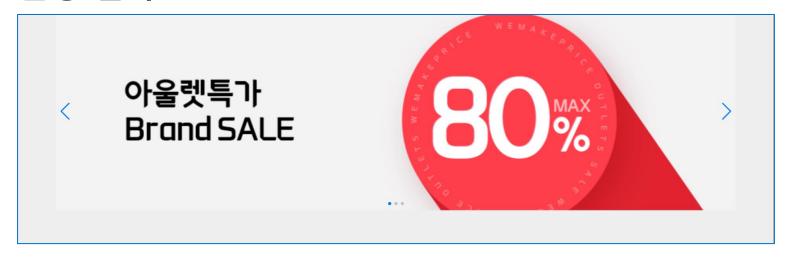
slider.css

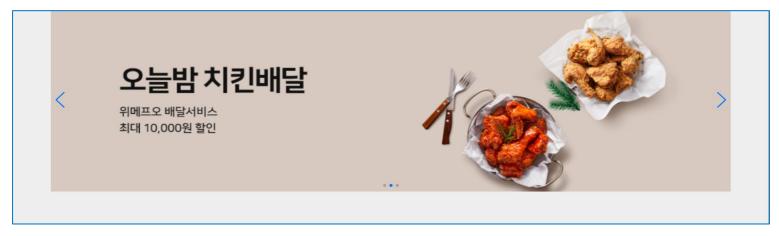
```
body {
    /* 가운데 정렬 */
    margin: 0 auto;
}

.container{
    /* slider 영역 높이 지정 */
    height: 500px;
}
```

[실습] Swiper slider - 이미지 추가

❖ 실행 결과



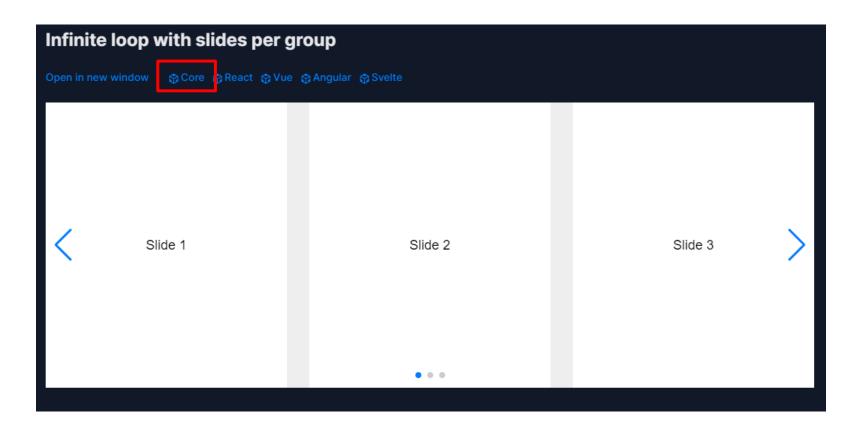


[실습] Swiper slider - 자동 재생

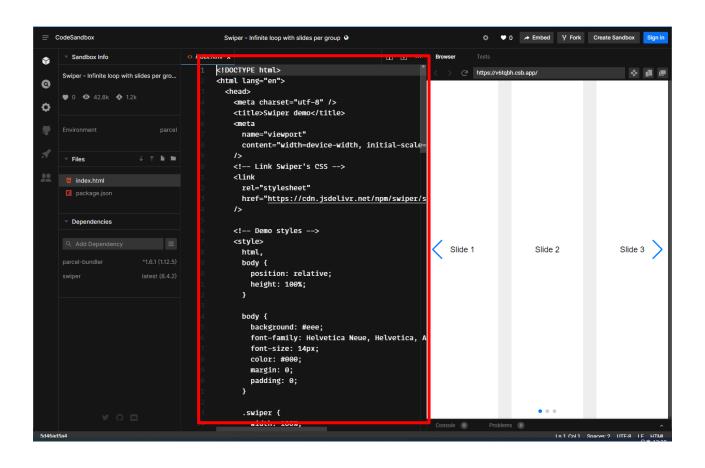
❖ 자동 재생 기능 추가

```
<script>
  var swiper = new Swiper(".mySwiper", {
                                    // 한번에 보여지는 페이지 수
   slidesPerView: 1,
                                    // 페이지와 페이지 사이 간격
   spaceBetween: 30,
                                    // 반복 여부, ture(반복), false(반복 불가)
   loop: true,
   pagination: {
                               // 페이지 태그 클래스 설정
     el: ".swiper-pagination",
                                    // 클릭 가능 여부
     clickable: true,
   navigation: {
     nextEl: ".swiper-button-next", // 네비게이션 태그 클래스 설정
     prevEl: ".swiper-button-prev",
                                    // 자동 재생
   autoplay:{
                                    // 2초
     delay: 2000,
                                    // 스와이프 후 자동 재생 여부
     disableOnInteraction: true,
                                    // true : 자동 재생 X, false : 자동 재생 O
</script>
```

❖ Infinite loop with slides per group 선택



❖ Infinite loop with slides per group 코드 복사



cardSlider.html

```
<body>
      <div class="container">
         <div class="swiper mySwiper">
            <div class="swiper-wrapper">
              <div class="swiper-slide">Slide 1</div>
              <div class="swiper-slide">Slide 2</div>
              <div class="swiper-slide">Slide 3</div>
              <div class="swiper-slide">Slide 4</div>
              <div class="swiper-slide">Slide 5</div>
              <div class="swiper-slide">Slide 6</div>
              <div class="swiper-slide">Slide 7</div>
              <div class="swiper-slide">Slide 8</div>
              <div class="swiper-slide">Slide 9</div>
            </div>
            <div class="swiper-button-next"></div>
            <div class="swiper-button-prev"></div>
            <div class="swiper-pagination"> </div>
         </div>
      </div>
</body>
```

cardSlider.html

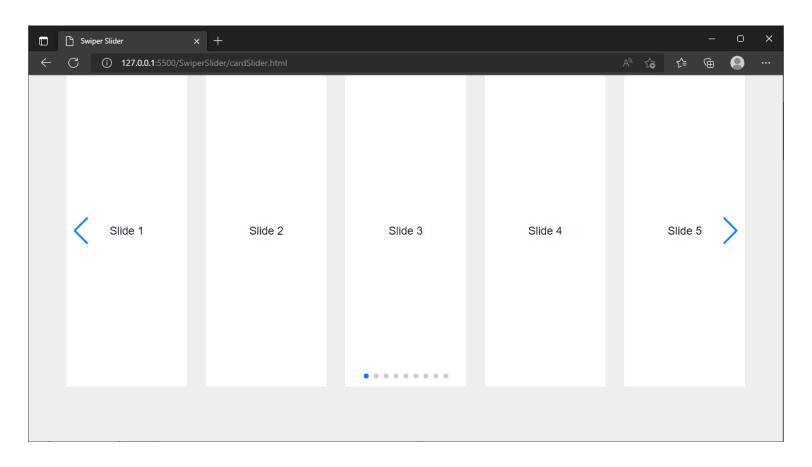
```
var swiper = new Swiper(".mySwiper",
                                         // 반응형 조건 속성
                                         breakpoints: {
{
                                                                           // 320 이상일 경우
                                                 320: {
      loop: true,
      initialSlide: 0,
                                                         slidesPerView: 1, // 레이아웃 1개
      loopFillGroupWithBlank: true,
                                                         spaceBetween: 30,
                                                 },
                                                 768: {
      pagination: {
         el: ".swiper-pagination",
                                                         slidesPerView: 3,
         clickable: true,
                                                        spaceBetween: 30,
                                                 },
      },
                                                 1024: {
      navigation: {
         nextEl: ".swiper-button-next",
                                                         slidesPerView: 5,
         prevEl: ".swiper-button-prev",
                                                        spaceBetween: 30,
                                                 },
      },
                                         });
```

slider.css

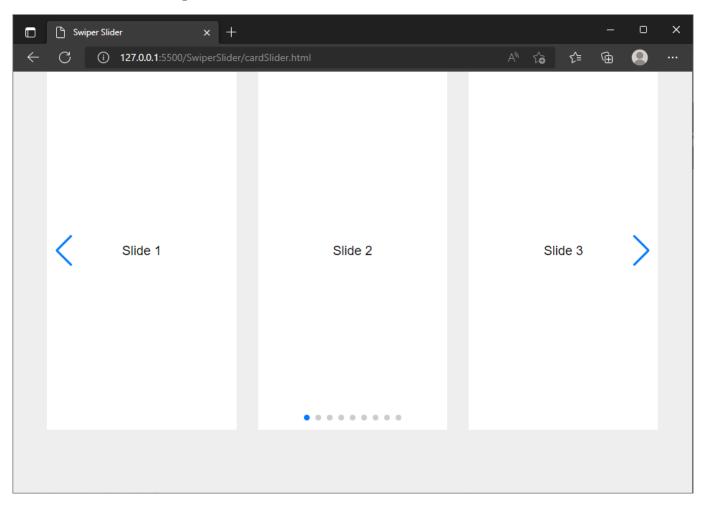
```
body {
    /* 가운데 정렬 */
    margin: 0 auto;
}

.container{
    /* slider 영역 높이 지정 */
    height: 500px;
}
```

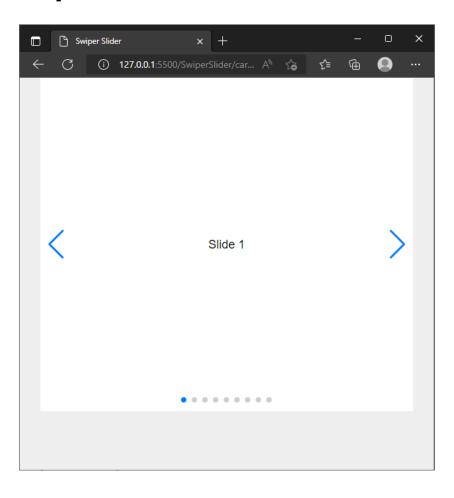
❖ 실행 결과(1024px 이상)



❖ 실행 결과(768px 이상)



❖ 실행 결과(320px 이상)



THANK @ YOU