BOOTSTRAP

Šta je bootstrap?
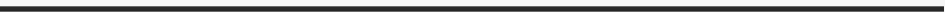
Bootstrap je open-source JavaScript framework, odnosno kombinacija HTML-a, CSS-a i JavaScript-a, razvijen sa ciljem da omogući i olakša razvoj web formi (interface-a, tj. layout-a) kao i razvoj naprednih web komponenti. Zato ga sa te strane možemo zvati Front-End-Framework.
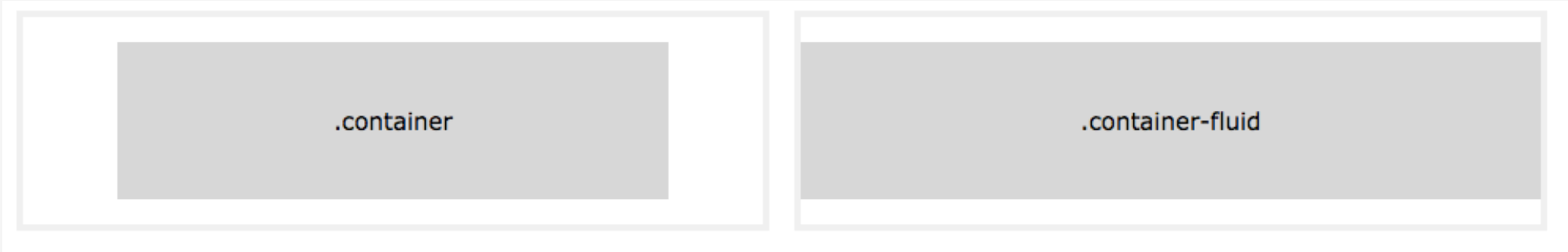
Responsive

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

Kontejner

Imamo 2 vrste kontejnere koji se koriste

.container

.container-fluid

Uvoz bootstrap-a

```
<meta name="viewport" content="width=device-width, initial-scale=1"> <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.0/css/bootstrap.min.css"> <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script> <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.0/umd/popper.min.js"></script> <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.0/js/bootstrap.min.js"></script>
```

Podešavanje kontejnera

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap 4 Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.0/umd/popper.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.0/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h1>My First Bootstrap Page</h1>
  <p>This is some text.</p>
</div>

</body>
</html>
```

Bootstrap mreža

span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4			
span 4				span 8							
span 6						span 6					
span 12											

Grid klase

- .col- (extra small devices - screen width less than 576px)

- .col-sm- (small devices - screen width equal to or greater than 576px)

- .col-md- (medium devices - screen width equal to or greater than 768px)

- .col-lg- (large devices - screen width equal to or greater than 992px)

- .col-xl- (xlarge devices - screen width equal to or greater than 1200px)

Osnovna struktura

```
<div class="row">
 <div class="col-*-*"></div>
 <div class="col-*-*"></div>
</div>
<div class="row">
 <div class="col-*-*"></div>
 <div class="col-*-*"></div>
 <div class="col-*-*"></div>
</div>
```

Bootstrap slike

<img class="img-fluid" src="img_chania.jpg" alt="Chania"> - klasa za responsive slike

<img src="cinqueterre.jpg" class="rounded" alt="Cinque Terre"> - klasa za zaobljene ivice slike

Alert links

- **Success!** You should read this message.

- **Info!** You should read this message.

- **Warning!** You should read this message.

- **Danger!** You should read this message.

- **Primary!** You should read this message.

- **Secondary!** You should read this message.

- **Dark!** You should read this message.

```
<div class="alert alert-success">
 <strong>Success!</strong> You should <a href="#" class="alert-link">read this message</a>.
</div>
```

Dugmad

```html
<button type="button" class="btn">Basic</button>
<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-info">Info</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-dark">Dark</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-link">Link</button>
```

Navigacija

```html
<nav class="navbar navbar-expand-sm bg-light">
 <!-- Links -->
 <ul class="navbar-nav">
  <li class="nav-item">
   <a class="nav-link" href="#">Link 1</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 2</a>
  </li>
  <li class="nav-item">
   <a class="nav-link" href="#">Link 3</a>
  </li>
 </ul>
</nav>
```

Forme

```
<form action="/action_page.php">
 <div class="form-group">
  <label for="email">Email address:</label>
  <input type="email" class="form-control" id="email">
 </div>
 <div class="form-group">
  <label for="pwd">Password:</label>
  <input type="password" class="form-control" id="pwd">
 </div>
 <div class="form-group form-check">
  <label class="form-check-label">
   <input class="form-check-input" type="checkbox"> Remember me
  </label>
 </div>
 <button type="submit" class="btn btn-primary">Submit</button>
</form>
```