

Angular Forms (Beta)

By: Mosh Hamedani

A Basic Bootstrap Form

```
<form>
  <div class="form-group">
    <label for="name">Name</label>
    <input type="text" id="name" class="form-control">
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

Template-driven forms

Controls are created implicitly by Angular. This will give us limited control over validation (eg required, min length and max length via HTML5 attributes).

```
<form>
  ...
  <input ngControl="name">
  ...
  <input ngControl="email">
</form>
```

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Showing Validation Errors

```
<input #name="ngForm" ngControl="name" required>
<div
  class="alert alert-danger"
  *ngIf="name.touched && !name.valid">
    Name is required.
</div>
```

Showing Specific Validation Errors

```
<input #name="ngForm" ngControl="name" required minlength="3">
<div *ngIf="name.touched && name.errors">
  <div *ngIf="name.errors.required" class="...">
    Name is required.
  </div>
  <div *ngIf="name.errors.minlength" class="...">
    Name should be minimum 3 characters.
  </div>
</div>
```

Highlighting the invalid inputs

```
.ng-touched.ng-invalid {
  border: 1px solid red;
}
```

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Disabling the submit button if form is invalid

```
<form #f="ngForm">  
  ...  
  <button [disabled]="!f.valid">Submit</button>  
</form>
```

Submitting the form

```
<form #f="ngForm" (ngSubmit)="onSubmit(f.form)">  
  ...  
  <button type="submit">Submit</button>  
</form>
```