Components

Angular applications are made up of *components*. A *component* is the combination of an HTML template and a component class that controls a portion of the screen. Here is an example of a component that displays a simple string:

src/app/app.component.ts

```
import { Component } from '@angular/core';


@Component({
  selector: 'my-app',
  template: `<h1>Hello {{name}}</h1>`
})
export class AppComponent { name = 'Angular'; }
```

Every component begins with an @Component decorator function that takes a *metadata* object. The metadata object describes how the HTML template and component class work together.

The selector property tells Angular to display the component inside a custom <my-app> tag in the index.html.

index.html (inside <body>)

```
<my-app>Loading AppComponent content here ...</my-app>
```

The template property defines a message inside an <h1> header. The message starts with "Hello" and ends with {{name}}, which is an Angular interpolation binding expression. At runtime, Angular replaces {{name}} with the value of the component's name property. Interpolation binding is one of many Angular features you'll discover in this documentation.