

Components (Final)

By: Mosh Hamedani

Input Properties

Using @Input annotation

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

@Component(...)
export class FavoriteComponent {
    @Input('is-favorite') isFavorite = false;
}
```

Using component metadata

```
@Component({
    inputs: ['isFavorite:is-favorite']
})
export class FavoriteComponent {
    isFavorite = false;
}
```

In the host component

```
<favorite [is-favorite]="post.isFavorite"></favorite>
```

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Output Properties

Using @Output annotation

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

@Component(...)
export class FavoriteComponent {
    @Output('favorite-change') change = new EventEmitter();

    onClick() {
        this.change.emit({ newValue: this.isFavorite });
    }
}
```

Using component metadata

```
@Component({
    outputs: ['change:favoriteChange']
})
export class FavoriteComponent {
    change = new EventEmitter();

    onClick() {
        this.change.emit({ newValue: this.isFavorite });
    }
}
```

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In the host component

```
<favorite (favoriteChange)="onChange()"></favorite>
```

Templates

```
@Component({  
  template: '...', // or  
  templateUrl: 'app/template.template.html'  
})
```

Styles

```
@Component({  
  styles: ['...'],  
  styleUrls: ['...', '...'];  
})
```