

Two-way Binding

app.component.html

<h2>Parent Component</h2>

This is Parent Component

Enter Text:

<input type="text" #ptext (keyup)="0"/>

The value of Child component is: {{cdata}}

<app-child (cevent)="cdata=\$event" [pdata]="ptext.value"></app-child>

app.component.ts

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

```
@Component({
```

```
  selector: 'app-root',
```

```
  templateUrl: './app.component.html',
```

```
  styleUrls: ['./app.component.css']
```

```
})
```

```
export class AppComponent {
```

```
  title = 'two-way-binding';
```

```
  public cdata: string | undefined;
```

```
}
```

child.component.html

<h2>Child Component</h2>

This is Child Component

Enter Text:

<input type="text" #cdata (keyup)="onChange(cdata.value)"/>

The value of Parent component is: {{pdata}}

child.component.ts

```
import { Component, OnInit, Input, EventEmitter } from '@angular/core';
```

```
@Component({
  selector: 'app-child',

  templateUrl: './child.component.html',
  styleUrls: ['./child.component.css'],
  inputs: ['pdata'],
  outputs: ['cevent']
})
export class ChildComponent implements OnInit {
  constructor() {}

  ngOnInit() {
  }

  public pdata: string | undefined;
  cevent= new EventEmitter<string>();

  onChange(value:string){
    this.cevent.emit(value);
  }
}
```