

Passing data/inputs between components

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12:00 PM

Let's take an example of our previous component Address card

```
export class AddressCardComponent implements OnInit {
  user: any;
  constructor() {
    this.user = {
      name : 'Foo Bar',
      title: 'Software Developer',
      address: '1234 Main city, state, street - 43243',
      phone: [
        '123-123-1234',
        '123-123-9876'
      ]
    };
  }
  ngOnInit() {
  }
}
```

This address card is referred in parent - app.component.html

```
<app-address-card></app-address-card>
```

Now this component needs user name as input with properties

```
<app-address-card name="New Name"></app-address-card>
```

To accept this value in address ts code we have to use annotation
will imported from @angular/core

```
import { Component, OnInit, Input } from '@angular/core';
@Component({
  selector: 'app-address-card',
  templateUrl: './address-card.component.html',
  styleUrls: ['./address-card.component.css']
})
```

s defined

on @Input which

```

    })
    export class AddressCardComponent implements OnInit {
      user: any;
      @Input('name') name: String;
      constructor() {
      }
      ngOnInit() {
        this.user = {
          name : this.name,
          title: 'Software Developer',
          address: '1234 Main city, state, street - 43243',
          phone: [
            '123-123-1234',
            '123-123-9876'
          ]
        };
      }
    }

```

Code will be moved to ngOnInit() because constructor method member variables having input data.

<https://angular.io/guide/lifecycle-hooks>

doesn't initialize