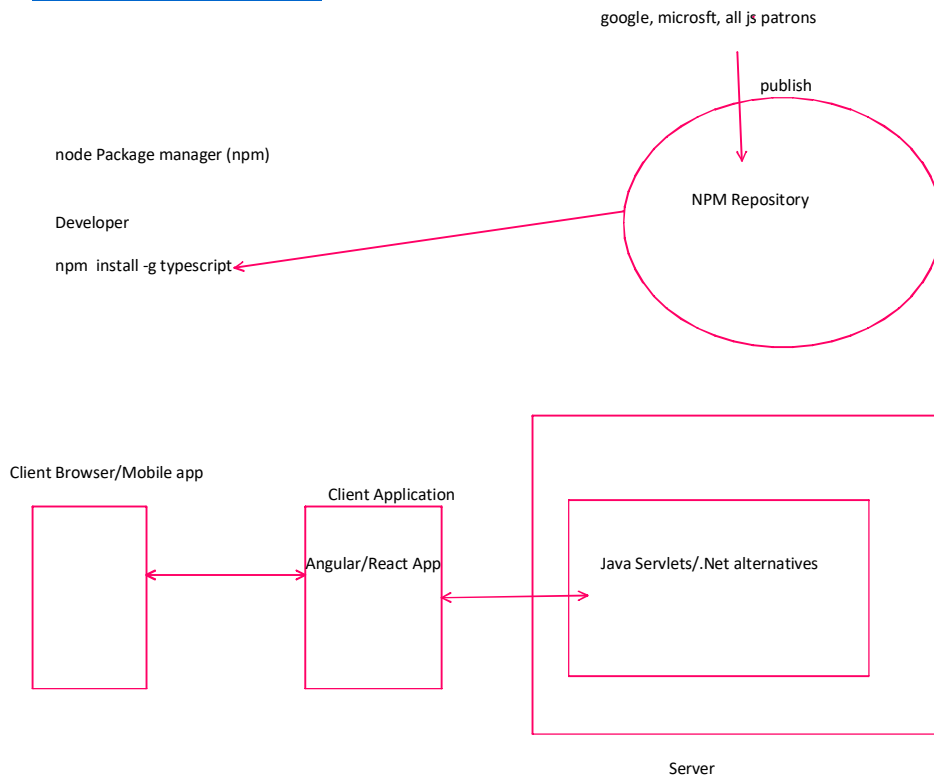


Angular@Wells Fargo

11 September 2023 09:08

1. <https://digitallabs.palmeto.co.in>
2. Open Chrome and type the following url

<https://github.com/sbtalk71/angular-wf>



1. set Execution-Policy on windows using Power Shell as admin
 - a) Open a powershell window as administrator
 - b) Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned
 - c) Select A option and enter

1a) npm install -g typescript

2. Install angular CLI
 3. from command Prompt use
- ```
>npm install -g @angular/cli
```

4. Create an Angular application named app1 as  
ng new app1

5. cd to app1
6. ng serve -o

once successfully compiled the server will be available at <http://localhost:4200>

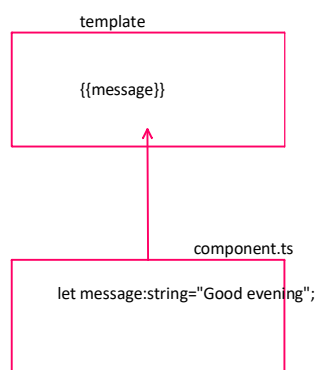
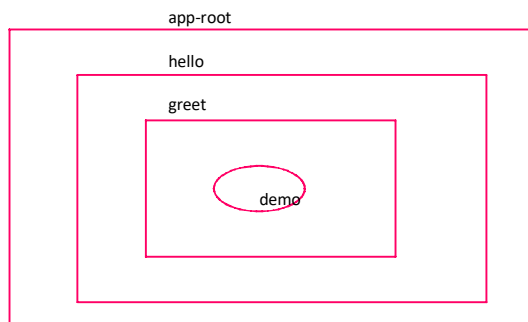
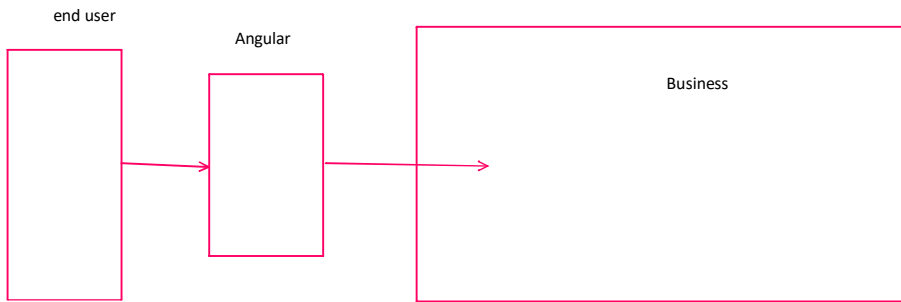
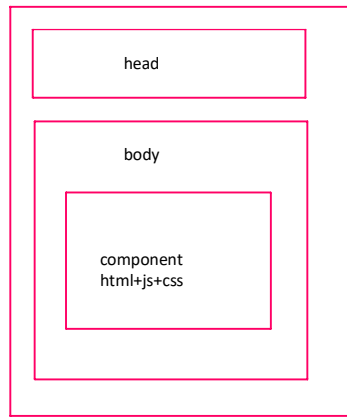
1. html
2. javascript
3. CSS : selector

```
h1 {
 color:green
}
```

```
<h1></h1>
<p></p>
```

```
<input ...>
Wsp-Angularxx
P@lmeto$123
```

html



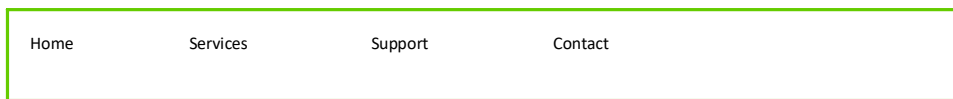
Angular JS

Typescript

Angular 2.0-16.x

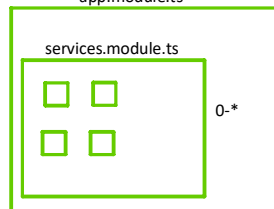
Java ==> Spring MVC/ Struts/JSP -- Multiple JSP/JSP files

index.html

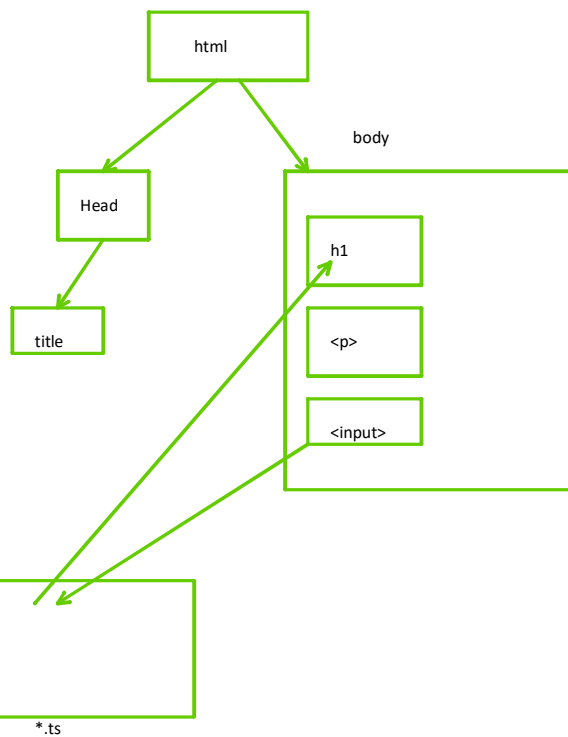
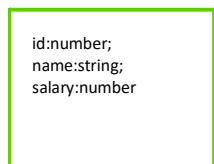


Module:  
1. JS/ES6  
2. Node  
3. Angular

app.module.ts



DOM (Document Object Model)



<input type="text" value="tiger" name="t1" id="i1" >

document.getElementById("i1").value

{{}}

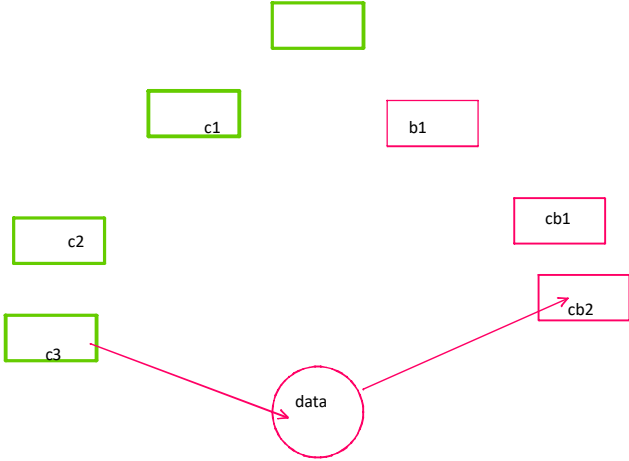
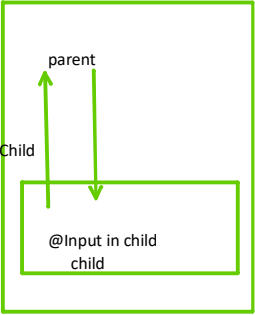
ng g directive <directive\_name>

<https://github.com/sbtaik71/angular-wf>

```
ps -ef | find 'ps_name'
'shantanu' | uppercase | slice:2:5 --> ANT
```

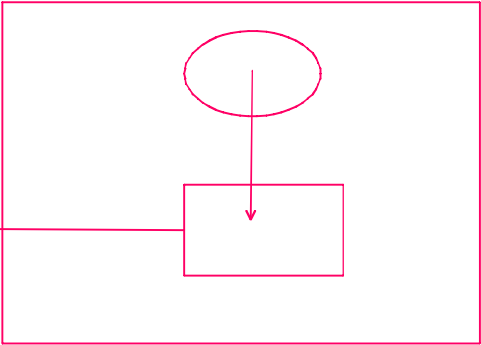
@Input()

@Output from Child



Inversion of Control

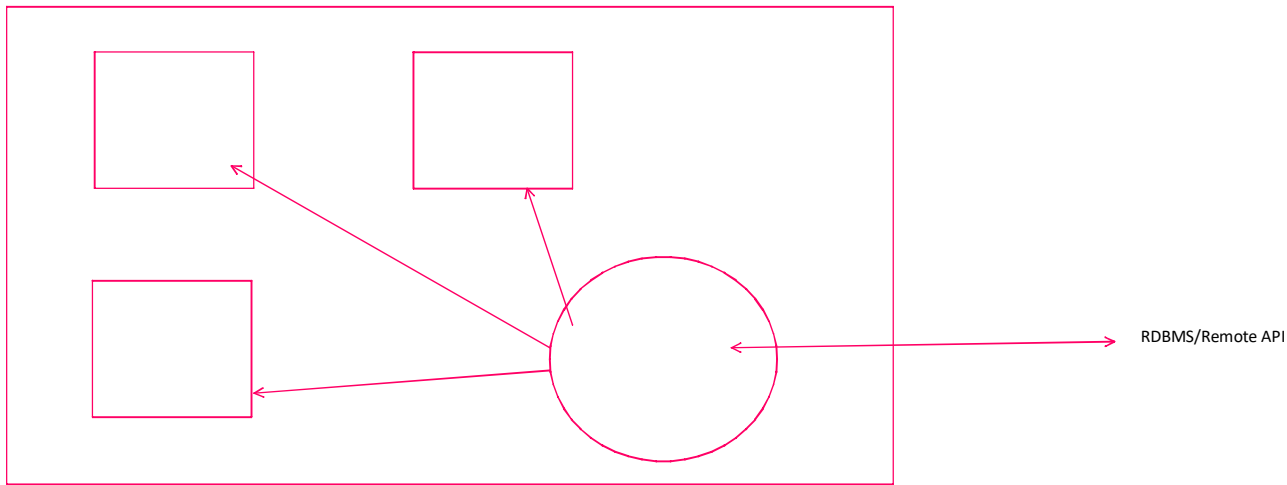
DI Container  
Injector



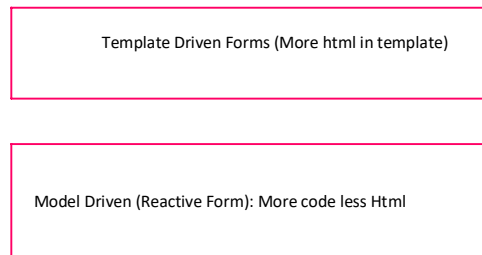
Redux

- Field Injection
- Setter Injection
- Constructor Injection

Angular Application

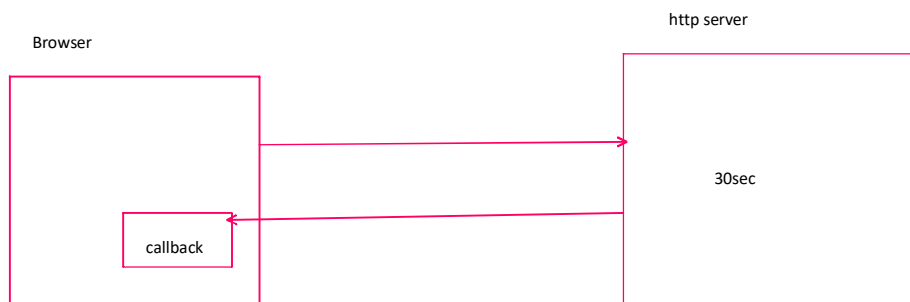


## Forms In Angular



## Model Driven Form

FormControl (input, select)  
 FormGroup({...formControl})  
 FormArray



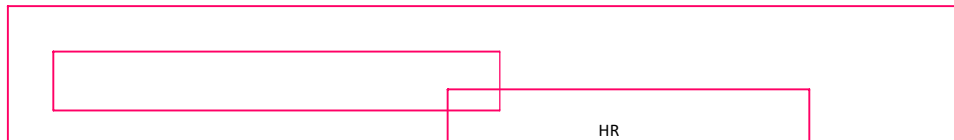
Responsive  
 Resilient  
 Scalable  
 Message Driven

RxJs ==> Observable

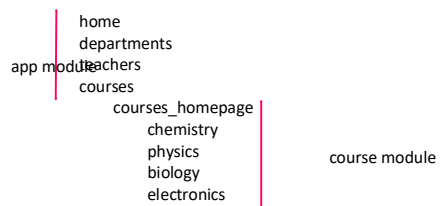
ReactiveX  
 RxJava  
 RxJS

Observer  
 Observable

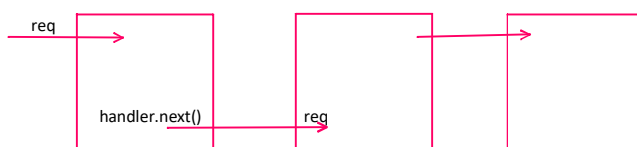
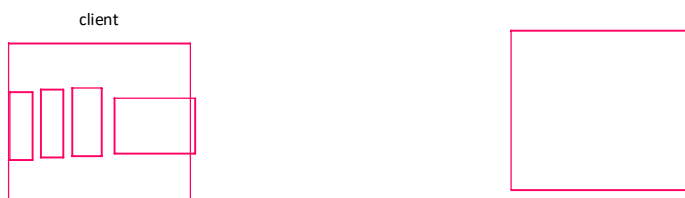
Project Reactor  
 Java9 Flow API



`ng g module hr --routing=true --routing-scope=Child`

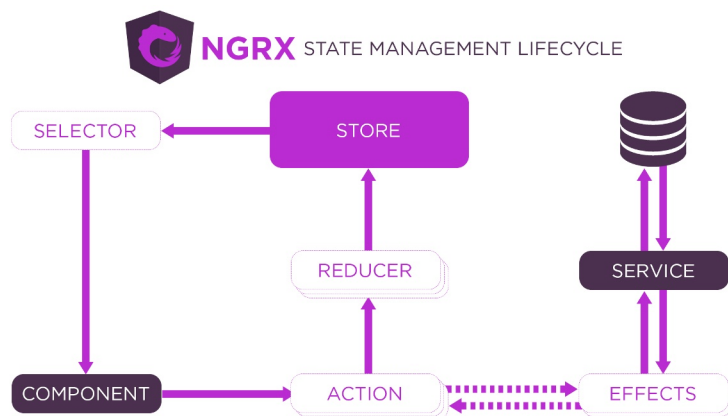


1. `ng new education` (add routes)
  - a. `ng g c home`
  - b. `ng g c teachers`
  - c. `ng g c departments`
1. `ng g module course --routing=true --routing-scope=Child`
  - i. `ng g c course/chemistry -m course`
  - ii. `ng g c course/physics -m course`
  - iii. `ng g c course/biology -m course`
  - iv. `ng g c course/electronics -m course`



0	0+1=1
1	1+2=3
	3+3=6
2	6+4=10
3	
4	
5	
6	
7	

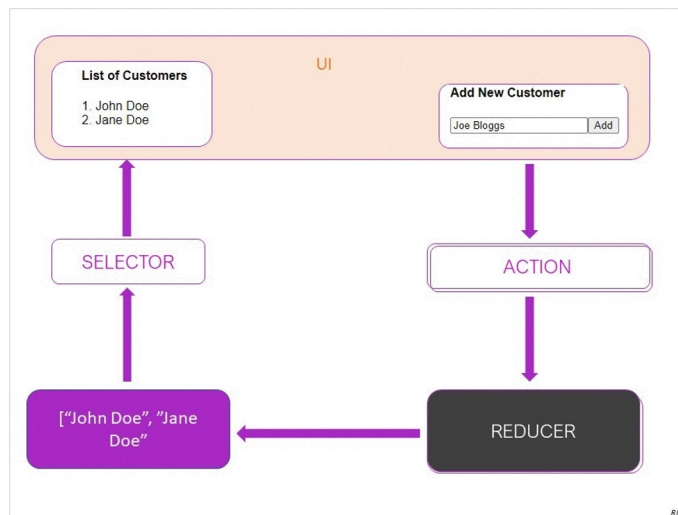
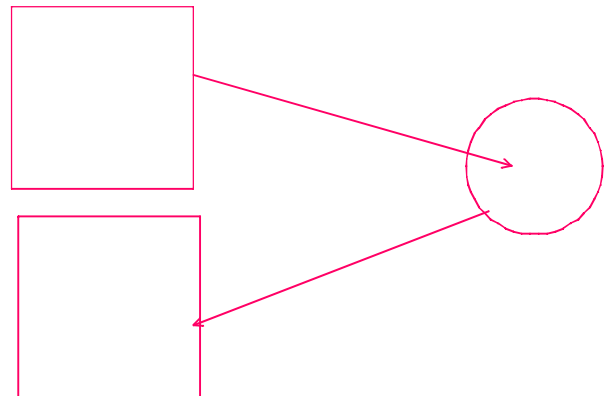
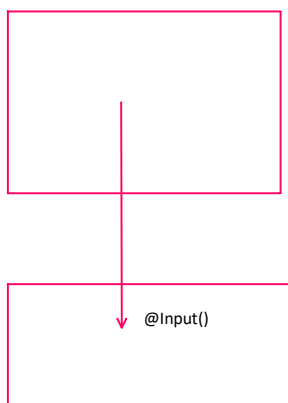
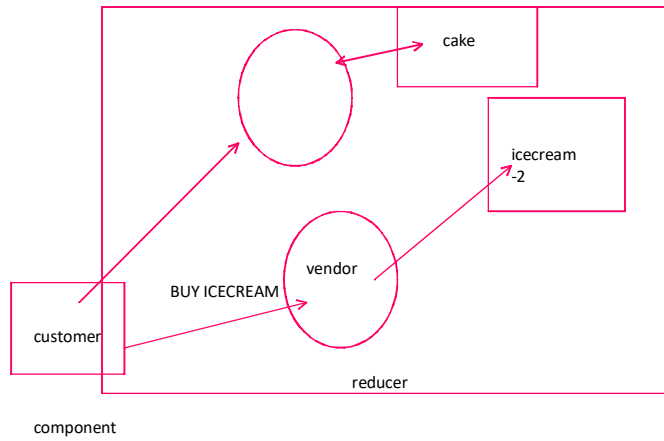
1



```

interface Action{
 type: String type: '[Customer] BUY_ICECREAM'
 payload: 2
}

```



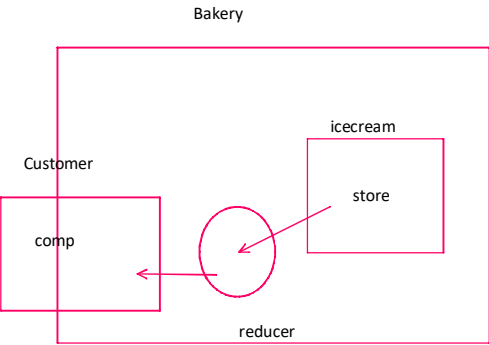
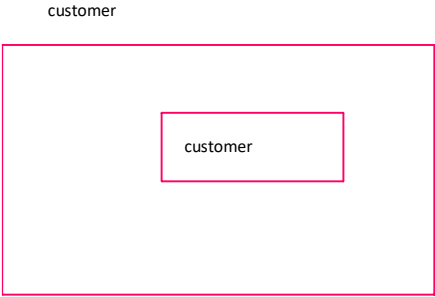


```
addCustomer(customer){

}
```

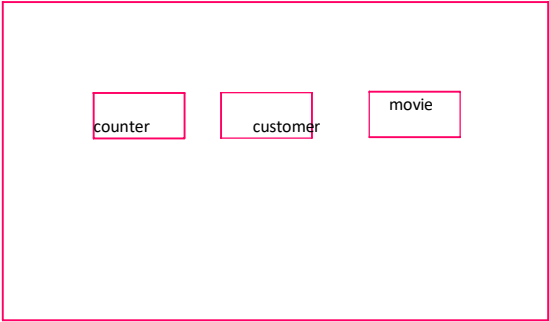
```
var car={make:'suzuki',model:'brezza',year:2015};
console.log(car);
var updated_car={...car,year:2022}; //here you are copying the old car and
overriding year
console.log(updated_car)

var fruits=["apple","banana","mango"];
var allFruits=[...fruits,"orange"];
console.log(allFruits);
```



```
interface Action{
 type:string
}
```

```
createAction()
```



```
double counter
```

```
1 1*2 =2
2 2*2=4
4 4*2=8
```