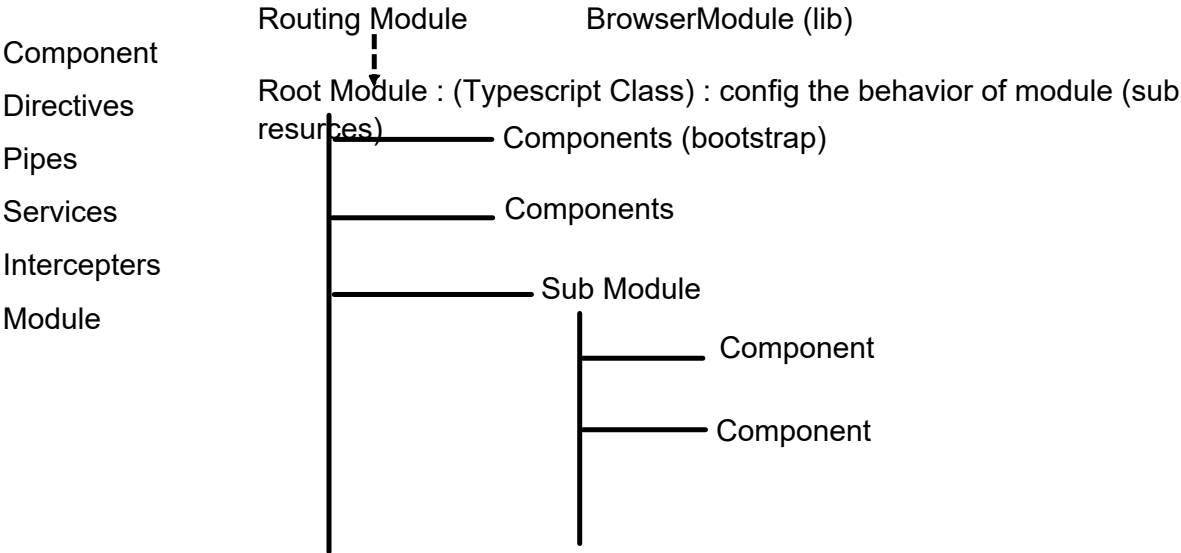


```
> npm install -g <api-name> --save  
(install the api and add an entry into package.json)  
  
# add new entry in package.json  
<api-name> : <version>  
> npm install  
# finds package.json  
(download and install dependencies listed in the file)
```



Javascript Testing framework : JASMINE (available)

Test Runner : Karma (available)



## Components

4 files

1. html : UI (optional)
2. ts : Typescript classes
3. css : Custom Stylesheet (optional)
4. spec.ts : unit test code (optional)

## New Component Creation

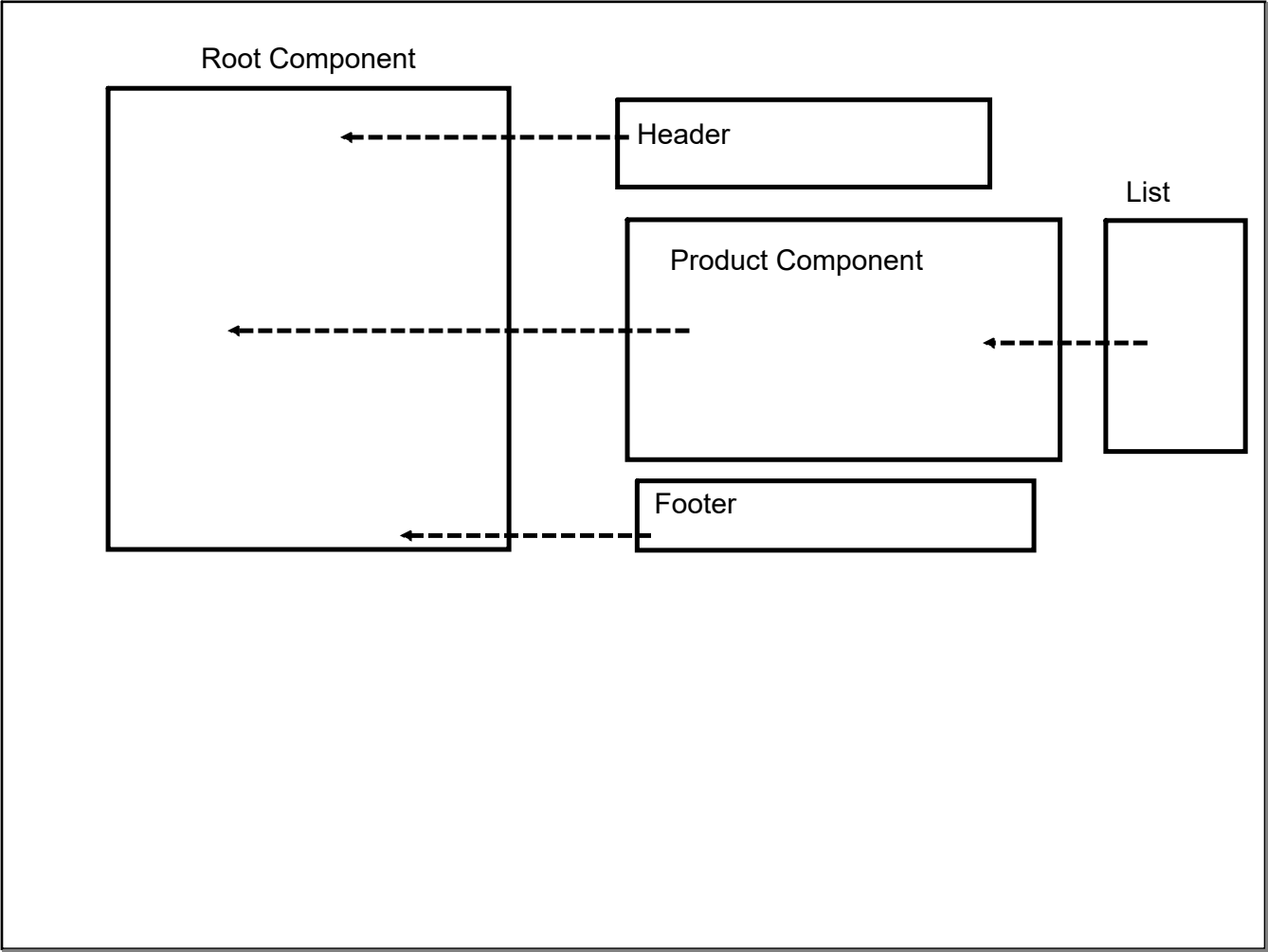
> ng generate component <comp-name>

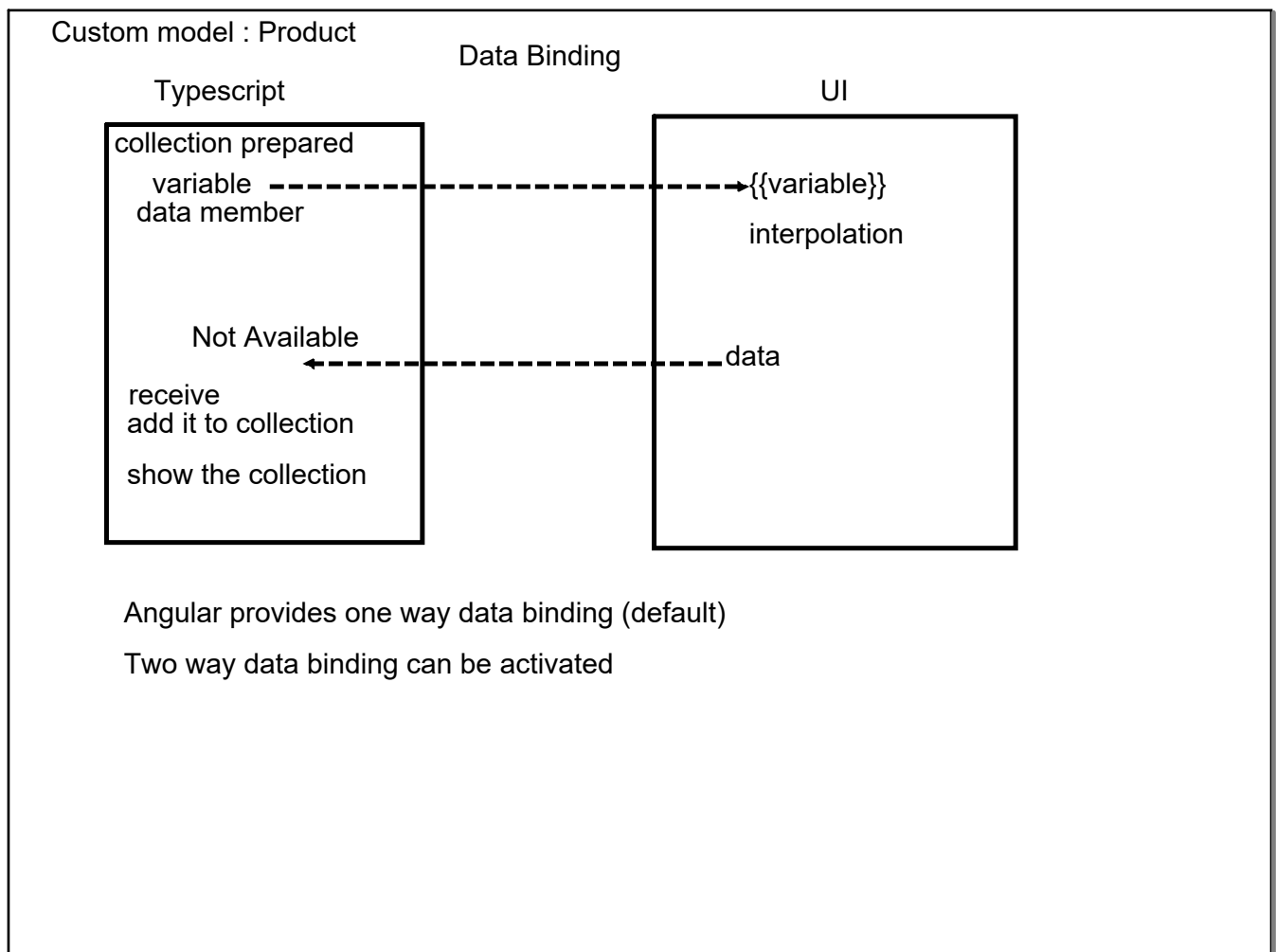
> ng g c <comp-name>

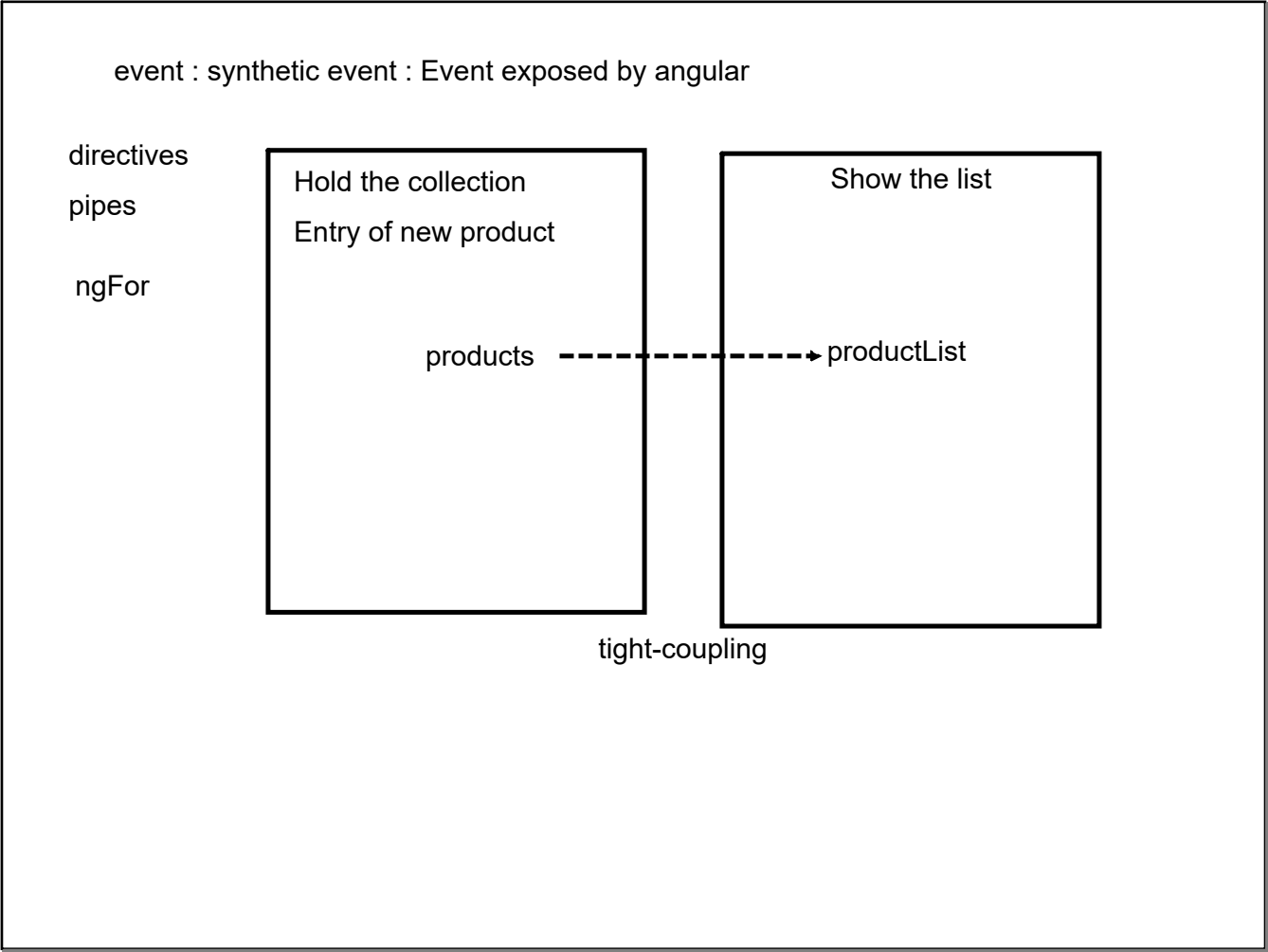
Entry Form to add new product

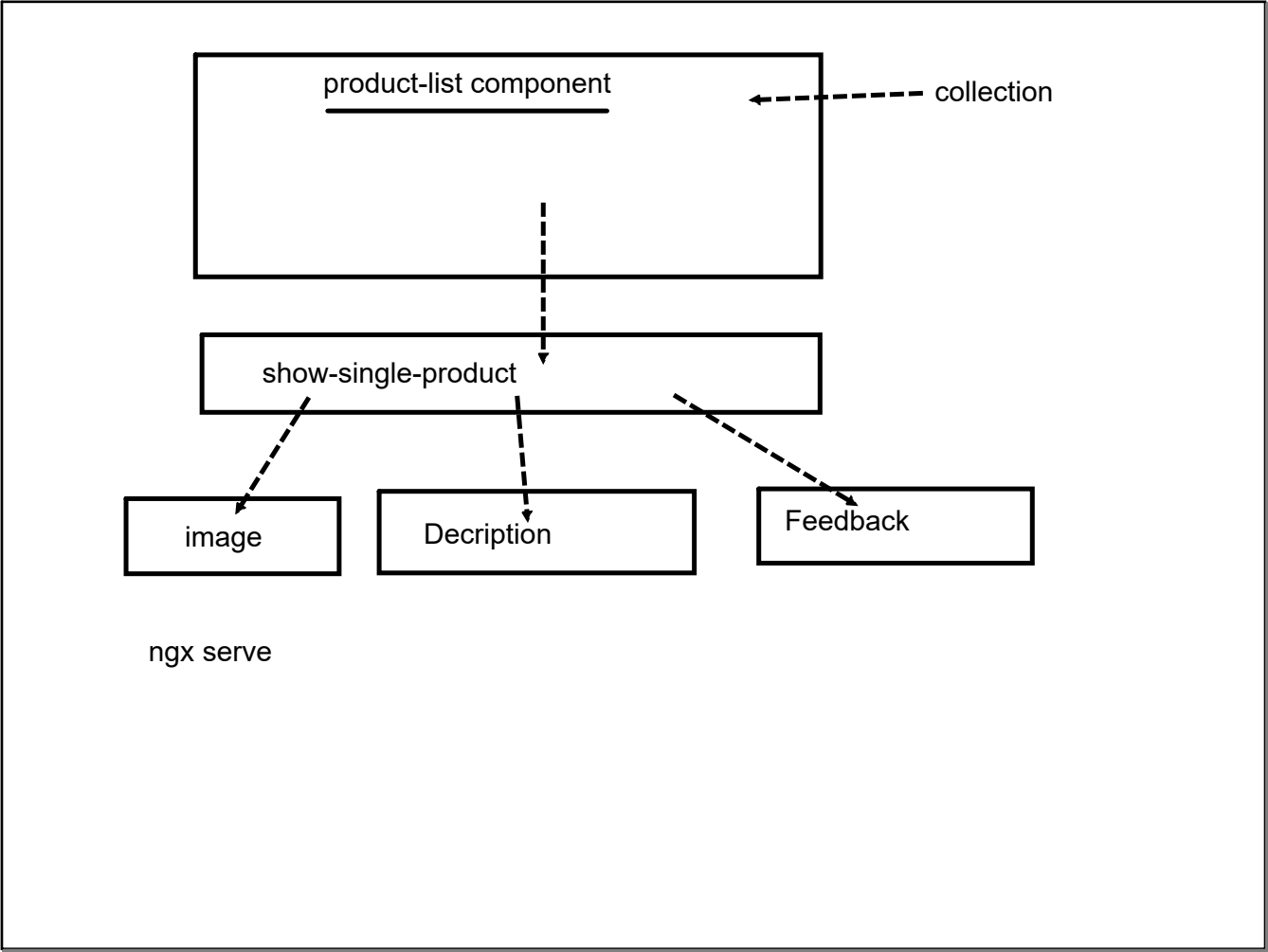
Listing of all products

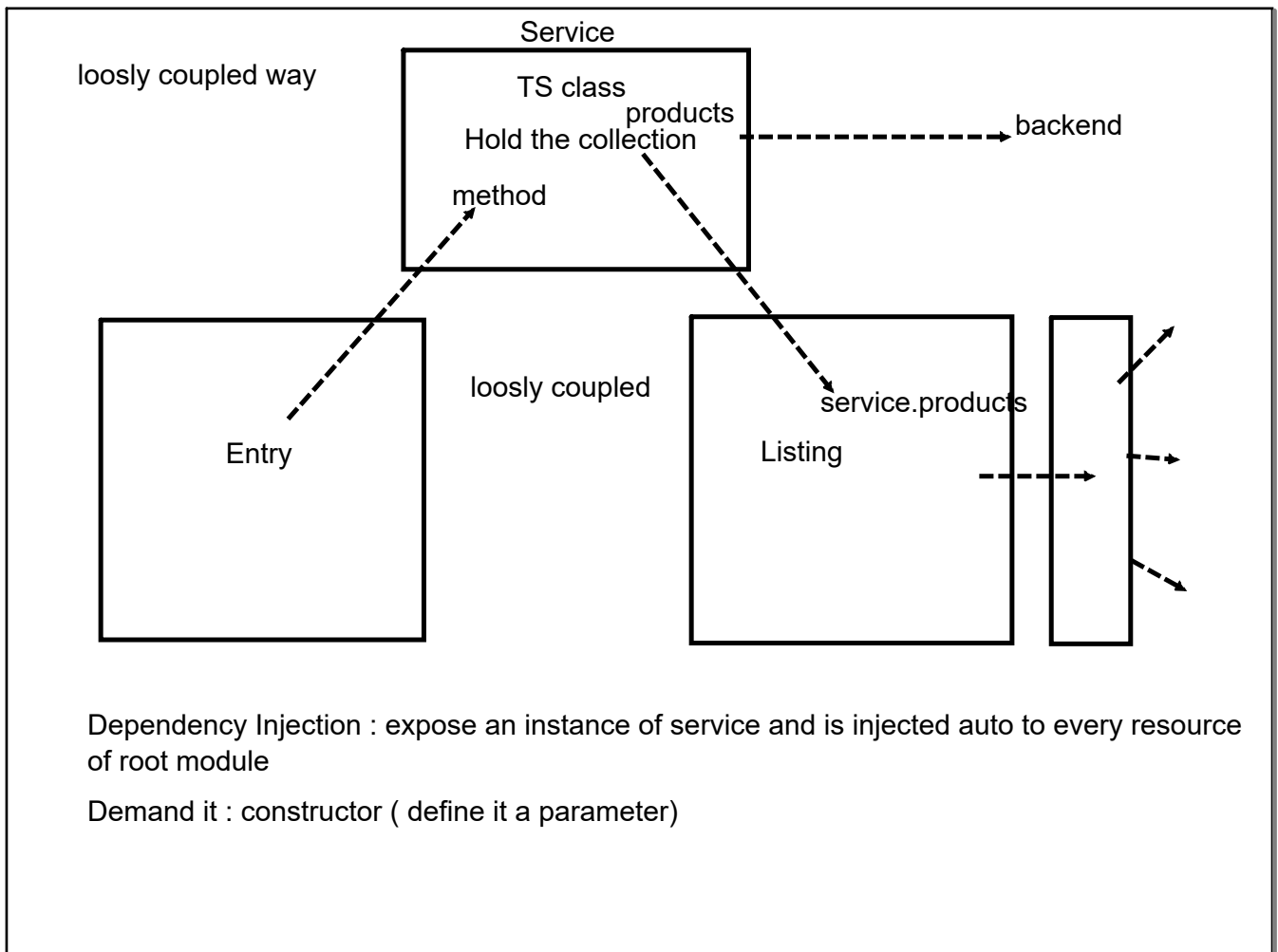
Single Component  
Two Component  
Three Component



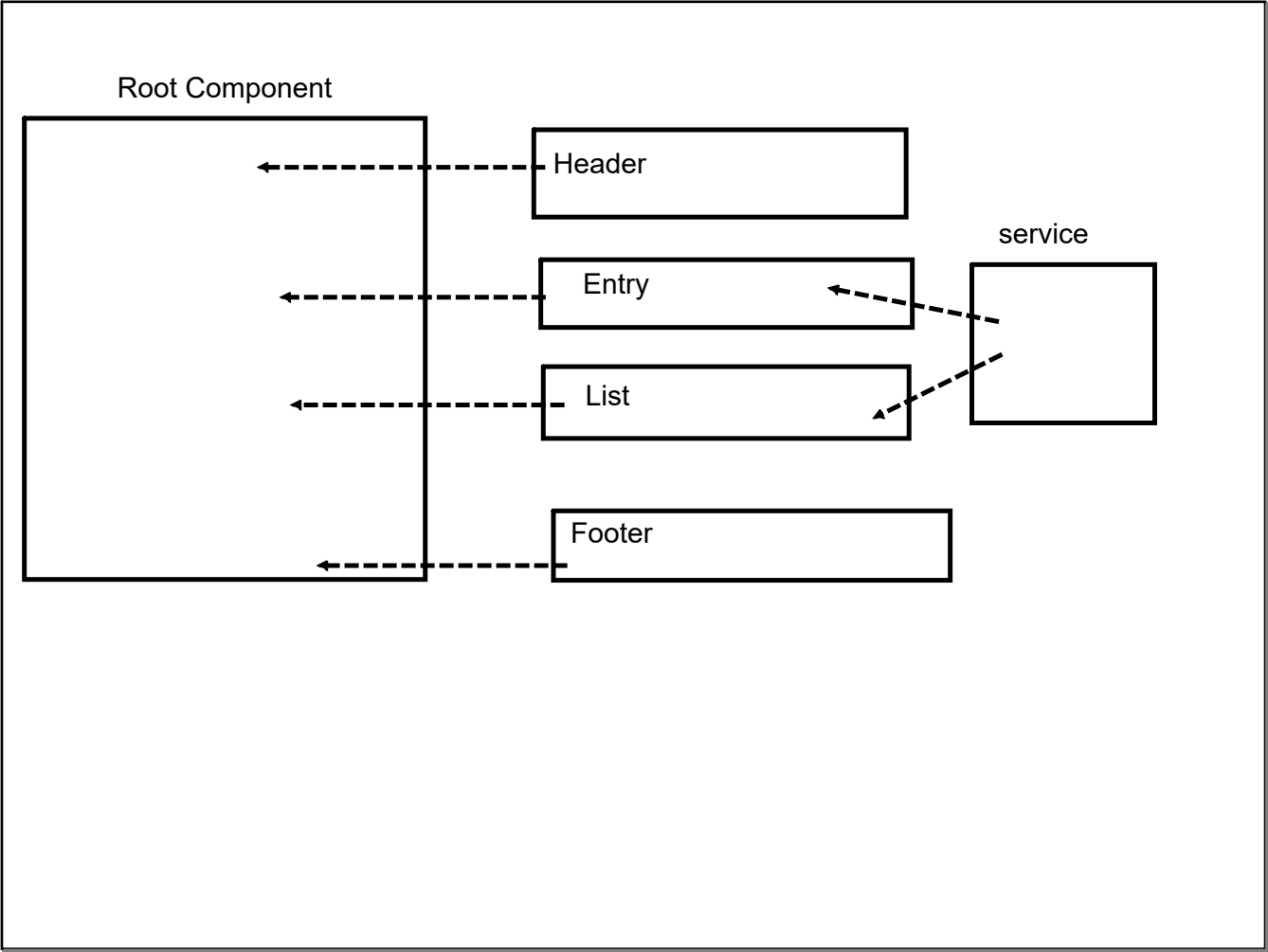












## Directive : Structural: DOM Tree

ngFor

ngIf

ngSwitch

based on condition : allows to show or hide some content

Presentation  
directive

[ngStyle]

[ngClass]

Routing

Forms

HTTP Client (backend)