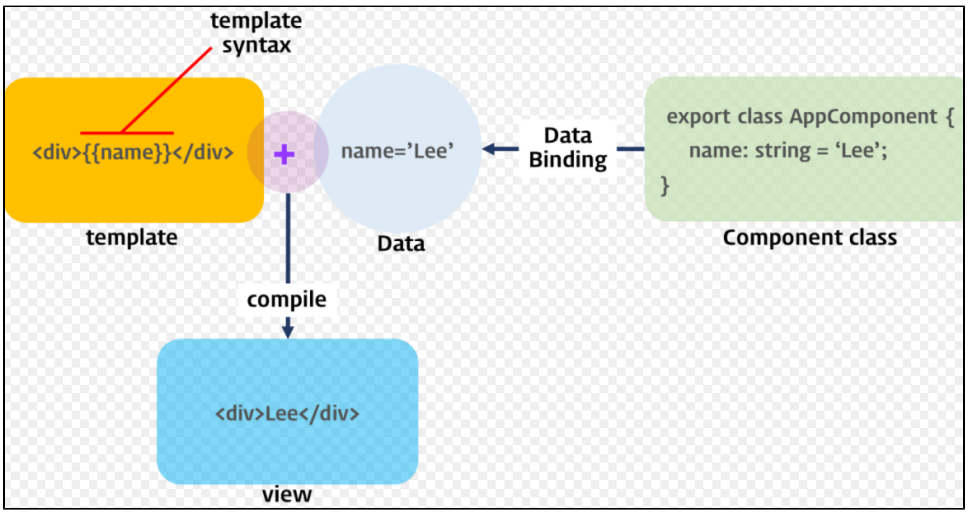
04-MVC with JPA

> 3 JPA API, JSON
>
> .
>
> View(Html) .
>
> Model(data) / View(html) / Controler(router,api) MVC .

View

View



JS

(SPRING,ASP.NET,NODE.JS)

.

html ,

html .

MVC

SPRING .

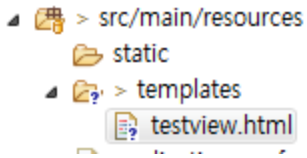
Thmeleaf

View , html ? ? .

> Node.js Jade vs EJS .
>
> Jade , html
>
> Html . html .
>
> , ... html
>
> .

Spring Html Thmeleaf View MVC .

```
<dependency>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-thymeleaf</artifactId>
</dependency>
```



SPRING , resources/templates .

testview.html

```
<!DOCTYPE HTML>

<html xmlns:th="http://www.thymeleaf.org">
<head>
    <title>Getting Started: Serving Web Content</title>
</head>
<body>
    <div th:each="item : ${peopleList}">
       <p th:text="${item.name}">SomeName</p>
       <p th:text="${item.email}">SomeEmail</p>
    </div>
</body>
</html>
```

,- .

th:each peopleList item .

```
for( item in peopleList ) {
        console.log( item.name );
        console.log( item.email );
}


 ,
   html  .
```

View Controler

```
@Controller
@RequestMapping(path="/")        //   Router .
public class UserSearchAPI {

        @Autowired
        private UserPageRepo userPageRepo;

        @GetMapping(path="/usersearch") //    .
        public @ResponseBody List<User> userSearch(
                        @RequestParam String name,
                        @RequestParam int pagenum,
                        @RequestParam int pagesize

        ){
                PageRequest pageReq = new PageRequest(pagenum, pagesize);
                Page<User> userPage =userPageRepo.findByNameContaining(name,pageReq);
                return userPage.getContent();
        }

        @GetMapping(path="/peopleView")
        public String  peopleView( HttpServletResponse response,HttpServletRequest request, Model model )
throws UnsupportedEncodingException {
                PageRequest pageReq = new PageRequest(0, 10);
                Page<User> userPage =userPageRepo.findAll(pageReq);
                // Set Model
                model.addAttribute("peopleList", userPage.getContent() );
                return "testview";
        }
}
```

userSearch() 3 , Json

peopleView() View .

localhost:8080/peopleView .

thmeleaf , 3 .

```
model.addAttribute("peopleList", userPage.getContent() );
```

controller .

```
return "testview";
```

thymeleaf , html (pre,)

view (resources/templates/testview.html) .

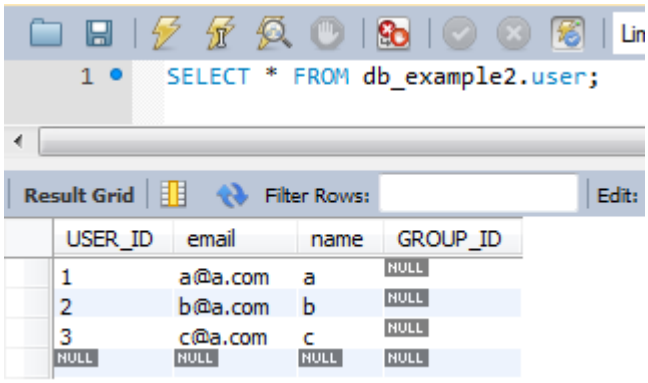
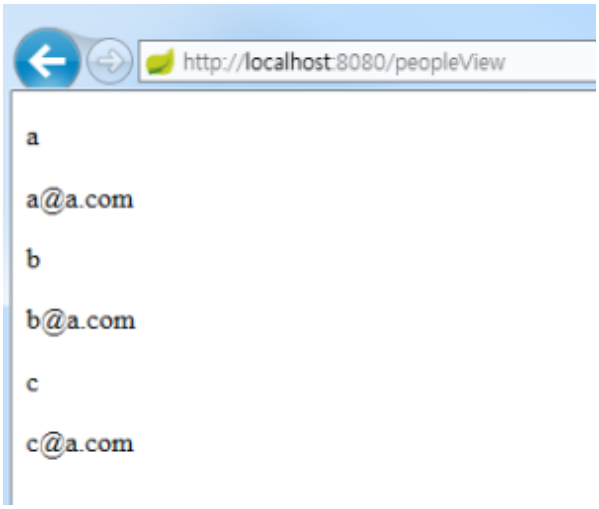
html

```
<div th:each="item : ${peopleList}">
```

, html .

, .

http://www.thymeleaf.org/doc/tutorials/2.1/usingthymeleaf.html#order-list

Data	View
	

DB Html .

. html .

Html/CSS .

Angular.JS JPA CRUD , MVC .

http://websystique.com/spring-boot/spring-boot-angularjs-spring-data-jpa-crud-app-example/