

Spring MVC 4.1 新增 @JsonView注解使用

对jsonview很久也没有理解怎么使用，今天看到一篇文章解释的很清楚，现总结如下：

@JsonView注解用来过滤序列化对象的字段属性，简单来说就是定义一个标签，根据controller的JsonView属性，将实体类中不同标签的属性进行分类显示。

例：

首先定义一个view类，有两个接口Summary 和SummaryWithDetail：

```
1 public class View {
2     public interface Summary {}
3     public interface SummaryWithDetail extends Summary{}
4 }
5 1
6 2
7 3
8 4
9 1
10 2
11 3
12 4
```

然后定义一个实体类User，选择属性分别加上注解@JsonView(View.Summary.class) 或 @JsonView(View.SummaryWithDetail.class)

```
1 public class User {
2
3     @JsonView(View.Summary.class)
4     private Long id;
5     @JsonView(View.Summary.class)
6     private String firstname;
```

```
7   @JsonView(View.Summary.class)
8   private String lastname;
9
10  @JsonView(View.SummaryWithDetail .class)
11  private String email;
12  @JsonView(View.SummaryWithDetail .class)
13  private String address;
14
15  private String postalCode;
16  private String city;
17  private String country;
18
19  ...
20 }
21 1
22 2
23 3
24 4
25 5
26 6
27 7
28 8
29 9
30 10
31 11
32 12
33 13
34 14
35 15
36 16
37 17
38 18
39 19
40 20
41 1
42 2
43 3
44 4
45 5
46 6
47 7
48 8
49 9
50 10
51 11
52 12
```

```
53 13
54 14
55 15
56 16
57 17
58 18
59 19
60 20
```

定义Controller类，加上@JsonView注解：

```
1  @RestController
2  public class UserRestController{
3      @Autowired
4      private UserService userService;
5
6      @RequestMapping("/user")
7      @JsonView(View.Summary.class)
8      public List<User> getUsers(){
9          return userService.listUsers();
10     }
11
12     @RequestMapping("/userWithDetail")
13     @JsonView(View.SummaryWithDetail.class)
14     public List<User> getUsersWithDetail(){
15         return userService.listUsers();
16     }
17 }
18 1
19 2
20 3
21 4
22 5
23 6
24 7
25 8
26 9
27 10
28 11
29 12
30 13
31 14
```

```
32 15
33 16
34 17
35 1
36 2
37 3
38 4
39 5
40 6
41 7
42 8
43 9
44 10
45 11
46 12
47 13
48 14
49 15
50 16
51 17
```

访问/user时，使用的注解是@JsonView(View.Summary.class)，所以仅显示注解为@JsonView(View.Summary.class)的属性，结果为：

```
[
  { "id" : 1, "firstname" : "Brian" , "lastname" : "Clozel" },
  { "id" : 2, "firstname" : "Stéphane" , "lastname" : "Nicoll" },
  { "id" : 3, "firstname" : "Rossen" , "lastname" : "Stoyanchev" }
]
```

访问/userWithDetail时，使用的注解是@JsonView(View.SummaryWithDetail.class)，结果显示注解为@JsonView(View.SummaryWithDetail.class)的属性，同时由于SummaryWithDetail继承于Summary，结果也包含注解为@JsonView(View.Summary.class)的属性，结果为：

```
[
  {
    "id" : 1,
    "firstname" : "Brian" ,
    "lastname" : "Clozel" ,
    "email" : "brian@163.com" ,
    "address" : "beijing China"
```

```
},  
{  
  "id" : 2,  
  "firstname" : "Stéphane" ,  
  "lastname" : "Nicoll" ,  
  "email" : "nicoll@163.com" ,  
  "address" : "beijing China"  
},  
{  
  "id" : 3,  
  "firstname" : "Rossen" ,  
  "lastname" : "Stoyanchev" ,  
  "email" : "stoyanchev@163.com" ,  
  "address" : "beijing China"  
}  
]
```

来源: <http://blog.csdn.net/z69183787/article/details/77776020>