

**Concorso per titoli ed esami di cui al bando n. 22115/2020 per un posto per il profilo professionale di Tecnologo di III livello professionale, per assunzione a tempo indeterminato presso l'Amministrazione Centrale dell'INFN.**

### Prova 1

1. Illustrare il pattern "Inversion of control" (IoC) nell'ambito della programmazione Java.
2. Fonte: stackoverflow.com (Spring Boot not serving static content)

## Spring Boot not serving static content

Asked 7 years, 4 months ago Active 4 months ago Viewed 200k times

- I can't get my Spring-boot project to serve static content.
- 198 I've placed a folder named `static` under `src/main/resources`. Inside it I have a folder named `images`. When I package the app and run it, it can't find the images I have put on that folder.
- I've tried to put the static files in `public`, `resources` and `META-INF/resources` but nothing works.
- If I `jar -tvf app.jar` I can see that the files are inside the jar on the right folder:  
`/static/images/head.png` for example, but calling:  
`http://localhost:8080/images/head.png`, all I get is a 404

Any ideas why spring-boot is not finding this? (I'm using 1.1.4 BTW)

spring spring-mvc spring-boot

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edited Feb 20 '19 at 15:31

asked Jul 9 '14 at 18:31

 Raedwald  
42k • 36 • 134 • 221

 Vinicius Carvalho  
3,685 • 2 • 21 • 28

- 8 The default resource handling maps to `/**`. I'd double-check that it's enabled. If it is, you'll see a line that ends with "Mapped URL path `[/**]` onto handler of type [class `org.springframework.web.servlet.resource.ResourceHttpRequestHandler`]" in the output when you start your app. Another possibility is a controller of your own that's also mapped to `/**` and is taking precedence over the resource handler. Posting the output of your app's startup would make it easier for us to see what's going on. – Andy Wilkinson Jul 9 '14 at 20:24 ✓
- 16 I'm guessing you have `@EnableWebMvc` (or equivalent) in your app. That would switch off the default Boot MVC config. – Dave Syer Jul 11 '14 at 19:10
- 3 Nope, I don't have `@EnableWebMvc` anywhere. I don't get this. Now its happening with templates as well. Any of my templates (freemarker) are being found by the classloader of spring boot.  
– Vinicius Carvalho Jul 15 '14 at 20:58
- 2 I am running into a similar issue and have had no luck with any of the recommended resolutions provided. If someone could be so kind to take a look and point out exactly what it is I am doing wrong it would be much appreciated!!! [github.com/kylebboer/kbss](https://github.com/kylebboer/kbss) – Kylie S. Bober Mar 24 '15 at 18:20
- 3 I found that if I have a file `src/main/resources/public/style.css`, then the url for that is `/style.css` and not `/public/style.css` as I expected. – Dave Apr 3 '15 at 4:28

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## Prova 2

1. Illustrare il concetto di "Dependancy Injection" nel linguaggio Java.
2. Fonte: stackoverflow.com (JSON Java 8 LocalDateTime format in Spring Boot)

### JSON Java 8 LocalDateTime format in Spring Boot

Asked 6 years, 7 months ago Active 1 month ago Viewed 219k times

I'm having a small problem with formatting a Java 8 LocalDateTime in my Spring Boot Application. With 'normal' dates I have no problem, but the LocalDateTime fields are converted to the following:

```
137
"startDate": {
    "year": 2010,
    "month": "JANUARY",
    "dayOfMonth": 1,
    "dayOfWeek": "FRIDAY",
    "dayOfYear": 1,
    "monthValue": 1,
    "hour": 2,
    "minute": 2,
    "second": 0,
    "nano": 0,
    "chronology": {
        "id": "ISO",
        "calendarType": "iso8601"
    }
}
```

While I would like convert it to something like:

```
"startDate": "2015-01-01"
```

My code looks like this:

```
@JsonFormat(pattern="yyyy-MM-dd")
@DateTimeFormat(iso = DateTimeFormat.ISO.TIME)
public LocalDateTime getStartDate() {
    return startDate;
}
```

But either of the above annotations don't work, the date keeps getting formatted like above.  
Suggestions welcome!

AP  
WP

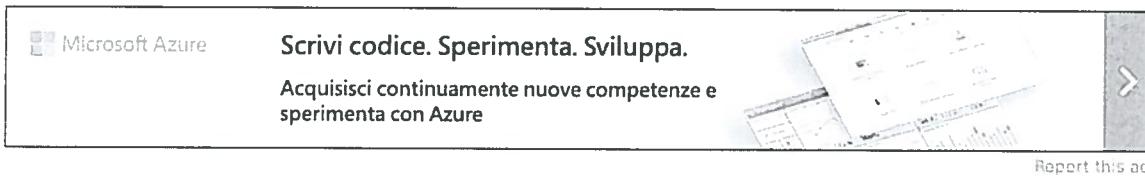
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### Prova 3

1. Illustrare il funzionamento e l'utilità dei "breakpoint" in un IDE.
2. Fonte: stackoverflow.com (How to configure port for a Spring Boot application)

## How to configure port for a Spring Boot application

Asked 7 years, 10 months ago Active 1 month ago Viewed 879k times



How do I configure the TCP/IP port listened on by a Spring Boot application, so it does not use the default port of 8080.

936

java spring spring-boot server port

Share Improve this question Follow edited Mar 20 '19 at 7:32 asked Jan 13 '14 at 2:59 Tung 1,355 ● 4 ● 14 ● 32 Paul Verest 54k ● 42 ● 183 ● 304

6 If someone interested, here is shown how to have multiple ports - [stack overflow.com/questions/36357135/...](https://stackoverflow.com/questions/36357135/) – Betlista Feb 9 '18 at 13:21

if you use "yml" file for configuration then you can use this server: port: 8081 Also annotate your main class as "@SpringBootApplication" and remove @ EnableAutoConfiguration – Keaz Jun 23 '18 at 7:52

your project [application.properties] for add the server.port=8080 – Lahiru Samishka Oct 8 '19 at 11:07

set server.port=8080 in application properties. this configuration is in ServerProperties.class class under org.springframework.boot.autoconfigure.web . – Atif Mar 11 '20 at 10:12

Add a comment

AP  
DD

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#### Prova 4

1. Illustrare, con esempi, il funzionamento di un sistema di autenticazione in ambito microservizi.
2. Fonte: stackoverflow.com (Springboot Security hasRole not working)

#### Springboot Security hasRole not working

Asked 4 years, 9 months ago Active 2 days ago Viewed 14k times

 I'm unable to use `hasRole` method in `@PreAuthorize` annotation. Also `request.isUserInRole("ADMIN")` gives `false`. What am I missing? Although `.hasAuthority("ADMIN")` works fine.  
12

 I am assigning authorities to the users from a database.

 spring-boot spring-security

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edited Jan 30 '17 at 23:18

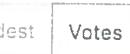
 dur  
13.8k 21 68 105

asked Jan 30 '17 at 22:23

 arvind.mohan  
764 2 10 21

 Post a comment

#### 3 Answers

 Active  Oldest  Votes

 You have to name your authority with prefix `ROLE_` to use `isUserInRole`, see [Spring Security Reference](#).  
28

  
 The `HttpServletRequest.isUserInRole(String)` will determine if `SecurityContextHolder.getContext().getAuthentication().getAuthorities()` contains a `GrantedAuthority` with the role passed into `isUserInRole(String)`. Typically users should not pass in the "`ROLE_`" prefix into this method since it is added automatically. For example, if you want to determine if the current user has the authority "`ROLE_ADMIN`", you could use the following:

```
boolean isAdmin = httpServletRequest.isUserInRole("ADMIN");
```

Same for `hasRole` (also `hasAnyRole`), see [Spring Security Reference](#):

Returns `true` if the current principal has the specified role. By default if the supplied role does not start with '`ROLE_`' it will be added. This can be customized by modifying the `defaultRolePrefix` on `DefaultWebSecurityExpressionHandler`.

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## Prova 5

1. Illustrare, con esempi, il ciclo di vita del dato (codifiche, business objects, DTO, ...) dal sistema di persistenza fino alla renderizzazione finale.
2. Fonte: stackoverflow.com (Spring Boot Configure and Use Two DataSources)

### Spring Boot Configure and Use Two DataSources

Asked 6 years, 6 months ago Active 18 days ago Viewed 359k times

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How can I configure and use two data sources?

276 For example here is what I have for the first data source:

#### application.properties

```
#first db
spring.datasource.url = [url]
spring.datasource.username = [username]
spring.datasource.password = [password]
spring.datasource.driverClassName = oracle.jdbc.OracleDriver

#second db ...
```

#### Application class

```
@SpringBootApplication
public class SampleApplication
{
    public static void main(String[] args) {
        SpringApplication.run(SampleApplication.class, args);
    }
}
```

How do I modify application.properties to add another data source? How do I autowire it to be used by a different repository?

java spring spring-boot spring-mvc datasource

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edited Apr 28 '20 at 3:28  
 Dale K  
 19.5k 13 39 66

asked May 19 '15 at 23:03  
 juventus  
 2,772 3 9 7