Spring - read value from application.yml in @Entity class

Asked 1 year, 1 month ago   Active 8 months ago   Viewed 946 times

I have a entity class:

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```java
@Entity
@Table(name = "user")
@Data
@NoArgsConstructor
@AllArgsConstructor
@Builder(toBuilder = true)
public class User {

    @Id
    private long id;

    private String name;

    @Transient
    private String config;

    @PostLoad
    private void setConfig(){
        //I would like to initialize config (transient) field after loading from
    database using configuration from application.yml
    }
```

In setConfig() I would like to read values from application.yml. What is the possibility to read this? @Value not working. I try also use static class but static class not read values from configuration file.

java   spring   spring-boot

asked May 3 '19 at 9:52

@Deadpool because I use Spring Data Rest and `@Transient` field. I would like to initialize this field for every objects after reading from database (using `@PostLoad`). I must use string from configuration application.yml file. – user11149927   May 3 '19 at 15:08

1 Answer

`@Value` will work only when used in a spring managed bean. Entities however are not managed by Spring.

3

One solution would be to read the value in some managed bean at boot time and then store to some static variable, then you can just read the value of this variable inside your `setConfig()` method.

```
@Configuration
public class ApplicationStartupConfig implements
ApplicationListener<ApplicationReadyEvent> {

    @Autowired
    private Environment env;

    public static String prop;

    @Override
    public void onApplicationEvent(final ApplicationReadyEvent event) {
        prop = env.getProperty("property.path");
    }
}
```

edited Oct 4 '19 at 12:51   answered May 3 '19 at 10:09

                                                    Ahmed Abdelhady
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