7.18

Spring data rest is used to write apis , automatically , it used to avoid boilerplate code for controller layer.

Suppose , we are creating three services , user , review , and hotel , then we have to do controller , service and repo layer for all three services , but this thing we can eliminate using spring data rest.

And api it will create is like ,

For User :- /users

Hotel :- /hotels

Review:- /reviews

Simple pluralize forms , starting with small caps

Spring data rest rest apis are hateos compliance.

To do this , just need to add spring data jpa repository.

Here we don’t need to create rest api and controller layer

It just we want to insert data and then just

Normally hit api like/users

It will get the all data along with the api url , from which we can hit and get the data . like what…

/users/1

Like this.

28 min.

Also we can provide base path in application.properties

Like spring.data.rest.base-path =/api/v1/

So we get the url is like /api/v1/user

But what if we want something inplace of user like

Api/v1/member

Then we can do that using annotation

@RepositoryRestResources(path = “members”)

On repository interface .

We can set and alter the page ,size and sort from either url by using query paramenter

And from application.properties as well.

Suppose we create one query method , now how can we call that

One way is

From url

Add

Search/findByname?fname=amol

Here search is used for query method selection

findByname is the method is the method name that we describe

and fname is the query parameter..