Lab 2.4

Projections and Excerpts

Create a Projection class, Person, in the same package as your Repositories. Create three attributes (abstract methods);

- String getFirstName();
- String getSurname();
- String getId();

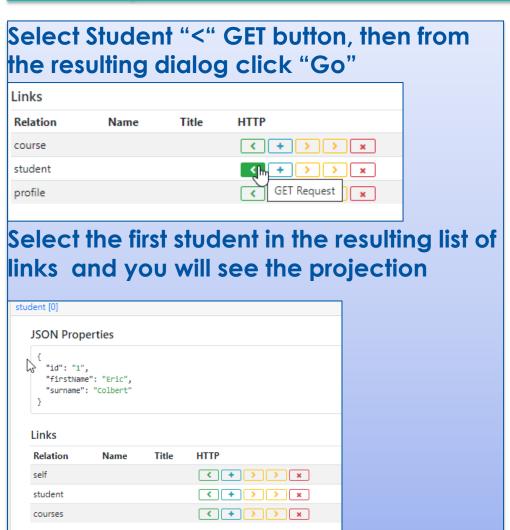On the StudentRepository add the excerpt attribute i.e.
@RepositoryRestResource(collectionResourceRel = "student", path = "enrollments", excerptProjection = Person.class)

Relaunch your Spring Boot Application, Navigate to http://localhost:8080/

You will be redirected to the HAL Explorer at http://localhost:8080/explorer/index.html#uri=/

Lab 2.4

The Excerpt

Select Student "<" GET button, then from the resulting dialog click "Go"

Links

Relation	Name	Title	HTTP
course			`<` `+` `>` `>` `x`
student			`<` `+` `>` `>` `x` GET Request
profile			`<` `x`

Select the first student in the resulting list of links and you will see the projection

student [0]

JSON Properties

```
{
    "id": "1",
    "firstName": "Eric",
    "surname": "Colbert"
}
```

Links

Relation	Name	Title	HTTP
self			`<` `+` `>` `>` `x`
student			`<` `+` `>` `>` `x`
courses			`<` `+` `>` `>` `x`

Select the student "<" GET, then the "Go" button in the resultant dialog, and you will see the student entity in full detail

JSON Properties

```
{
    "firstName": "Eric",
    "surname": "Colbert",
    "dept": "Chemistry",
    "fees": 150
}
```