REST Call Format

<https://stackoverflow.com/questions/31089221/what-is-the-difference-between-put-post-and-patch#:~:text=Here%20is%20a%20simple%20description,always%20for%20updating%20a%20resource>

@Path("itc")

public class ITCInfotechServices {

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String getOrganisationName() {

**//GET http://localhost:8080/jersey-spring-rest/itc**

return "ITC Infotech, Bangalore, Karnataka";

}

@Path("/address")

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String getAddress() {

**// GET : http://localhost:8080/itcrestful/itc/address**

return "ITC Infotech India Limited, 18, Banaswadi Main Rd, Maruthi Sevanagar, Bangalore, 560005";

}

@Path("/address/{areaCode}")

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String getAddressByCode(@PathParam("areaCode") String areaCode) {

**// GET http://localhost:8080/jersey-spring-rest/itc/address/USA**

}

@Path("/regionaladdress/{areaCode}")

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String getAddressByCountry(@PathParam("areaCode") String areaCode,

@QueryParam("country") String country) {

**//GET http://localhost:8080/jersey-spring-rest/itc/regionaladdress/Europe?country=FI**

}

@Path("/itcaddress")

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String getITCAddress(@MatrixParam("country") String country,

@MatrixParam("areacode") String areaCode) {

**// GET http://localhost:8080/jersey-spring-rest/itc/itcaddress;country=FI;areacode=europe**

return getAddressByCountry(areaCode, country);

}

@Path("/postaddress")

@POST

@Produces(MediaType.TEXT\_PLAIN)

public String postNGetITCAddress(@FormParam("country") String country,

@FormParam("areacode") String areaCode) {

**// http://localhost:8080/itcrestful/itc/postaddress**

return getAddressByCountry(areaCode, country);

}

In case of Firefox Rest Client

Set in the header

“name” = “Content-Type” and “value” = “application/x-www-form-urlencoded”

Then set the header as

country - FI

areacode - europe

In case of Chrome Postman

Click on x-www-form-urlencoded in Postman

country - FI

areacode - europe

@Path("/emp/{id}")

@GET

@Produces({ MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON })

public Response getEmployee(@PathParam("id") String id) {

**GET http://localhost:8080/itcrestful/itc/emp/id123**

}

@Path("/createemp")

@POST

@Consumes({ MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON })

@Produces({ MediaType.APPLICATION\_XML, MediaType.APPLICATION\_JSON })

public Response createEmp(Employee emp) {

}

Emp creation

**POST http://localhost:8080/jersey-spring-rest/itc/createemp**

For Emp creation

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<Emp>

<Name>Deba</Name>

<Age>23</Age>

<Email>deba@gmail.com</Email>

<Adrs>

<DoorNo>12-A</DoorNo>

<Street>Street-11</Street>

<City>Bangalore</City>

<Country>Karnataka</Country>

</Adrs>

</Emp>

or

{

"Name": "Deba",

"Age": 23,

"Email": "deba@gmail.com",

"Adrs": {

"DoorNo": "12-A",

"Street": "Street-11",

"City": "Bangalore",

"Country": "Karnataka"

}

}

Accept - application/xml or application/json

Content-Type ---------- application/xml or application/json

@POST

@Path("/upload")

@Consumes(MediaType.MULTIPART\_FORM\_DATA)

public Response uploadFile(FormDataMultiPart form) {

}

}