**Resources for Step 20 and 21**

Code Changes for Step 20 and 21 - <https://github.com/in28minutes/spring-microservices-v3/blob/main/02.restful-web-services/01-step-by-step-changes/v2.md#step-21>

URLs

URI Versioning

* V1: http://localhost:8080/v1/person
  + @GetMapping("/v1/person")
* V2: http://localhost:8080/v2/person
  + @GetMapping("/v2/person")

Request Param Versioning

* V1: http://localhost:8080/person?version=1
  + @GetMapping(path = "/person", params = "version=1")
* V2: http://localhost:8080/person?version=2
  + @GetMapping(path = "/person", params = "version=2")

Header Versioning

* V1: http://localhost:8080/person/header
  + HEADER - X-API-VERSION:1
  + @GetMapping(path = "/person/header", headers = "X-API-VERSION=1")
* V2: http://localhost:8080/person/header
  + HEADER - X-API-VERSION:2
  + @GetMapping(path = "/person/header", headers = "X-API-VERSION=2")

Content Negotiation Versioning

* V1: http://localhost:8080/person/accept
  + HEADER - Accept:application/vnd.company.app-v1+json
  + @GetMapping(path = "/person/accept", produces = "application/vnd.company.app-v1+json")
* V2: http://localhost:8080/person/accept
  + HEADER - Accept:application/vnd.company.app-v1+json
  + @GetMapping(path = "/person/accept", produces = "application/vnd.company.app-v2+json")

V1 Response

1. {
2. "name": "Bob Charlie"
3. }

V2 Response

1. {
2. "name": {
3. "firstName": "Bob",
4. "lastName": "Charlie"
5. }
6. }