RESTFul Services In Java Using Jersey

RESTFul Searching

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pluralsight
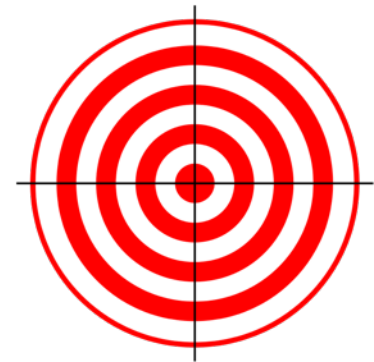hardcore developer training

RESTFul Searching

QueryParams

- **Simple and easy to use**
- **Typically used with GET**
  - **http://localhost:8080/exercise-services/webapi/activities?duration=55&description=swimming**
- **Cacheable since it is a GET**
- **Short comings**
  - No way to represent <, >, =, >=, <=, []
  - Subdirectories activity/user
  - No Domain Specific Language(DSL) for searching

Ranges

- **For simple cases**
  - from QueryParam
  - to QueryParam
- **http://localhost:8080/exercise-services/webapi/activities?durationFrom=30&durationTo=60**
- **Very limited, but still works**

First Class Citizen

- **More powerful than query params**
    - **Create a Search class**
    - **Build Criteria in the Search class**
    - **You can type searches as well (ENUMS)**
- **Used with a POST (creating a search)**
    - **http://localhost:8080/exercise-services/webapi/searches**
- **A little more cumbersome**
    - The client and server agree on more than just the url
    - Basically building a search API into your application

Summary

- **Searching using Query Params**

- **Searching ranges**

- **Search API using an Object**

- **Typed the Search using an ENUM**