

Design a restful api service by following CRUD in one of (NodeJS,Python,GO,JAVA) language

Here are the service details:

1. Service path resolve pattern `/file/{localSystemFilePath}?orderBy={orderBy}&orderByDirection={orderByDirection}&filterByName={filterByName}`

1-1 {localSystemFilePath} = the file path in service local file system

ex 1. : /file/root/usr/aabb/

ex 2. : /file/root/usr/aabb/test.txt

1-2 Support {orderBy} & {orderByDirection} & {filterByName} query to allow request have ability to search

1-3 {orderBy} support enum [lastModified, size, fileName]

1-4 {orderByDirection} support enum [Descending , Ascending]

1-5 {filterByName} support file name filter which only shows the results contains filter string in ignore case condition

2. **Request GET - if the request target is file.** Return binary stream to client, if query is applied, but no query result matched, should return HTTP code not found.

3. **Request GET - if the request target is directory.** Return json content as bellow, if query is applied, but no query result matched, should return HTTP code not found.

ex:

```
{
  "isDirectory": true,
  "files": [
    "README.md",
    "build.sh",
    ".dockerignore",
    ".gitignore",
    ".env.dev",
    "scripts/"
  ]
}
```

4. **Request POST** - To create a file in specified {localSystemFilePath}, client will send a binary form data with form key [file], if file existed not allow to operate.

5. **Request PATCH** - To update file in specified {localSystemFilePath}, client will send a binary form data with form key [file], only allow to operate with existed file.

6. **Request Delete** - To delete file in specified {localSystemFilePath}

7. **Write some unit test to ensure you functionality is correct**

8. **Make your project is ready to run by docker-compose**

Note:

This service needs to handle over 10 concurrent requests, async IO is required.
Describe the setup requirements in README.md if any.
Use zip to pack as a simple file.