

Lab 8

1. Add all of the changes you've made to your code to git and push to GitHub.
Link to the tests/integration folder on GitHub for your fragments repo, showing all of the .hurl files you wrote for the test cases above.

[Hurl tests \(https://github.com/shawnyu5/fragments/tree/master/tests/integration\)](https://github.com/shawnyu5/fragments/tree/master/tests/integration)

2. Screenshot of all three containers successfully being started using docker-compose.

```
[+] Running 4/4
:: Network fragments_default      Created                               1.1s
:: Container fragments-localstack-1 Created                             6.4s
:: Container fragments-dynamodb-local-1 Created                         5.2s
:: Container fragments-fragments-1 Recreated                             6.1s
Attaching to fragments-dynamodb-local-1, fragments-fragments-1, fragments-localstack-1
fragments-fragments-1 |
fragments-fragments-1 | > fragments-api@2.0.0 start
fragments-fragments-1 | > tsc; node ./build/index.js
fragments-fragments-1 |
fragments-fragments-1 | error TS18003: No inputs were found in config file '/app/tsconfig.json'. Specified 'include' paths were '["src/**/*.ts"]' and 'exclude' paths were '["tests/unit/*.test.ts","node_modules"]'.
fragments-fragments-1 | [1658595711218] INFO (19 on bf419d0b4676): Using basic auth for testing
fragments-fragments-1 | [1658595711267] INFO (19 on bf419d0b4676): Server listening on port 8080
fragments-localstack-1 | Waiting for all LocalStack services to be ready
fragments-localstack-1 | Waiting for all LocalStack services to be ready
fragments-localstack-1 | 2022-07-23 17:02:04,993 CRIT Supervisor is running as root. Privileges were not dropped because no user is specified in the config file. If you intend to run as root, you can set user=root in the config file to avoid this message.
fragments-localstack-1 | 2022-07-23 17:02:05,003 INFO supervisord started with pid 17
fragments-dynamodb-local-1 | Initializing DynamoDB Local with the following configuration:
fragments-dynamodb-local-1 | Port:      8000
fragments-dynamodb-local-1 | InMemory: true
```

3. Screenshot of the local-aws-setup.sh running successfully against the running containers

```
[shawn@shawn-thinkpad ~/seneca/semester_6/_CPP555/fragments] 1 master
$ ./scripts/local-aws-setup.sh
Setting AWS environment variables for LocalStack
AWS_ACCESS_KEY_ID=test
AWS_SECRET_ACCESS_KEY=test
AWS_SESSION_TOKEN=test
AWS_DEFAULT_REGION=us-east-1
Waiting for LocalStack S3...
LocalStack S3 Ready
Creating LocalStack S3 bucket: fragments
{
  "Location": "/fragments"
}
Creating DynamoDB-Local DynamoDB table: fragments
{
  "TableDescription": {
    "AttributeDefinitions": [
      {
        "AttributeName": "ownerId",
        "AttributeType": "S"
      },
      {
        "AttributeName": "id",
```

4. Screenshot of hurl successfully running all of the integration tests described above.

```
> fragments-api@2.0.0 test:integration
> hurl --test --glob 'tests/integration/**/*.hurl'

expr=tests/integration/**/*.hurl
tests/integration/404.hurl: RUNNING [1/7]
tests/integration/404.hurl: SUCCESS
tests/integration/health-check.hurl: RUNNING [2/7]
tests/integration/health-check.hurl: SUCCESS
tests/integration/post-fragments-charset.hurl: RUNNING [3/7]
tests/integration/post-fragments-charset.hurl: SUCCESS
tests/integration/post-fragments-json.hurl: RUNNING [4/7]
tests/integration/post-fragments-json.hurl: SUCCESS
tests/integration/post-fragments-unauthenticated.hurl: RUNNING [5/7]
tests/integration/post-fragments-unauthenticated.hurl: SUCCESS
tests/integration/post-fragments-unsupported-type.hurl: RUNNING [6/7]
tests/integration/post-fragments-unsupported-type.hurl: SUCCESS
tests/integration/post-fragments.hurl: RUNNING [7/7]
tests/integration/post-fragments.hurl: SUCCESS

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Executed: 7
Succeeded: 7 (100.0%)
Failed: 0 (0.0%)
Duration: 287ms
```