**File Service**

**Database setup:**

1. GIT Repo:[**https://github.com/ashaloka/file-service**](https://github.com/ashaloka/file-service)
2. After cloning go to file-service folder
3. Execute docker-compose up -d



1. DB will be in local with master

Graphical user interface, text, application, chat or text message

Description automatically generated

1. Create DataBase under master
2. Graphical user interface, text, application, chat or text message

   Description automatically generated
3. Next Copy the file\_service\_schema.sql content from GIT REPO [**https://github.com/ashaloka/file-service**](https://github.com/ashaloka/file-service)**/file\_service\_schema.sql**
4. Execute all table creation
5. Tables will be created

Text

Description automatically generated

**Service Setup:**

J**ava** 🡪 JDK 1.8

**MSSQL DB** 🡪 Configure the Data base details in application-dev.yml

**Maven:** setup required

**Start File Service:**

**Go to Application.java**

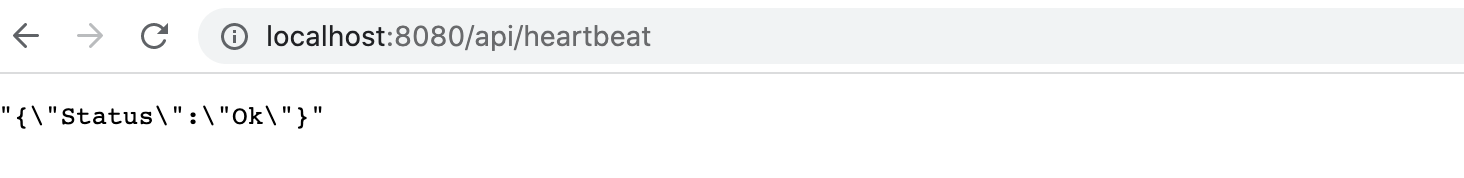
**Graphical user interface, text, application

Description automatically generated**

**Text

Description automatically generated**

**Heartbeat API:** to check service status



**File Service Validations:**

1. **5000 Employee Data file read stats: 1 min 15 secs**

2022-06-13 20:48:16.805 INFO 15663 --- [eServiceThreads] c.o.rqns.ftm.processor.FileProcessor : File process started for : EmployeeData\_1.txt **2022-06-13T15:18:16.805Z**

2022-06-13 20:49:38.302 INFO 15663 --- [#4 - Aggregator] c.o.rqns.ftm.routes.MessageRouteBuilder : EmployeeData\_1.txt - Update Completed Successfully : **2022-06-13T15:19:38.302Z**

1. **25000 Employee Data file read stats: 2 mins 5 secs**

2022-06-13 16:22:49.929 INFO 1672 --- [eServiceThreads] c.o.rqns.ftm.processor.FileProcessor : File process started for : EmployeeData\_5.txt 2022-06-13T10:52:49.929Z

2022-06-13 16:24:47.584 INFO 1672 --- [11 - Aggregator] c.o.rqns.ftm.routes.MessageRouteBuilder : EmployeeData\_5.txt - Update Completed Successfully : 2022-06-13T10:54:47.584Z

1. **50000 Employee Data file read stats: 3 mins 20 secs**

2022-06-13 16:15:28.465 INFO 1672 --- [eServiceThreads] c.o.rqns.ftm.processor.FileProcessor : File process started for : EmployeeData\_6.txt 2022-06-13T10:45:28.465Z

2022-06-13 16:18:01.191 INFO 1672 --- [#8 - Aggregator] c.o.rqns.ftm.routes.MessageRouteBuilder : EmployeeData\_6.txt - Update Completed Successfully : 2022-06-13T10:48:01.191Z

1. **100000 Employee Data file read stats: 4 mins**

2022-06-13 16:25:24.421 INFO 1672 --- [eServiceThreads] c.o.rqns.ftm.processor.FileProcessor : File process started for : EmployeeData\_7.txt **2022-06-13T10:55:24.421Z**

2022-06-13 16:29:18.947 INFO 1672 --- [15 - Aggregator] c.o.rqns.ftm.routes.MessageRouteBuilder : EmployeeData\_7.txt - Update Completed Successfully : **2022-06-13T10:59:18.947Z**

**Parallel File Processing Logs FR:**

Text

Description automatically generated with medium confidence

**DB Validation:**

1. FileStatusAudits:

Table, Excel

Description automatically generated

1. **Employee**

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

1. **EmployeeDepartmentDetails**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, table, email, Excel

Description automatically generated

1. **EmployeeLeaves**

Graphical user interface, application

Description automatically generated

Table

Description automatically generated

1. **EmployeeFamilyDetails**

**Graphical user interface, application

Description automatically generated**

**Graphical user interface, table

Description automatically generated**

1. **EmployeeSalaryDetails**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, table, email

Description automatically generated