**Introduction**

This application is to read the data from the source (database, excel and open for extension) and write it into the file format (CSV, Pipe, Excel, Xml) or in database also open for extension. It will also download the file format (CSV, Pipe, Excel, Xml).

**Technologies Used**

JavaSE14

Spring Boot

Maven

**Features and API Endpoints**

Main Feature of this application is Reading Data and Writing Data in multiple ways:

The Request format is:

localhost:8081/api/v2\_3/employee/process/{readerCriteria}/{writerCriteria}

here,

{readerCriteria} is a parameter which tells us from where to read the data

{writerCriteria} is a parameter which tells us where to write the data

Test cases:

* Reading data for database and writing it into Csv format file

GET(<http://localhost:8081/api/v2_3/employee/process/dbread/csv>)

* Reading data for database and writing it into Pipe format file

GET(<http://localhost:8081/api/v2_3/employee/process/dbread/pipe>)

* Reading data for database and writing it into Excel format file

GET(<http://localhost:8081/api/v2_3/employee/process/dbread/excel>)

* Reading data for database and writing it into Xml format file

GET(<http://localhost:8081/api/v2_3/employee/process/dbread/xml>)

* Reading data for excel and writing it into Csv format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/csv>)

* Reading data for excel and writing it into Pipe format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/pipe>)

* Reading data for excel and writing it into Excel format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/excel>)

* Reading data for excel and writing it into Xml format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/xml>)

* Reading data for excel and writing it into Database format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/dbwrite>)

* Reading data for Database and writing it into Database format file

GET(<http://localhost:8081/api/v2_3/employee/process/excelread/dbwrite>)