**Steps for running BD-POST Server Application With Server API**

1. Install Java -11 from below link into your system:

**https://jdk.java.net/java-se-ri/11**

2. Install PostgreSQL server and PGAdmin 4 Client on your system. (Note: please do remember your root password).

**Windows 64 bit: https://www.enterprisedb.com/thank-you-downloading-postgresql?anid=1256714**

**Windows 32 bit: https://www.enterprisedb.com/thank-you-downloading-postgresql?anid=1256721**

**PgAdmin 4: https://www.postgresql.org/ftp/pgadmin/pgadmin4/v4.13/windows/**

3. Create a database name ‘bnglpostserver’ in the database.

**NOTE**: Use same database, if Server Application and Server API are running on same machine.

**STEPS TO RUN SERVER API:**

1. Open ServerAPI folder in BD-Post Folder, then open Config folder for database configuration.

2. Open application.properties file to edit.

3. Update the following fields:

a. **spring.datasource.url** (Update the database name (bnglpostserver) inside the url ) **[jdbc:postgresql://localhost:5432/bnglpostserver?useUnicode=true&amp;characterEncoding=utf-8]**

b. **spring.datasource.username (**username)

c. **spring.datasource.password (**password)

d. **server.port (**server port)

Save the file. Remember the port number on which the application will be running.

4. Please, run the application in command prompt (cmd) once using command mentioned below, it will create all the necessary tables. Open the Server API folder inside BDPOST folder. (Make sure that command prompt is opened inside the ServerAPI folder)

**Java -Dfile.encoding=UTF-8 -jar ServerAPI-1.0-SNAPSHOT**

5. Server API will be running on **‘https:\\localhost:server.port’** at server site.

**STEP IS TO RUN THE SERVER APPLICATION:**

4 .Open Server Application in BD-Post Folder, then open Config folder for database configuration.

5. Inside Config folder open and edit (application-server.properties) file. Add database name and password on fields

a) spring.datasource.url = \*(User **bnglpostserver** database inside URL.) (postgresql://localhost:5432/**bnglpostserver**?useUnicode=true&amp;characterEncoding=utf-8 )

b) spring.datasource.username =

c) spring.datasource.password =

d) server.port= 81

**Gmail account configurations to send email(Enter Email and password of gmail from which mail is to be sent)**

c) spring.mail.username =

d) spring.mail.password =

a. **spring.datasource.url** (Update the database name (bnglclient) inside the url )

**{jdbc:postgresql://localhost:5432/bnglpostserver?useUnicode=true&amp;characterEncoding=utf-8}**

b. **spring.datasource.username (**username)

c. **spring.datasource.password (**password)

d. **server.port (**server port)

e. **server.url** (Server Url is {**server’s ip address:port number**})

f. **rateAPI** (Update the port number of rate api inside the url )

**{** https://localhost:**port number of rateapi** }

g. **appUrl** (Add ip address of server machine)

h. **quartz.importfilepath** (Update the path of postgres database where the postgres is installed, append “\\pg\_dump.exe” in the end)

eg: C:\\Program Files\\PostgreSQL\\9.6\\bin\\pg\_dump.exe

{**path of postgres database**\\pg\_dump.exe }

i. **quartz.exportfilepath** (Add location path where database backup has to be stored in the machine)

**NOTE:** Save the file. Remember the port number on which the application will be running.

4. once the config is updated, run the application in command prompt (cmd). Open server Application folder from BDPOST folder in command prompt and run this command. It will create all the necessary tables.

**Java -Dfile.encoding=UTF-8 -jar cosmos-1.0-SNAPSHOT**

**STEPS TO INSERT SCRIPT IN POSTGRES DATABASE:**

5. Open Postgres to insert the database scripts inside your database.

6. Now, run the scripts in the postgres database. The scripts are present in db folder of BDPOST folder with name “scripts.sql”.

7. Server application will be running on **‘https:\\localhost:server.port’** at client site.

**NOTE: Security settings have to be accepted and bypassed to run the application and access the url.**

8. Login page will be opened which will ask for User Email and Password.

**Login Credentials**

Email: [admin@gmail.com](mailto:admin@gmail.com)

Password: 111111