In this example, all nudge-server and Cassandra db container are run in the docker bridge network

These are the step to run nudge server instrumented with java agent

1. Start a Cassandra container
2. Create the main keyspace and run the following commands inside :
3. Insert these data inside main keyspace
   1. INSERT INTO account (id,cnx,enterprise,iid,name,status) VALUES (3998430e-933b-434e-8a44-3e05da0d5629,55d4d6bd-7d89-45ad-9e96-fcefdaa8428a,false,1,'user@gmail.com','A') USING TIMESTAMP 123456789;
   2. INSERT INTO account\_by\_iid (iid,id) VALUES (1,3998430e-933b-434e-8a44-3e05da0d5629) USING TIMESTAMP 123456789;
   3. INSERT INTO account\_by\_token (cnx,id) VALUES (55d4d6bd-7d89-45ad-9e96-fcefdaa8428a, 3998430e-933b-434e-8a44-3e05da0d5629) USING TIMESTAMP 123456789;
   4. INSERT INTO user (id,email,iid,last\_cnx,loc,name,pwd,st) VALUES (d1379cb0-8be0-11eb-a4bc-0242ac120003,'user@gmail.com',1,toTimeStamp(toDate(now())),'fr\_FR','user@gmail.com','d61465c67130f9eb4e0a:8eb74ac9a0a2e46458484fc510924c074e5f95ac298aa0c62e2078d305b96d11','U') USING TIMESTAMP 123456789;
   5. INSERT INTO user\_by\_iid (iid,id) VALUES (1,d1379cb0-8be0-11eb-a4bc-0242ac120003) USING TIMESTAMP 123456789;
   6. INSERT INTO user\_by\_email (email,id ) VALUES ('user@gmail.com',d1379cb0-8be0-11eb-a4bc-0242ac120003) USING TIMESTAMP 123456789;
   7. INSERT INTO user\_account\_acl (user,account,role) VALUES (d1379cb0-8be0-11eb-a4bc-0242ac120003, 3998430e-933b-434e-8a44-3e05da0d5629 ,'acc\_admin') USING TIMESTAMP 123456789;
   8. INSERT INTO account\_user\_acl (account,user,role) VALUES (3998430e-933b-434e-8a44-3e05da0d5629, d1379cb0-8be0-11eb-a4bc-0242ac120003 ,'acc\_admin') USING TIMESTAMP 123456789;
   9. INSERT INTO app (id,acc,apdex\_f,apdex\_t,cnx,iid,name,prod,sla\_active,st,techno,tz) VALUES (9c08664a-7cb8-4219-b0c2-113976cf7c91,3998430e-933b-434e-8a44-3e05da0d5629,2000,500,dc9584dd-6c06-480d-a27e-f0f236971d14,1,'instrumented-test',False,True,'A','JAVA','Europe/Paris' ) USING TIMESTAMP 123456789;
   10. INSERT INTO app\_by\_acc (acc,ids) VALUES (3998430e-933b-434e-8a44-3e05da0d5629, {9c08664a-7cb8-4219-b0c2-113976cf7c91}) USING TIMESTAMP 123456789;
   11. INSERT INTO app\_by\_iid (iid,id) VALUES (1,9c08664a-7cb8-4219-b0c2-113976cf7c91) USING TIMESTAMP 123456789;
   12. INSERT INTO app\_by\_token (cnx,id) VALUES (dc9584dd-6c06-480d-a27e-f0f236971d14,9c08664a-7cb8-4219-b0c2-113976cf7c91) USING TIMESTAMP 123456789
   13. INSERT INTO user\_app\_acl (user,app,role) VALUES (d1379cb0-8be0-11eb-a4bc-0242ac120003,9c08664a-7cb8-4219-b0c2-113976cf7c91,'app\_admin') USING TIMESTAMP 123456789;
   14. INSERT INTO app\_user\_acl (app,user,role) VALUES (9c08664a-7cb8-4219-b0c2-113976cf7c91,d1379cb0-8be0-11eb-a4bc-0242ac120003,'app\_admin') USING TIMESTAMP 123456789;

With these commands, we created :

* An application name instrumented-test
* A user with the email [user@gmail.com](mailto:user@gmail.com)
* The application token is = dc9584dd-6c06-480d-a27e-f0f236971d14
* The user password is Californie1:

1. Run a nudge container with the following command

* docker run -e app\_token=dc9584dd-6c06-480d-a27e-f0f236971d14 -e url=http://172.17.0.3:8080/ -e cassandra\_name=172.17.0.2 -tid --name nudge-server -p 8080:8080 nudge-instrumented:latest

app\_token : the token of the application create previously in the database

url = the address (in this case, the IP) of the nudge container. In the case of the bridge network, it ip of nudge is suppose to be the next in the network (run docker network inspect bridge to determine what will be the good IP).

Cassandra\_name: the IP of Cassandra container if run in host or bridge network. In the case of running into special network, it should be the name of the Cassandra container.

1. Connect to nudge-server

* Connect to the right url for nudge server
* For user connection email = [user@gmail.com](mailto:user@gmail.com) and password = Californie1: