Taller de Patrones de Arquitectura-ESB

Inicializamos el serviceMix

Probamos en local:

```
--- exec-maven-plugin:1.2.1:exec (default-cli) @ patrones ---

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".

SLF4J: Defaulting to no-operation (NOP) logger implementation

SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.

Sent message: 1354011814 : main

Received: Hello world! From: main : 1740189450

BUILD SUCCESS

Total time: 1.311s

Finished at: Fri Nov 08 11:55:54 COT 2019
```

Lo subimos y desplegamos en AWS-EC2

```
Select ec2-user@ip-172-31-84-181:~/apache-servicemix-7.0.1
                                                                                                                                                         П
                                                                                                                                                                 ×
      user@ip-172-31-84-181 apache-servicemix-7.0.
 ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$ sh ./bin/se
servicemix
                    servicemix.bat setenv
                                                                setenv.bat
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$ sh ./bin/se
servicemix servicemix.bat setenv setenv.bat
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$ sh ./bin/se
servicemix servicemix.bat setenv setenv.bat
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$ sh ./bin/se
servicemix servicemix.bat setenv setenv.bat
[ec2-user@ip-172-31-84-181 apache-servicemix-7.0.1]$ sh ./bin/servicemix
servicemix: JAVA_HOME not set; results may vary
  integer expression expected: 0
Please wait while Apache ServiceMix is starting...
100% [======
Caraf started in 13s. Bundle stats: 219 active, 222 total
  Apache ServiceMix (7.0.1)
Hit '<tab>' for a list of available commands
and '[cmd] --help' for help on a specific command.
Hit '<ctrl-d>' or 'system:shutdown' to shutdown ServiceMix.
karaf@root>
```

```
ec2-user@ip-172-31-84-181:~/apache-servicemix-7.0.1
                                                                                                                             Active
                                                                   camel-xstream
49
                   80
                         2.16.5
3.2.2
                                                                  camel-karaf-commands
      Active
51
      Active
                   50
                                                                  Apache Commons Collections
                         2.0.1
                                                                  Commons JEXL
54
                   50
                         3.5.0
                                                                  Apache Commons Net
      Active
                         1.6.0
                                                                  Commons Pool
                                                                  Apache Commons Pool
      Active
                         2.0.0
                                                                  geronimo-j2ee-connector_1.5_spec
95
99
129
      Active
                         1.0.1
                                                                  geronimo-j2ee-management_1.1_spec
                   50
      Active
                         3.4.6
                                                                  ZooKeeper Bundle
                                                                  Apache MINA Core
Apache ServiceMix :: ActiveMQ :: Camel
                        2.0.13
7.0.1
7.0.1
                   80
      Active
132
      Active
                   50
133
                   50
                                                                  Apache ServiceMix :: ActiveMO :: Service
      Active
                         1.6.1.5
136
                   50
                                                                  Apache ServiceMix :: Bundles :: dom4j
      Active
138
                         1.9.2.1
                                                                  Apache ServiceMix ::
                                                                                          Bundles ::
                                                                                                      jasypt
142
                   50
                         1.1.0.4
                                                                  Apache ServiceMix ::
                                                                                          Bundles ::
143
                         2.3.0.2
                                                                  Apache ServiceMix ::
                                                                                          Bundles ::
                                                                                                      kxm12
156
      Active
                   50
                         1.7.0.6
                                                                  Apache ServiceMix ::
                                                                                          Bundles ::
                                                                                                      velocity
160
                                                                  Apache ServiceMix ::
                                                                                         Bundles :: xpp3
                                                                  Apache ServiceMix :: Bundles :: xstream
161
      Active
                   50
                         1.4.8.1
                                                                  Apache XBean :: OSGI Blueprint Namespace Handler
171
202
                   50
                         4.2.0
                   50
                                                                  JAXB2 Basics - Runtime
Scala Standard Library
      Active
                         0.6.4
215
                         2.11.0.v20140415-163722-cac6383e66
      Active
                   50
222
      Active
                   80
                                                                  movefiles.xml
                        0.0.0
                   80
                                                                  activemq.xml
                         0.0.0
225
                                                                  messageHandler.xml
      Active
                   80
                         0.0.0
araf@root>_
```

```
un() {
ext context = new DefaultCamelContext();
brokerURL = args[0];
nFactory connectionFactory = new ActiveMoConnectionFactory("top://ec2-34-205-147-231.compute-1.amazonaws.com:&16167jms.useAsyncSend=true")

// Create a Connection "anax", "snax"
onnection connection = connectionFactory.oreateConnection("snax", "snax");
onnection.start();

// Create a Session
ession = connection.createSession(false, Session.AUTO_ACKNOWLEDGE);

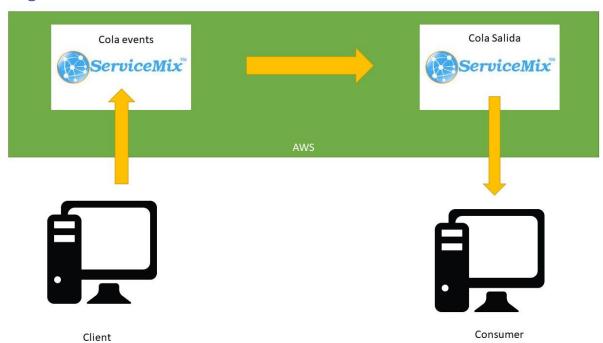
// Create a Session

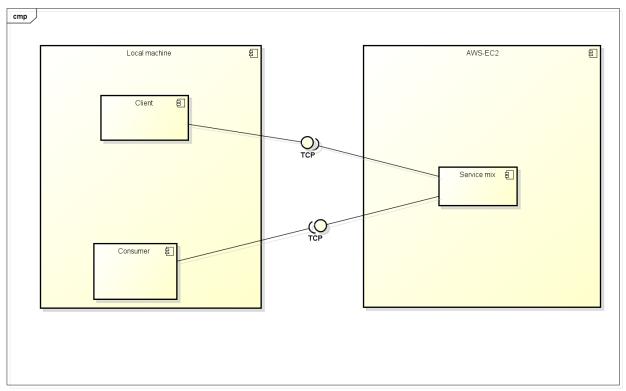
// Create a Session
ession = connection.createSession(false, Session.AUTO_ACKNOWLEDGE);

// Start = connection = connection = connectionFactory

// Start = con
```

Diagrama





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