



RED HAT® JBOSS®
MIDDLEWARE

JBoss Fuse Service WORKS

ANGRY CLAIM

Demo Installation

Authors

Bernard TISON & Luc Pierson

Red Hat

Feb 2014

All explanations are located in GITHUB :

- <https://github.com/lucpierson/AngryClaim>

STEP1

- create a twitter account and App
 - create the twitter account
 - download and connect with your account on Mobile device
 - create a twitter app on <https://dev.twitter.com/>
- create a Gmail account
- Download required apps
 - [*jboss-bpms-6.0.0.GA-redhat-1-deployable-eap6.x.zip*](#)
 - [*jboss-eap-6.1.1.zip*](#)
 - [*jboss-fsw-installer-6.0.0.GA-redhat-4.jar*](#)
 - [*twitter4j-core-3.0.5.jar*](#)
 - [*twitter4j-stream-3.0.5.jar*](#)

All explanations are located in GITHUB :

STEP2

- <https://github.com/lucpierson/AngryClaim>

- in your new RHEL 6.4 Virtual Machine
 - install maven
 - `sudo wget http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo`
 - `sudo yum install apache-maven`
 - `sudo mkdir /usr/share/apache-maven/conf/logging`
 - create a file in `/etc/profile.d/maven.sh`
 - install git
 - `sudo yum install git`
 - install mysql (server and connector)
 - `sudo yum install mysql-server`
 - `sudo yum install mysql-connector-java`
 - `sudo chkconfig mysqld on`

```
# update path with maven link
if ! echo ${PATH} | /bin/grep -q /usr/share/apache-maven/bin ;
then
    PATH=/usr/share/apache-maven/bin:${PATH}
fi
```

All explanations are located in GITHUB :

STEP3

- <https://github.com/lucpierson/AngryClaim>

- in your new RHEL 6.4 Virtual Machine
- from your home
 - execute `git clone https://github.com/lucpierson/AngryClaim`
 - place your downloaded apps in folder `~/AngryClaim/installs`
 - update `init.sh` with your twitter and gmail credentials
 - run `~/AngryClaim/init.sh`
 - *manual/run instructions generated in `~/AngryClaim/readme.txt`*

All explanations are located in GITHUB :

- <https://github.com/lucpierson/AngryClaim>

STEP4

- Start FSW : `~/AngryClaim/FSW_Launch.sh`
- Start BPMS : `~/AngryClaim/BAM_Launch.sh`
- Launch FireFox
 - connect on the dashboard
 - <http://localhost:18080/dashbuilder/index.jsp> (admin / redhat123@)
 - and install the AngryClaim dashboard
 - Step 1 : create jndi externalConnection
name : `AngryClaimDB`
jndi : `java:jboss/datasources/AngryTweetDS`
 - Step 2 : create 2 dataProviders
`AngryClaimTickets`
`AngryClaimVeryAngryUsers`
 - Step 3 : import the dashboard for `~/AngryClaim/etc/BAM/xxx.cex`

`select * from ticket order by channel_in`

`select customer, area_code,compteur from(select customer, area_code, count(*) as compteur from (select customer,area_code, urgent from (select customer, channel_in, area_code, urgent from angrytweet.ticket group by customer,channel_in order by customer, channel_in) AS T) as T2 group by customer) as T3 where compteur>1;`

Running the Demo

- <https://github.com/lucpierson/AngryClaim>



RUN

Run Instructions are in `~/AngryClaim/readme.txt`

- value the CRM with known users (restart of FSW required)
 - in : `~/AngryClaim/target_fsw/jboss-eap-6.1/standalone/configuration/crm.properties`
- Feed with a CSV file
 - put the CSV file into `~/AngryClaim/etc/csv/demo`
- Feed with a WebService (push only)
 - `http://localhost:8080/ticketService/TicketService?wsdl`
- Feed with Twitter
 - send a tweet your own @xxx containing `#ticket` or `#cable` or `#tel`
- see the BAM Dashboard
 - `http://localhost:18080/dashbuilder/workspace/en`
- show the rows

Running the Demo

- <https://github.com/lucpierson/AngryClaim>



Devel

- Download, Install and run JBoss Studio
- Install extra integration features
 - about => software install
 - <https://devstudio.jboss.com/updates/7.0-development/integration-stack/>
- in menu Windows/preferences/xml/XML FILES
 - uncheck "HONOUR ALL xxxxx"
- Import from existing maven project
 - Location : [~/AngryClaim](#)
 - select the 4 pom.xml
- Select projet switchyard,
 - right clic => maven => updateProject



And remember
to have
FUN !

High level arch

