

Infrastructure - Story #8062

Story # 8061 (New): develop queue-based processing system for the CN

Install rabbitMQ on dev CNs

2017-04-05 22:41 - Rob Nahf

Status:	Closed	Start date:	2017-04-05
Priority:	Normal	Due date:	
Assignee:	Rob Nahf	% Done:	100%
Category:	Architecture Design	Estimated time:	0.00 hour
Target version:			
Story Points:			
Description			
Install rabbitmq on orc and ucsb dev machines. unm is behind firewall, so skip for now.			
Install from the rabbitMQ.com apt repository as per: https://www.rabbitmq.com/install-debian.html			
Run the "Hello world" tutorial 1 to check installation.			

History

#1 - 2017-04-05 22:51 - Rob Nahf

- Status changed from New to Closed
- % Done changed from 0 to 100

successfully installed on both machines and working for localhost connections.

Install as root:

```
echo 'deb http://www.rabbitmq.com/debian/ testing main' | sudo tee /etc/apt/sources.list.d/rabbitmq.list
wget -O- https://www.rabbitmq.com/rabbitmq-release-signing-key.asc | apt-key add -
apt-get update
apt-get install rabbitmq-server
```

Checked with the java client tutorial code (in ~rna hf/rabbitMQ/java directories on each machine)

Setup the java client by copy-pasting the Send.java and Recv.java tutorial code into the directory, then downloaded the dependencies, compiled and ran:

```
curl http://central.maven.org/maven2/com/rabbitmq/amqp-client/4.0.2/amqp-client-4.0.2.jar >amqp-client-4.0.2.jar
curl http://central.maven.org/maven2/org/slf4j/slf4j-api/1.7.21/slf4j-api-1.7.21.jar>slf4j-api-1.7.21.jar
curl http://central.maven.org/maven2/org/slf4j/slf4j-simple/1.7.22/slf4j-simple-1.7.22.jar >slf4j-simple-1.7.22.jar
javac -cp .:find * -name "*.jar" | tr "\n" ":" Send.java
javac -cp .:find * -name "*.jar" | tr "\n" ":" Recv.java

java -cp .:find * -name "*.jar" | tr "\n" ":" Send
java -cp .:find * -name "*.jar" | tr "\n" ":" Recv
```

#2 - 2017-04-06 22:33 - Rob Nahf

upgraded erlang from R16 to OTP19 following these instructions:

<http://stackoverflow.com/questions/27215936/how-to-upgrade-the-erlang-version-on-ubuntu-r14b04-to-latest-stable-version>

for adding the erlang repo, I added it to the /etc/apt/sources.list.d/rabbitmq.list