Local development environment

OS: Windows 7

Operational Toolkits: PuTTY WinSCP

Development Toolkits: Eclipse kepler (JAVA), JDK 1.7.0.45, CouchDB 1.5.1

Tweets Harvesting Application

Install packages

1. Curl

sudo apt-get install curl

1. Oracle Java JDK7

http://www.webupd8.org/2012/01/install-oracle-java-jdk-7-in-ubuntu-via.html

sudo add-apt-repository ppa:webupd8team/java

sudo apt-get update

sudo apt-get install oracle-java7-installer

java -version

sudo apt-get install oracle-java7-set-default

1. CouchDB

https://wiki.apache.org/couchdb/Installing\_on\_Ubuntu

sudo apt-get install couchdb -y

curl http://127.0.0.1:5984/

binding to all interfaces

/etc/couchdb/default.ini

/etc/couchdb/local.ini

bind\_address = 0.0.0.0

sudo service couchdb restart

sudo /etc/init.d/couchdb doesn't work

(looks old version cannot stop couchdb unitl kill erlang process)

1. Tomcat

https://help.ubuntu.com/13.10/serverguide/tomcat.html

sudo apt-get purge tomcat6 && sudo apt-get autoremove (uninstall tomcat6)

(installment of tomcat would cause unexpected result, tomcat 7 is right)

sudo apt-get install tomcat7

if you are using extracted tomcat then, startup.sh and shutdown.sh are two script located in TOMCAT/bin/ to start and shutdown tomcat, You could use that

if tomcat is installed then

/etc/init.d/tomcat5.5 start

/etc/init.d/tomcat5.5 stop

/etc/init.d/tomcat5.5 restart

/etc/tomcat7/server.xml

/etc/tomcat7/tomcat-user.xml

/var/lib/tomcat7/webapps/ROOT/