1. download opengrok-0.11.1
2. uncompress to opengrok and copy to /usr

ex: /usr/opengrok/

1. Install JDK 1.6 (new opengrok(v0.12) need JDK 1.7 but never try.)

# sudo apt-get install openjdk-6-jdk

1. Install Tomcat 6 (Tomcat 7 never try.)

# sudo apt-get install tomcat6

1. Install Exuberant Ctags for analysis

# sudo apt-get install exuberant-ctags

1. deploy opengrok to tomcat web app.

# cd /usr/opengrok/bin

# ./OpenGrok deploy

You should see opengrok web app at http://DomainName:8080/source/

1. Create Index

# ./OpenGrok index <absolute\_path\_to\_your\_SRC\_ROOT>

(default index folder /usr/opengrok/)

or

#sudo -S OPENGROK\_VERBOSE=true OPENGROK\_INSTANCE\_BASE=<absolute\_path\_to\_your\_Index> ./OpenGrok index <absolute\_path\_to\_your\_SRC\_ROOT>

If user defined Index folder should

#mkdir /var/opengrok/

#ln -s <absolute\_path\_to\_your\_Index> /usr/opengrok/

1. Change permission of codebase

#chmod 777 -R <absolute\_path\_to\_your\_SRC\_ROOT>

1. Tomcat privilege setting

1.edit /var/lib/tomcat6/conf/server.xml

<Realm  
className="org.apache.catalina.realm.JNDIRealm" debug="99"  
#connectionURL="ldap://10.9.130.142:3268"

connectionURL="ldap:// 10.116.240.3:3268"  
authentication="simple"  
referrals="follow"  
connectionName="deckard\_verifier@htc.com"  
connectionPassword="your\_password"  
userSearch="(sAMAccountName={0})"  
userBase="DC=HTC,DC=COM,DC=TW"  
userSubtree="true"  
roleSearch="(member={0})"  
roleName="cn"  
roleSubtree="true"  
roleBase="DC=HTC,DC=COM,DC=TW" />

2.edit /var/lib/tomcat6/webapps/source/WEB-INF/web.xml

<security-constraint>

<web-resource-collection>

<web-resource-name>android-source</web-resource-name>

<url-pattern>/\*</url-pattern>

</web-resource-collection>

<auth-constraint>

<role-name>MAIL\_GROUP</role-name>

<role-name>MASD\_U1\_MANAGER</role-name>

<role-name> MASD\_U1\_LEADER </role-name>

</auth-constraint>

</security-constraint>

<login-config>

<auth-method>BASIC</auth-method>

<realm-name>Please enter your Username</realm-name>

</login-config>

<security-role>

<role-name>MAIL\_GROUP</role-name>

<role-name>MASD\_U1\_MANAGER</role-name>

<role-name> MASD\_U1\_LEADER </role-name>

</auth-constraint>

</security-role>

1. restart Tomcat service

#sudo service tomcat6 restart

Reference:

<https://github.com/OpenGrok/OpenGrok/wiki/How-to-install-OpenGrok>