

AlgoPadawan

Consolidating random fun coding problems from novice level to the more advanced with links to the tutorials for the same.

FRIDAY, JULY 20, 2012

Installing OpenGrok on Windows

INSTALLING OPENGROK ON WINDOWS

Steps for installing OpenGrok.

1. Download the OpenGrok binary from [OpenGrok Binary](#).
2. Unzip the tar to a location say "G:\OpenGrok"
3. Download [Ctags](#) from [Ctags Windows Binary](#).
4. Extract Ctags to a location say "G:\Ctags"
5. Download and install [Tomcat](#).
6. OpenGrok needs the following to run
 1. A configuration.xml that is generated using the command in step 8.
 2. Location to the source being indexed. (SRC_ROOT)
 3. Location to the "Ctag" generated grokData, again refer to step 8. (DATA_ROOT)
7. Extract the "war" file in the "lib" folder in the extracted OpenGrok location. In this case G:\opengrok-0.11.1\lib.
8. Edit the WEB-INF\web.xml file to include the information discussed above (step 6)

```
<context-param>
  <param-name>CONFIGURATION</param-name>
  <param-value>G:\opengrok-0.11.1\configuration.xml</param-value>
  <description>Full path to the configuration file where OpenGrok can read it's configuration</des
</context-param>
-----Added the below-----
<context-param>
  <param-name>SRC_ROOT</param-name>
  <param-value>G:\CodeSource</param-value>
</context-param>
<context-param>
  <param-name>DATA_ROOT</param-name>
  <param-value>G:\opengrok-0.11.1\grokdata</param-value>
</context-param>
```

9. Copy the the extracted source.war with the modified web.xml to the tomcat webapps folder.
10. Index the source and generate the configuration.xml file using the below command (G:\opengrok-0.11.1\lib has the jar file)

```
java -jar opengrok.jar -W G:\opengrok-0.11.1\configuration.xml -c G:\ctags58\ctags.exe -P -S -v -s
```

11. Launch Tomcat after the indexing is done. Open <http://localhost:8080/source> and wola you have a wicked fast source browser.
12. Reindex if you need to add new projects/pick new source etc.

BLOG ARCHIVE

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ABOUT ME

 **Vivek Raju Muppalla**

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Hugues Fontenelle September 11, 2012 at 2:32 AM

Very nice, good job.

It is worth noting that source.war must be unpacked under G:\opengrok-0.11.1\lib\source, not G:\opengrok-0.11.1\lib

Also .war files are archives that can be unpacked by WinZIP or WinRAR.

[Reply](#)



Li Chunlong February 1, 2013 at 11:08 AM

Good instructions!

If you want to use CxxAnalyzer to process .h files, you will have to add -A argument to override the default behavior.

-A h:org.opensolaris.opengrok.analysis.c.CxxAnalyzerFactory

[Reply](#)



Chodhound June 19, 2013 at 4:11 AM

Great instructions - it worked for me!

[Reply](#)



sharrajesh August 30, 2013 at 1:45 PM

Thanks for the instructions. I had minor issues (FileNotFoundException for configuration.xml) and the following worked for me.

I was using tomcat7.

The source.war needed to go to

C:\Program Files\Apache Software Foundation\Tomcat 7.0\webapps\source

Also the web.xml you mean is under

C:\Program Files\Apache Software Foundation\Tomcat 7.0\webapps\source\WEB-INF

Only thing I had to change was

C:\opengrok-setup\opengrok-0.11.1\configuration.xml

[Reply](#)



Jeff Lin November 13, 2013 at 12:05 AM

great instructions, thanks so much

[Reply](#)



Pooria Ansari January 31, 2014 at 1:37 PM

that's a great instruction... I would like to add something just in case there might people like me not that much expert with in and out of Tomcat installation...

for running the tomcat (tomcat 7.0 I use), try the startup script from the cmd. This way, it would build up the source folder in the webapps.

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薛保锋 July 29, 2014 at 11:14 PM

SRC_ROOT

G:\CodeSource

DATA_ROOT
G:\opengrok-0.11.1\grokdata

are not necessary

[Reply](#)



tbd April 9, 2015 at 4:08 PM

This comment has been removed by the author.

[Reply](#)



tbd July 29, 2015 at 3:38 PM

This comment has been removed by the author.

[Reply](#)



jamal basha September 12, 2015 at 4:55 PM

Hi ,

How do i configure svn url directly instead of checking out source to "SRC_ROOT" folder. Is there a way that opengrok update indexes when ever there is a check-in ?

[Reply](#)



Ashutosh Sahu September 15, 2015 at 5:05 AM

please reply on above question...

[Reply](#)



Ashutosh Sahu September 15, 2015 at 5:06 AM

as i found "-r on" to enable remote SCM systems..

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jamal basha September 19, 2015 at 9:06 PM

Hi Rahul,

Can you please provide details steps, where do i need to "-r" in configuration.xml. If you have detail steps for configuring, please lets us know steps.

[Reply](#)



Swami November 14, 2015 at 3:50 AM

Do you have similar steps for setting it up in a linux machine running Ubuntu, please?

[Reply](#)



malak April 6, 2016 at 12:57 AM

Thank you!

[Reply](#)



Unknown April 19, 2016 at 10:37 PM

<https://github.com/OpenGrok/OpenGrok/issues/1091>
this blog has wrong section 7 and 8, fix in above link

[Reply](#)



Visda Vokhshoori September 23, 2016 at 8:03 AM

The link provided for the binary is broken.

I tried the step by step instruction provided on youtube, and I was successful in setting up openGrok
<https://www.youtube.com/watch?v=BTGnZShDqA>

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曹星辉 February 8, 2017 at 11:43 PM

i tried the link in the mv, but the link is borken too. but i find the binary is "grokit_WindowsX64_64.zip". you can find it in google.

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