

Is it possible to browse the source of OpenJDK online?

Ask Question

Is it possible to browse the source code of OpenJDK online, just like I can do with SourceForge's projects? I never used Mercurial before, so I felt confused.

(Note: I don't want to download the source. I just want to browse it online, to see how some methods are implemented.)

[mercurial](#) [openjdk](#)


edited Apr 9 '09 at 22:16



dbr

113k53244308

asked Jan 4 '09 at 9:41



Hosam Aly

24k30117171

6 Answers

Use <http://hg.openjdk.java.net/> as duncan suggested.

The Mercurial interface there is quite confusing if you are not used to it, and since this is a large project, it can be hard to find what you are looking for.

Here is an example:

To find the JDK6 implementation java.util.List, select "jdk6", "jdk", select browse. Then browse to src/share/classes/java/util/List.java.

You should end up at <http://hg.openjdk.java.net/jdk6/jdk6/jdk/file/tip/src/share/classes/java/util/List.java>

edited Aug 6 '14 at 6:41

answered Jan 4 '09 at 10:05



Rasmus Faber

36.5k19118171

-
- 2 For anyone trying this the default branch number changes. So the procedure described is correct, just don't be surprised if the link doesn't work. – [Patrick](#) Feb 10 '09 at 18:09
-
- 5 if you want the JDK7 version, it's here: [hg.openjdk.java.net/jdk7/jdk7/file/tip/src/share/classes/...](http://hg.openjdk.java.net/jdk7/jdk7/file/tip/src/share/classes/) – [user102008](#) Feb 1 '11 at 22:04
-
- 3 @Patrick: if you replace the changeset ID with 'tip', it will always work. The version it points to may change over time, but it will always be the most up-to-date (in some sense). I've edited the post accordingly. – [Tom Anderson](#) Apr 5 '11 at 8:47
-
- 4 What does "gate" in the repo name mean? – [finnw](#) May 26 '11 at 18:06
-
- 2 Now if I want to see the native code that implements the native methods, where can I find them? – [Ustaman Sangat](#) Dec 14 '11 at 15:54
-

The latest **JDK 8** OpenJDK *Java Class Library* source code can be found here:

<http://hg.openjdk.java.net/jdk8u/jdk8u/jdk/file/tip/src/share/classes/>

edited Jun 29 '17 at 7:36



[anishpatel](#)

512 1 5 15

answered Jul 20 '13 at 12:25



[Abdull](#)

12.7k 11 78 126

It's not the latest, the url that contains `jdk8u` is latest, not `jdk8`. – [Eric Wang](#) Mar 18 '16 at 7:49

@EricWang, yes - thank you for noticing! I have now updated my outdated answer. – [Abdull](#) Mar 19 '16 at 13:44

Here's a way to browse the repositories and look at just the bits you want. <http://hg.openjdk.java.net/> Is that what you are asking?

answered Jan 4 '09 at 9:48



[jwpfox](#)

3,502 8 32 39

1 Not exactly. I went there before I asked but I couldn't find my way around the Mercurial interface. :(— [Hosam Aly](#) Jan 4 '09 at 10:11

Sorry, I actually went to openjdk.java.net/projects/nio and tried to find my way from there. I'll check this link again. Thanks. — [Hosam Aly](#) Jan 4 '09 at 10:15

Append a "/file" to the root URLs to view the browser like this:

- <http://hg.openjdk.java.net/jdk7/jdk7/jdk/file/>
- <http://hg.openjdk.java.net/jdk7/jdk7/hotspot/file>

answered Sep 12 '13 at 22:40



[Ashwin Jayaprakash](#)

1,577 19 25

Here is the basic step to get **latest** or **any released version** of Openjdk 8 (or any existing java version) source code, and use them in Eclipse .

Steps:

- **[browse source]**
- Open url for jdk, e.g <http://hg.openjdk.java.net/jdk8u/jdk8u/jdk/>
- click tags
- choose proper tag, e.g jdk8u73-b02
- then click browse ,
- then browse into folder `src/share/classes` ,
- **[download source]**
- then click one of `bz2 / zip / gz` , to download source in relevant compressed format, (e.g for *jdk8u73-b02 in zip format, the url will be:*
<http://hg.openjdk.java.net/jdk8u/jdk8u/jdk/archive/2ab13901d6f1.zip/src/share/classes/>)
- **[use in eclipse]**

- uncompress it,
- zip the folder "classes/", make "classes/" as the root dir of .zip file, (e.g first `cd jdk-2ab13901d6f1/src/share/` , then `zip -r openjdk_8u73_b2_src.zip classes/`)
- move the created zip file to proper location, it will stay there for a while, (e.g `mv openjdk_8u73_b2_src.zip /media/Eric/software/java/jdk/openjdk/openjdk8u73-b02/source/`)
- in eclipse, specify source file for jars of installed jre, could specify the source attachment for each jar of installed jre respectively, the most common jar is probably `rt.jar` ,
- optionally, might need refresh project to make it totally take effect, not sure is that necessary,
- test it: in eclipse, `ctrl + shift + t` , then input `Cancellable` , select the `sun.nio.fs.Cancellable` of corresponding installed jre, if the source code is available, then it's good, because this source is not available in `jdk_home/src.zip` , it must be from the additional openjdk source,
- switch source back: could switch back to use "jdk_home/src.zip", if don't want to use the external openjdk source,
- ok

edited Mar 18 '16 at 8:52

answered Mar 18 '16 at 8:13



Eric Wang

6,733 3 56 83

Greppcode.com is great for similar things - not only OpenJDK sources, with searching in classes/methods and links between classes directly in highlighted code:

<http://greppcode.com/file/repository.greppcode.com/java/root/jdk/openjdk/8-b132/java/net/Socket.java>

edited Sep 21 '14 at 14:45

answered Sep 16 '14 at 17:04



Hosam Aly

24k 30 117 171



Honza

731 9 12