

# Test Netbeans with JDK9 on Windows 10 step by step

If you want to **test Netbeans** from latest source code **with Java9**, this screenshots tutorial shows step by step how to build Netbeans from source code and test the JShell come from JDK9 with your snippets of code.

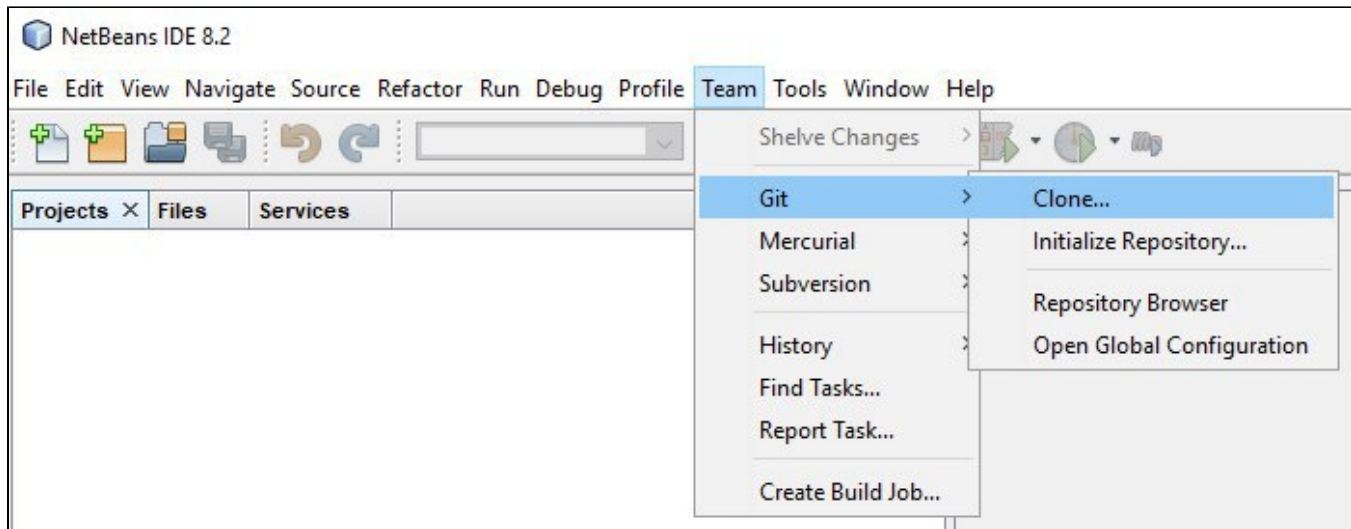
All you need is:

- JDK9 installed on Windows
- Source code from Github
- Netbeans 8 installed

**Install Netbeans 8** from old page downloads <https://netbeans.org/downloads/>. Honestly, you only need apache Ant, Java and Github, but with instalation of Netbeans you get all out of the box.

**Install JDK9** from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

**Clone source code** of Development Version of Netbeans <https://github.com/apache/incubator-netbeans>



From GitHub to your local folder

Clone Repository

Steps

1. Remote Repository

2. Remote Branches

3. Destination Directory

Remote Repository

Specify Git Repository Location:

Repository URL: 

https://github.com/apache/incubator-netbeans.git

http[s]://host.xz[:port]/path/to/repo.git/

User:  (leave blank for anonymous access)

Password: ☐ Save Password

Proxy Configuration...

Specify Destination Folder:

Clone into: 

C:\sources\netbeans

 \incubator-netbeans 

Browse...

(Leave empty to specify the destination later)

< Back

Next >

Finish

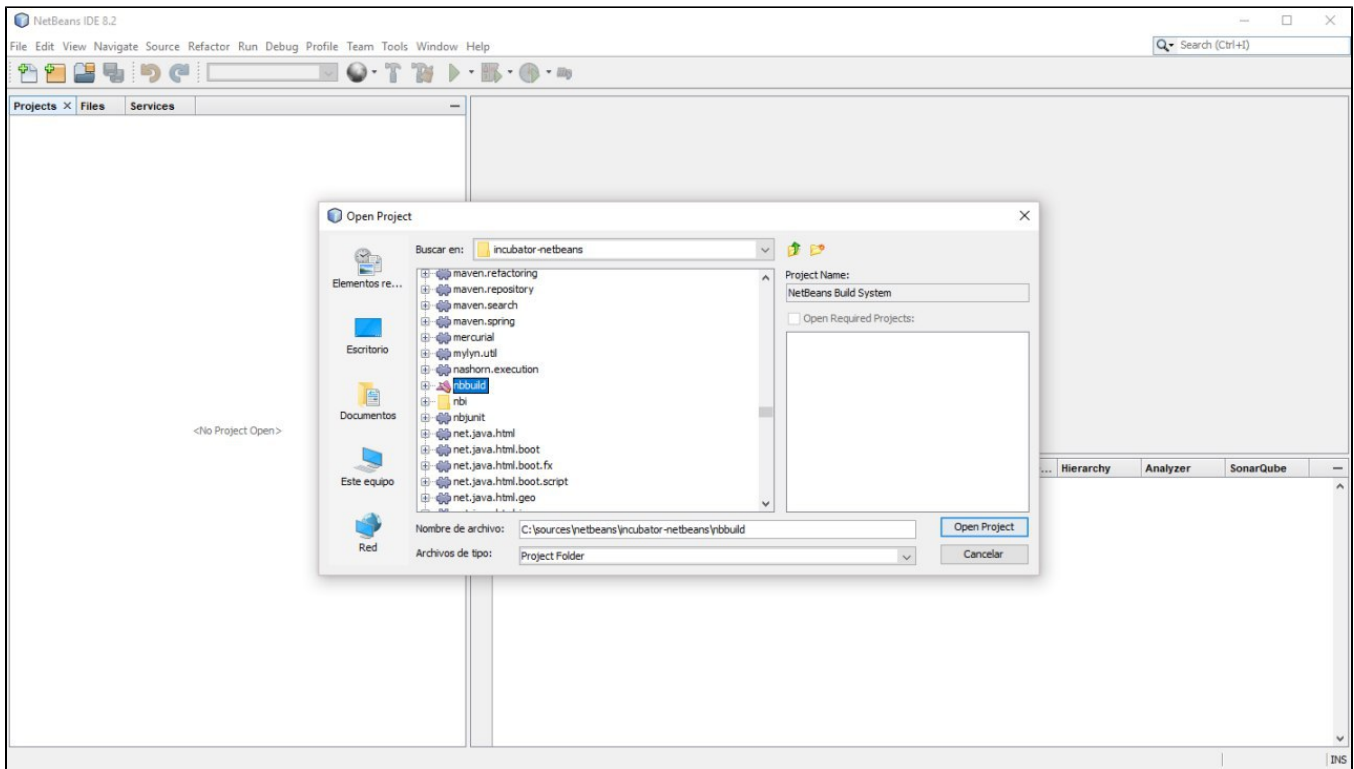
Cancel

Help

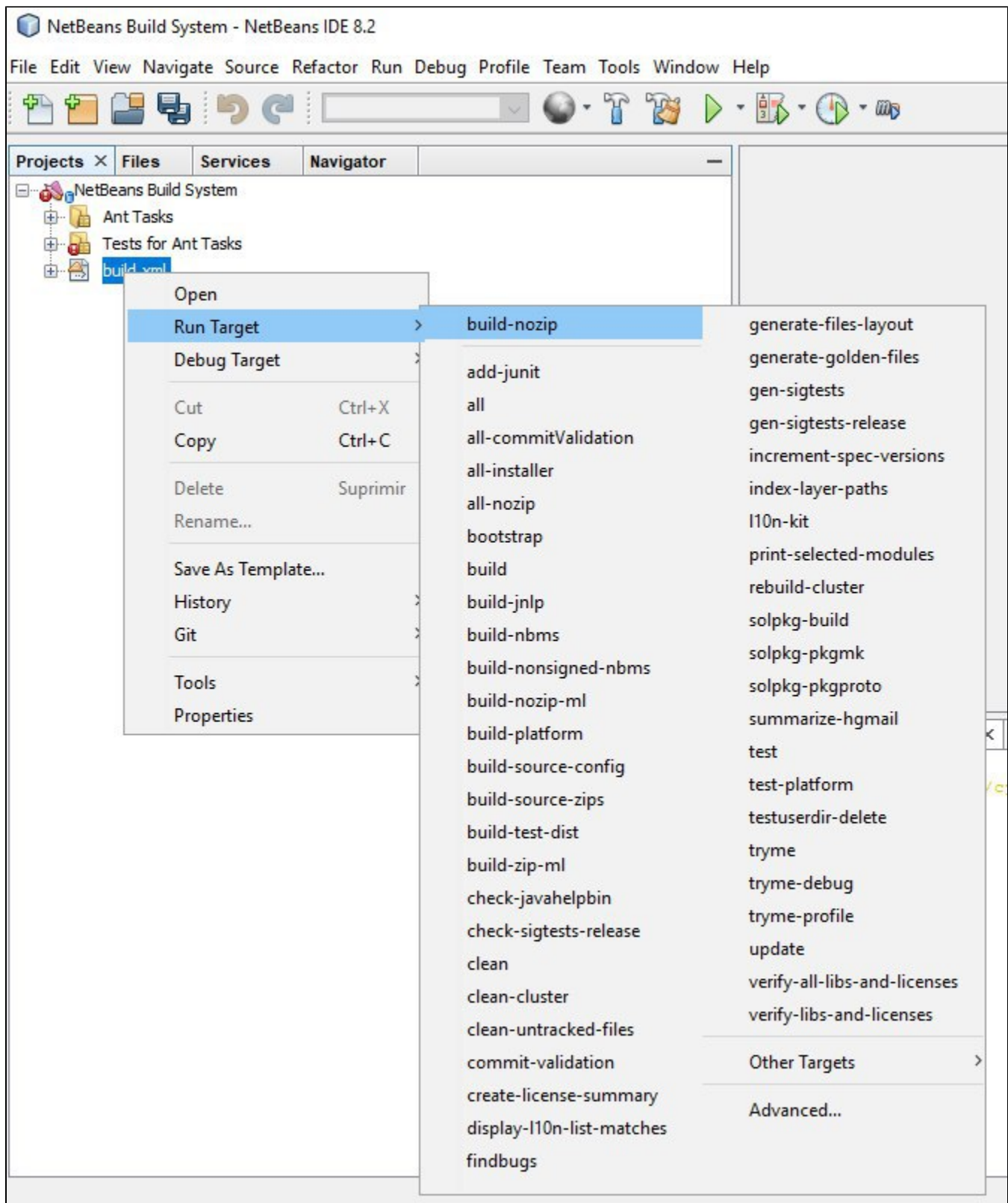
You get source code of Netbeans in the incubator area of Apache Software Foundation

Windows10 (C:) > sources > netbeans > incubator-netbeans				
Nombre	Fecha de modifica...	Tipo	Tamaño	
maven.coverage	19/10/2017 19:50	Carpeta de archivos		
maven.embedder	19/10/2017 19:46	Carpeta de archivos		
maven.grammar	19/10/2017 19:50	Carpeta de archivos		
maven.graph	19/10/2017 19:50	Carpeta de archivos		
maven.hints	19/10/2017 19:50	Carpeta de archivos		
maven.htmlui	19/10/2017 19:50	Carpeta de archivos		
maven.indexer	19/10/2017 19:46	Carpeta de archivos		
maven.indexer.ui	19/10/2017 19:46	Carpeta de archivos		
maven.junit	19/10/2017 19:50	Carpeta de archivos		
maven.junit.ui	19/10/2017 19:50	Carpeta de archivos		
maven.kit	19/10/2017 19:50	Carpeta de archivos		
maven.model	19/10/2017 19:46	Carpeta de archivos		
maven.osgi	19/10/2017 19:51	Carpeta de archivos		
maven.persistence	19/10/2017 19:51	Carpeta de archivos		
maven.profiler	19/10/2017 19:52	Carpeta de archivos		
maven.refactoring	19/10/2017 19:51	Carpeta de archivos		
maven.repository	19/10/2017 19:51	Carpeta de archivos		
maven.search	19/10/2017 19:51	Carpeta de archivos		
maven.spring	19/10/2017 19:51	Carpeta de archivos		
mercurial	19/10/2017 19:43	Carpeta de archivos		
mylyn.util	19/10/2017 19:41	Carpeta de archivos		
nashorn.execution	19/10/2017 19:51	Carpeta de archivos		
nbbuild	19/10/2017 20:10	Carpeta de archivos		
nbi	18/10/2017 16:44	Carpeta de archivos		
nbjunit	19/10/2017 19:40	Carpeta de archivos		
net.java.html	18/10/2017 16:44	Carpeta de archivos		
net.java.html.boot	18/10/2017 16:44	Carpeta de archivos		
net.java.html.boot.fx	18/10/2017 16:44	Carpeta de archivos		
net.java.html.boot.script	18/10/2017 16:44	Carpeta de archivos		
net.java.html.boot	18/10/2017 16:44	Carpeta de archivos		

Open nbbuild project in your Netbeans 8

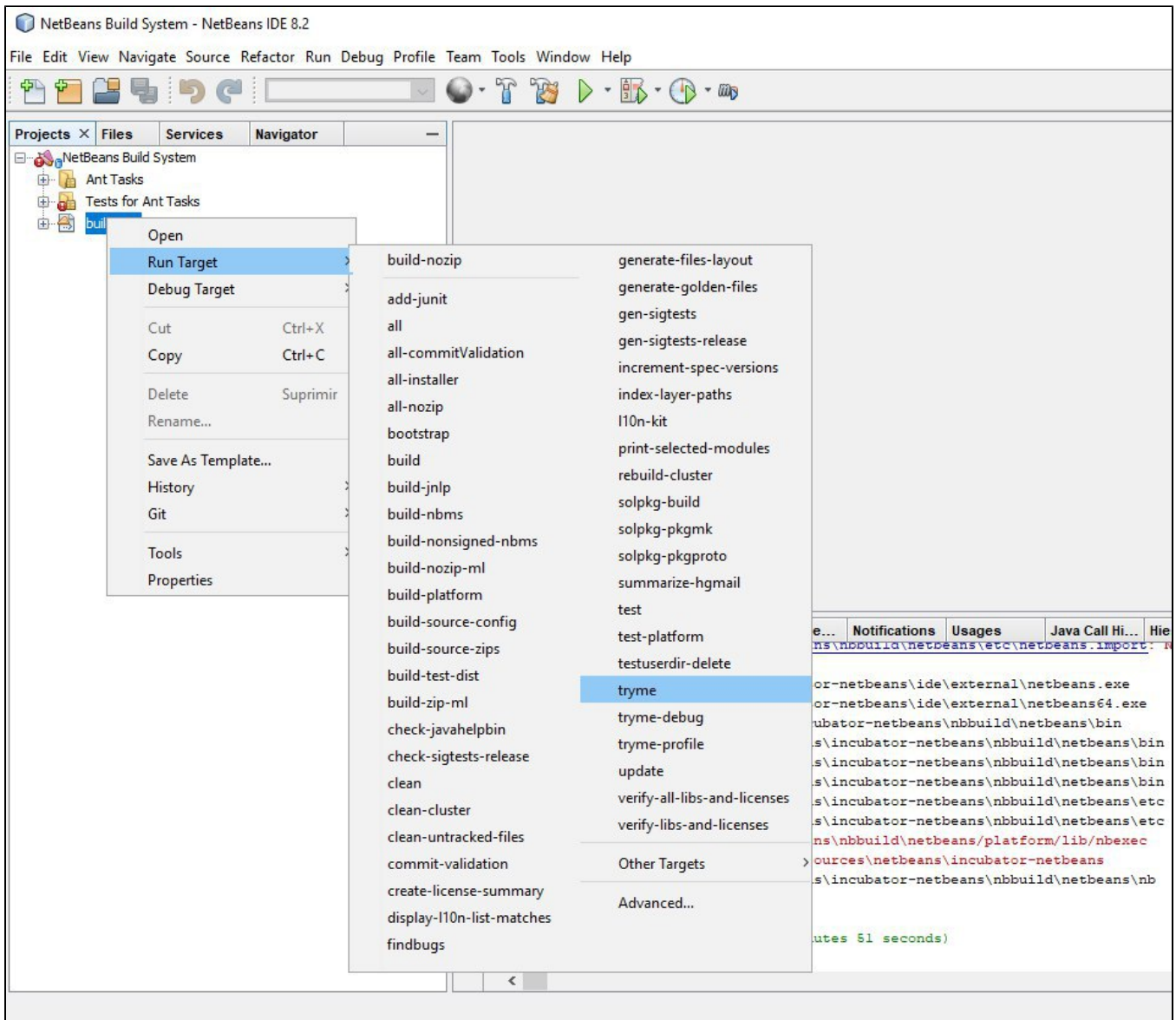


Right click on build.xml of project and run **ant build-nozip** task



When the tasks build successful, the latest version of Netbeans is ready to run on your Windows. You can run **ant tryme** and it runs a new Netbeans for you.





But let's go to run it with Java9 and test the new JShell. Go to **file etc/netbeans.conf** and change the netbeans jdk home




Windows10 (C:) > sources > netbeans > incubator-netbeans > nbbuild > netbeans > etc

Nombre	Fecha de modifica...	Tipo	Tamaño
netbeans.clusters	19/10/2017 21:54	Archivo CLUSTERS	1 KB
netbeans.conf	19/10/2017 21:54	Archivo CONF	5 KB
netbeans.import	19/10/2017 21:54	Archivo IMPORT	6 KB

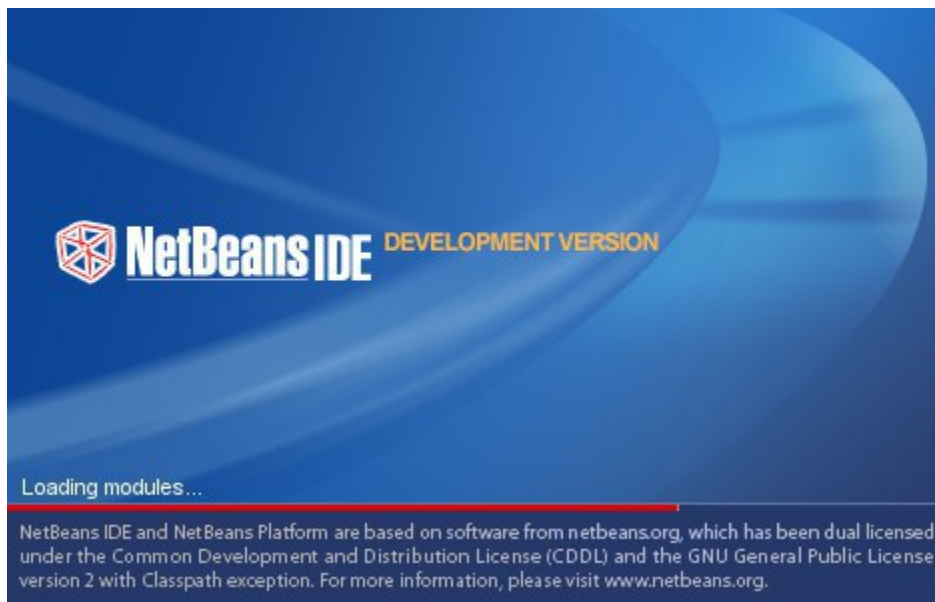
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netbeans.conf
29 # would cause problems.
30 #
31 netbeans_default_userdir="${DEFAULT_USERDIR_ROOT}/dev"
32 netbeans_default_cachedir="${DEFAULT_CACHEDIR_ROOT}/dev"
33
34 # Options used by NetBeans launcher by default:
35 # (can be overridden by explicit command line switches)
36 #
37 # Note that default -Xmx is selected for you automatically.
38 # You can find these values in var/log/messages.log file in your userdir.
39 # The automatically selected value can be overridden by specifying -J-Xmx
40 # here or on the command line.
41 #
42 # If you specify the heap size explicitly, you may also want to enable
43 # Concurrent Mark & Sweep garbage collector.
44 # (see http://wiki.netbeans.org/FaqGCPauses)
45 #
46 netbeans_default_options="-J-client -J-Xss2m -J-Xms32m -J-Dnetbeans.logger.console=true -J-e
47
48 # Default location of JDK:
49 # (set by installer or commented out if launcher should decide)
50 #
51 # It can be overridden on command line by using --jdkhome <dir>
52 # Be careful when changing jdkhome.
53 # There are two NetBeans launchers for Windows (32-bit and 64-bit) and
54 # installer points to one of those in the NetBeans application shortcut
55 # based on the Java version selected at installation time.
56 #
57 netbeans_jdkhome="C:\Program Files\Java\jdk-9"
58
59 # Additional module clusters:
60 # using ${path.separator} (';' on Windows or ':' on Unix):
61 #
62 netbeans_extraclusters="/absolute/path/to/cluster1:/absolute/path/to/cluster2"
63
64
```

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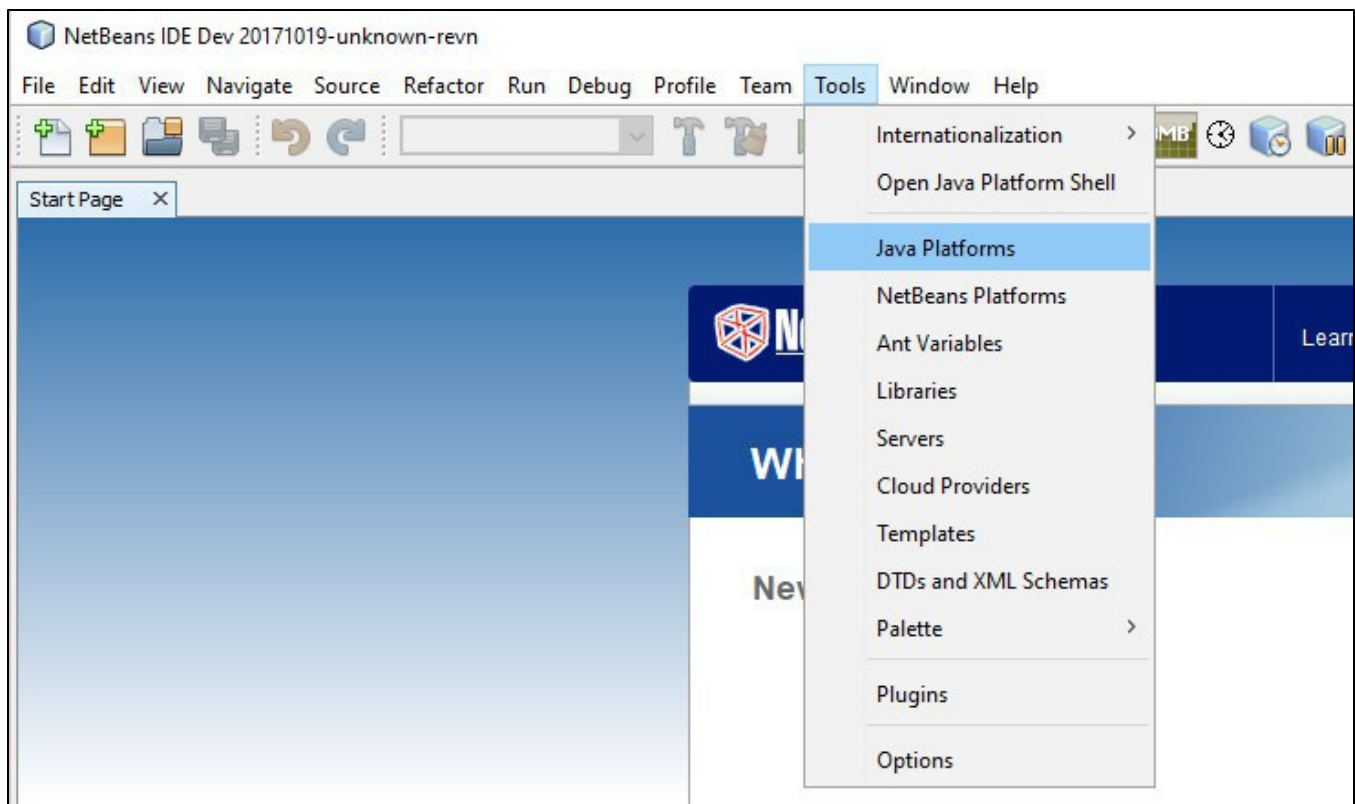
Run Netbeans Windows executable

Windows10 (C:) > sources > netbeans > incubator-netbeans > nbbuild > netbeans > bin			
Nombre	Fecha de modifica...	Tipo	Tamaño
 netbeans	19/10/2017 21:54	Archivo	6 KB
 netbeans	19/10/2017 21:54	Aplicación	643 KB
 netbeans64	19/10/2017 21:54	Aplicación	1.629 KB

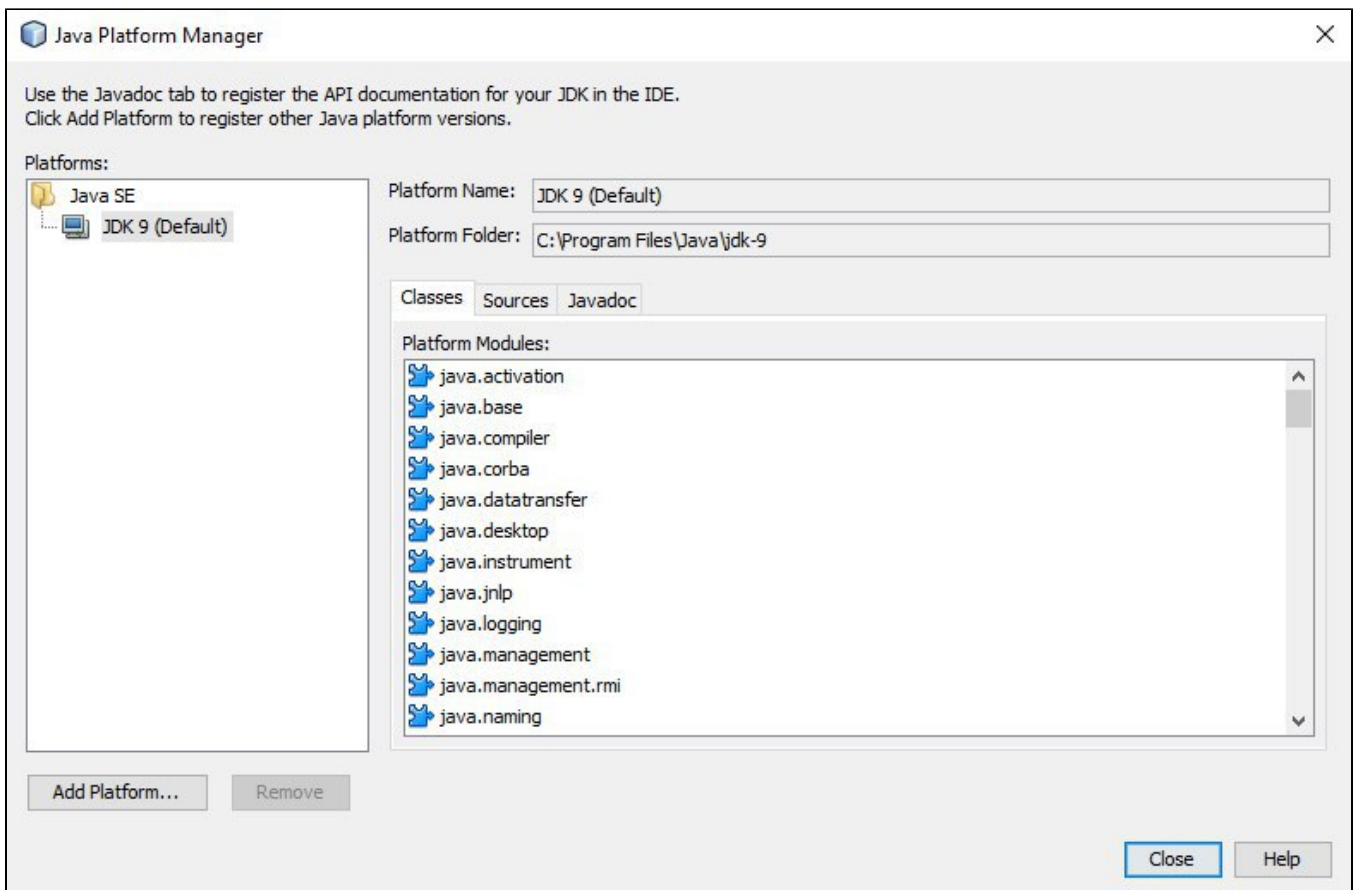
Double click (be carefull that your antivirus don't block Netbeans)



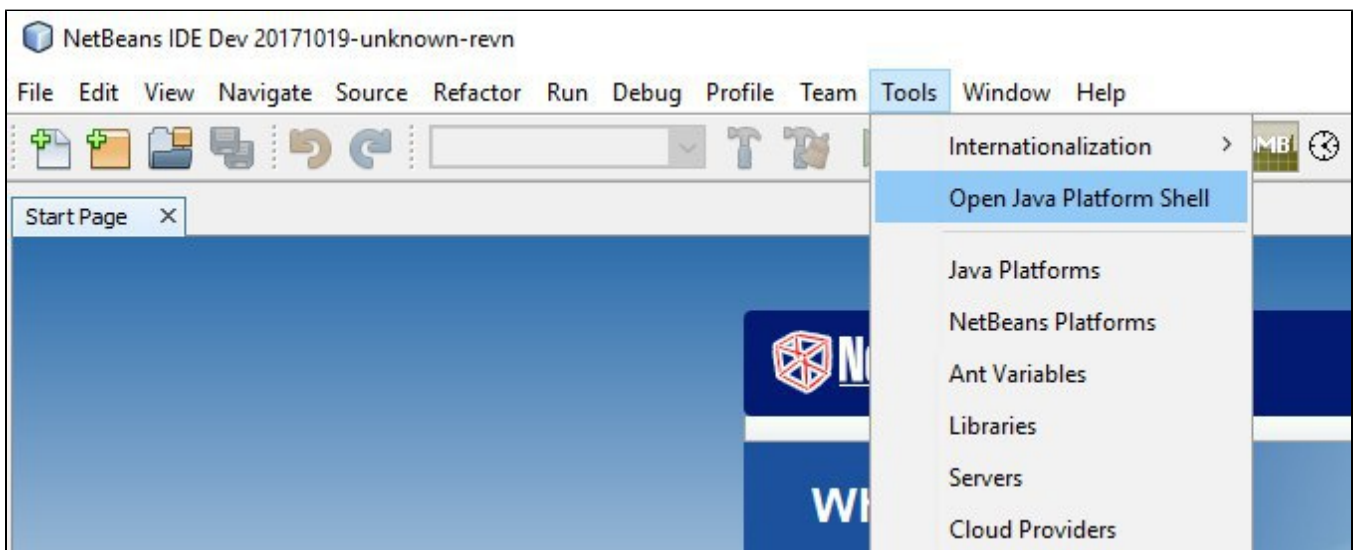
Verify it runs with JDK9 by default

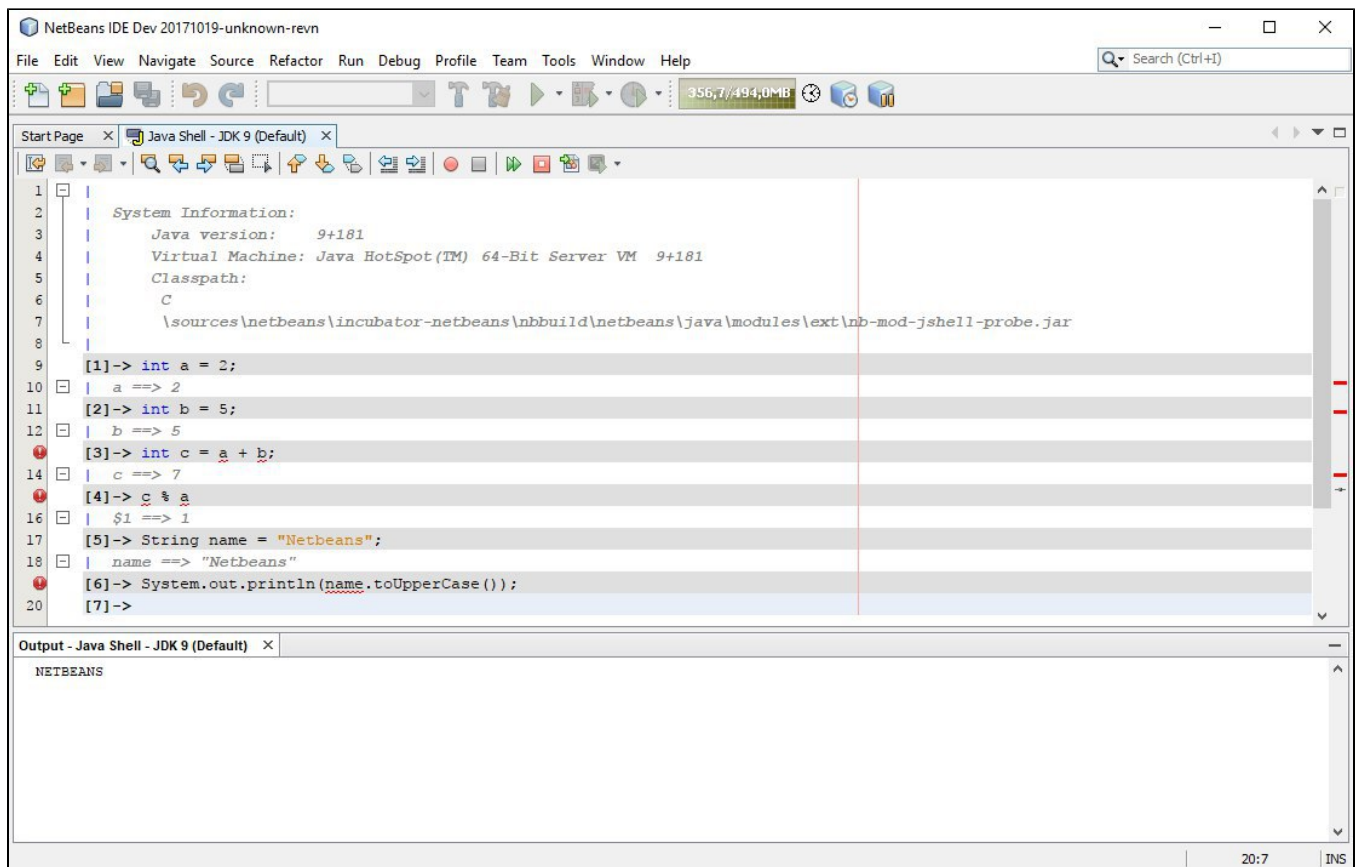






Play with your JShell !!





If you enjoy using Netbeans and you want to **get involved** in it, continue reading this page [How to Participate](#)