How to download Netbeans 8.2 (Note: don't run Netbeans 8.2 installer before installing Java version 8 JDK and/or Cygwin)

1. Download java version 8 jdk (I drew a box around the 64-bit version because it is the one that will most likely be)
   a. Link: https://www.oracle.com/java/technologies/javase-jdk8-downloads.html
      i. You can search java version 8 jdk if link does not work
   b. Image (scroll down the page to reach spot) :

Solaris SPARC 64-bit (SVR4 package)	133.01 MB	jdk-8u241-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	94.24 MB	jdk-8u241-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	133.8 MB	jdk-8u241-solaris-x64.tar.Z
Solaris x64	92.01 MB	jdk-8u241-solaris-x64.tar.gz
Windows x86	200.86 MB	jdk-8u241-windows-i586.exe
Windows x64	210.92 MB	jdk-8u241-windows-x64.exe

   c. Follow installation steps and leave default setting from installer as they are
2. Download Cygwin (64-bit version) and run executable
   a. Link: https://www.cygwin.com/
   b. Image (scroll down the page to reach spot) :

Cygwin version

The most recent version of the Cygwin DLL is 3.1.4.

Installing Cygwin

Install Cygwin by running setup-x86_64.exe

Use the setup program to perform a fresh install or to update an existing installation.
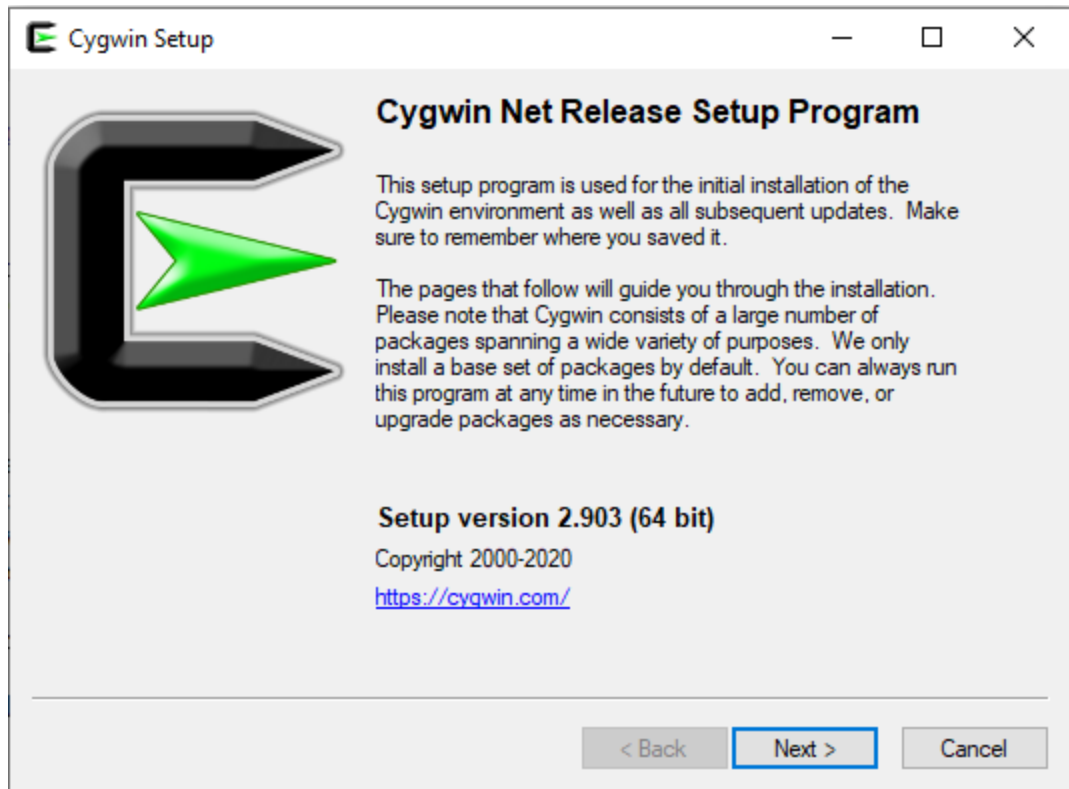
Keep in mind that individual packages in the distribution are updated separately from the DLL so the Cygwin DLL version is not useful as a general Cygwin distribution release number.
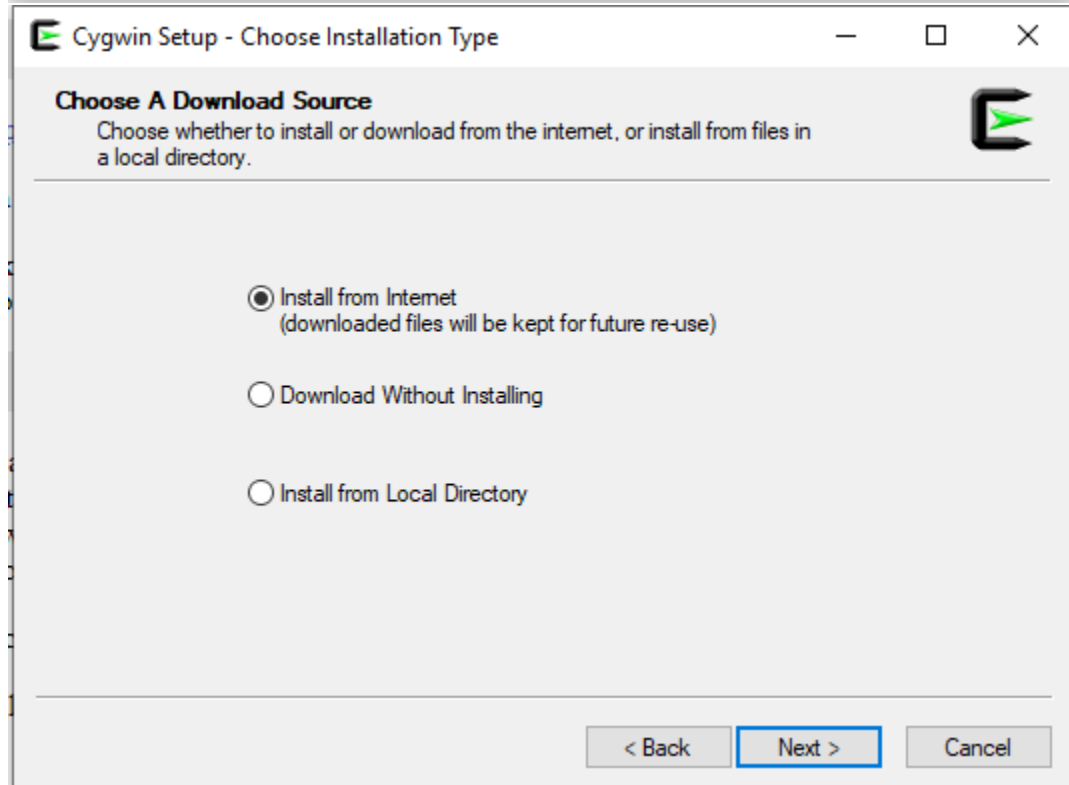
Support for Cygwin

For all Cygwin-related questions and observations, please check the resources available at this site, such as the FAQ, the User's Guide and the mailing
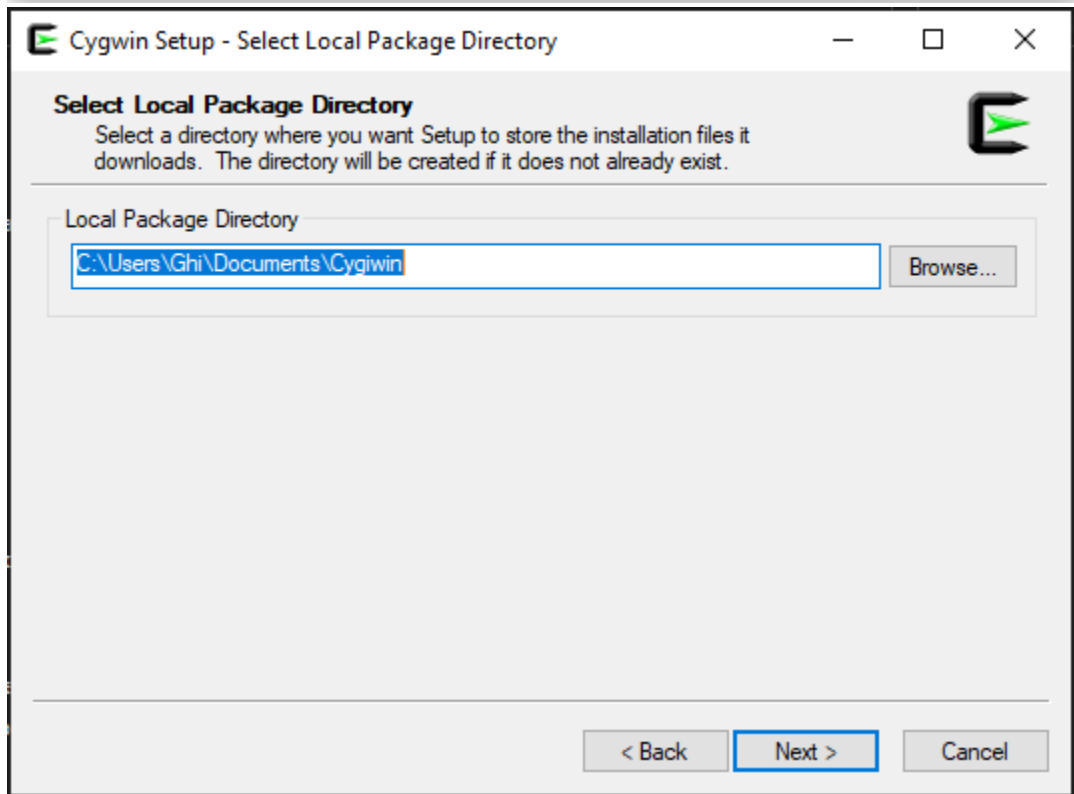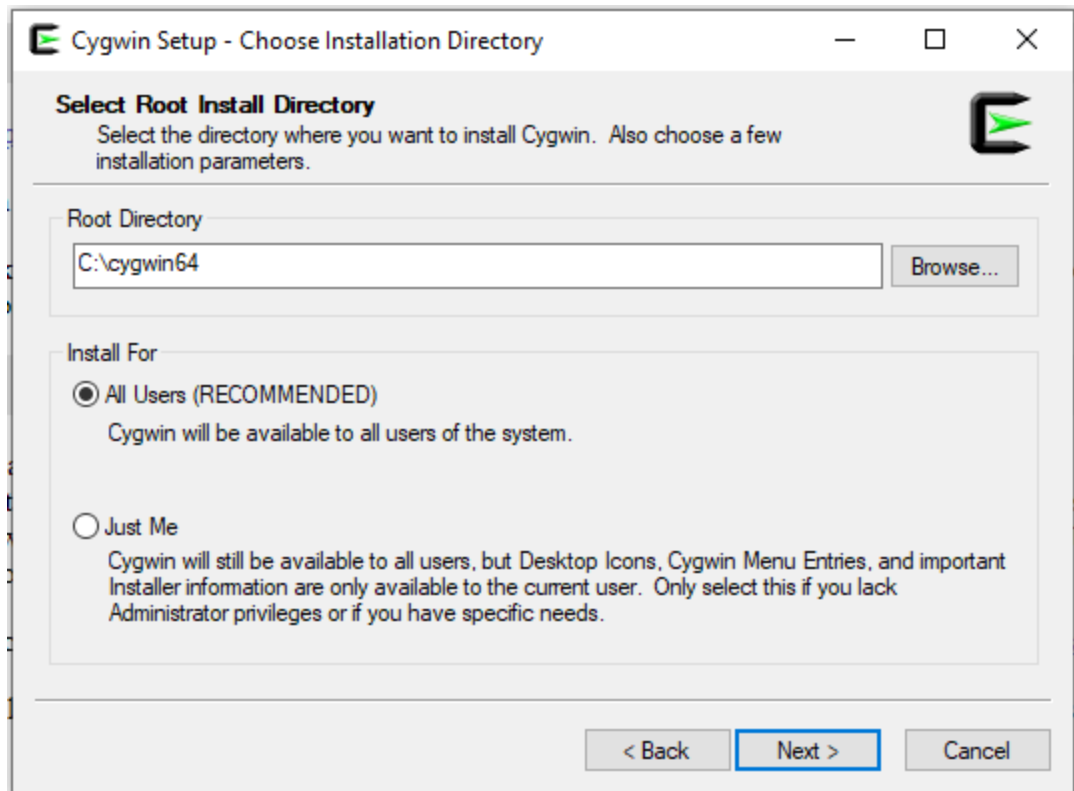
3. Run Cygwin setup-x86_64.exe and press next for the next few steps until you reach list of packages. leave default setting from installer
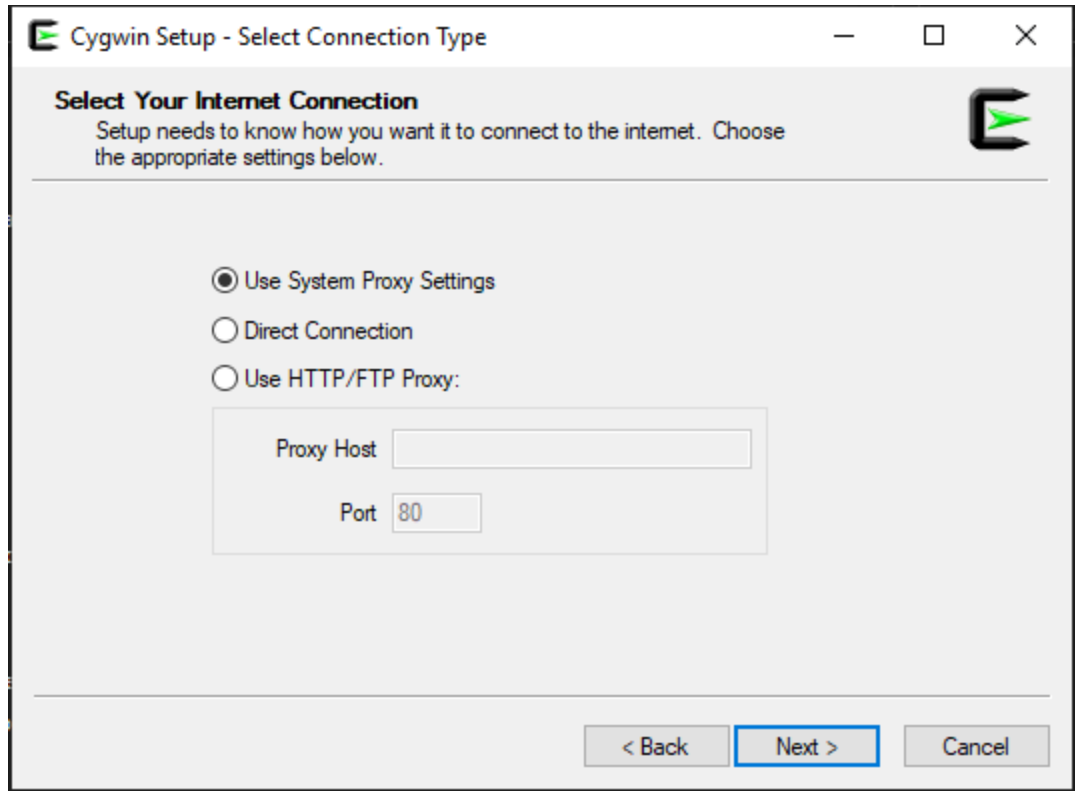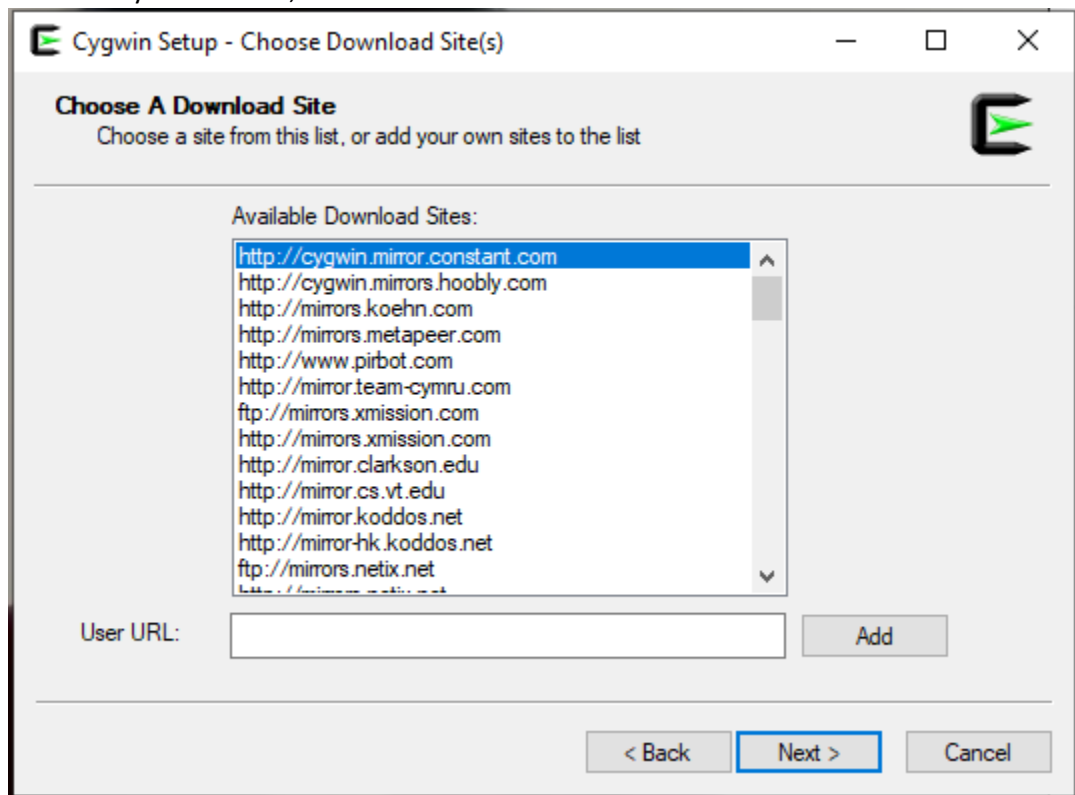   a.

Cygwin Setup

Cygwin Net Release Setup Program

This setup program is used for the initial installation of the Cygwin environment as well as all subsequent updates. Make sure to remember where you saved it.

The pages that follow will guide you through the installation. Please note that Cygwin consists of a large number of packages spanning a wide variety of purposes. We only install a base set of packages by default. You can always run this program at any time in the future to add, remove, or upgrade packages as necessary.

Setup version 2.903 (64 bit)

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https://cygwin.com/

| < Back | Next > | Cancel |

b.

Cygwin Setup - Choose Installation Type

Choose A Download Source
Choose whether to install or download from the internet, or install from files in a local directory.

- ● Install from Internet
  (downloaded files will be kept for future re-use)

- ○ Download Without Installing

- ○ Install from Local Directory

| < Back | Next > | Cancel |

Cygwin Setup - Choose Installation Directory

Select Root Install Directory
Select the directory where you want to install Cygwin. Also choose a few installation parameters.

Root Directory

C:\cygwin64   Browse...

Install For

◉ All Users (RECOMMENDED)

Cygwin will be available to all users of the system.

○ Just Me

Cygwin will still be available to all users, but Desktop Icons, Cygwin Menu Entries, and important Installer information are only available to the current user. Only select this if you lack Administrator privileges or if you have specific needs.

< Back   Next >   Cancel

Cygwin Setup - Select Local Package Directory

Select Local Package Directory
Select a directory where you want Setup to store the installation files it downloads. The directory will be created if it does not already exist.

Local Package Directory

C:\Users\Ghi\Documents\Cygiwin   Browse...

< Back   Next >   Cancel

c. Choose any mirror links, it does not matter

4. Currently the page should be list of packages. Make sure that from the top left drop-down menu for view that full is selected
   a. In the search box enter **gcc**. From the package column find **gcc-core** and **gcc-g++.** For each package under the column New, click the drop-down arrow button and select the highest non-test version in the list

   b. In the search box enter **gdb** and find package name **gdb** and select highest non-test version under column New

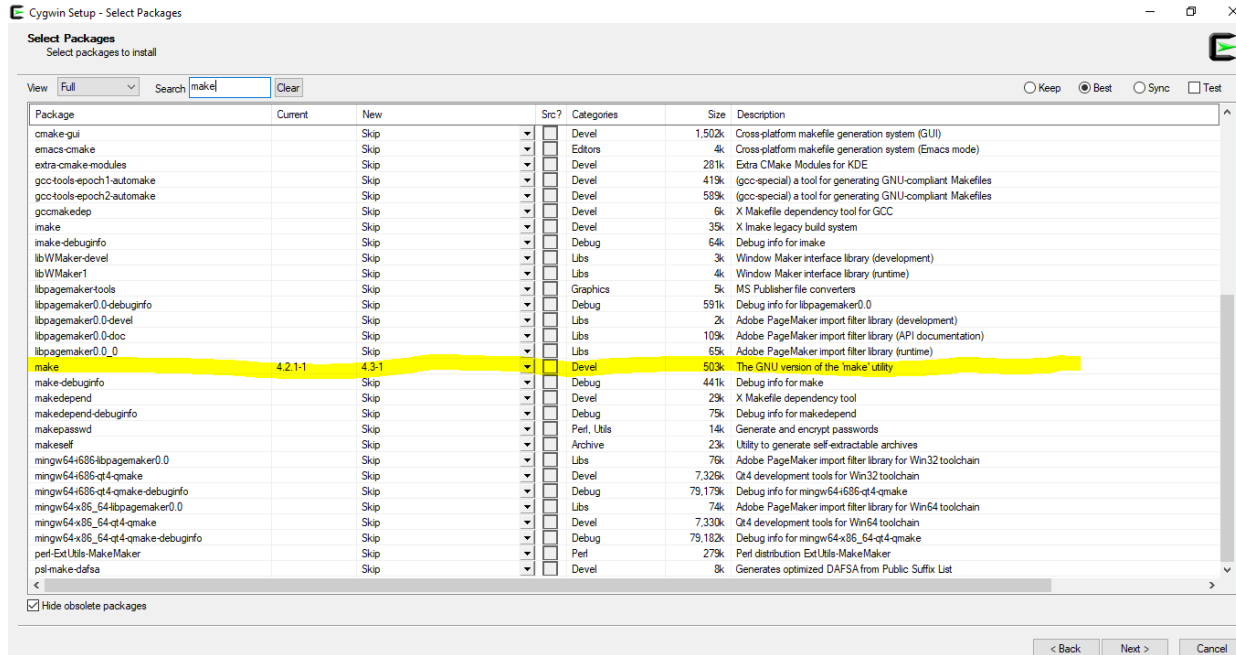   c. In the search box enter make and find package **make** and under the column New select highest non-test version

Select Packages
Select packages to install

View Full ▾   Search make   Clear   ○ Keep ● Best ○ Sync ☐ Test

Package	Current	New	Src?	Categories	Size	Description
cmake-gui		Skip	☐	Devel	1,502k	Cross-platform makefile generation system (GUI)
emacs-cmake		Skip	☐	Editors	4k	Cross-platform makefile generation system (Emacs mode)
extra-cmake-modules		Skip	☐	Devel	281k	Extra CMake Modules for KDE
gcc-tools-epoch1-automake		Skip	☐	Devel	419k	(gcc-special) a tool for generating GNU-compliant Makefiles
gcc-tools-epoch2-automake		Skip	☐	Devel	589k	(gcc-special) a tool for generating GNU-compliant Makefiles
gccmakedep		Skip	☐	Devel	6k	X Makefile dependency tool for GCC
imake		Skip	☐	Devel	35k	X Imake legacy build system
imake-debuginfo		Skip	☐	Debug	64k	Debug info for imake
libWMaker-devel		Skip	☐	Libs	3k	Window Maker interface library (development)
libWMaker1		Skip	☐	Libs	4k	Window Maker interface library (runtime)
libpagemaker-tools		Skip	☐	Graphics	5k	MS Publisher file converters
libpagemaker0.0-debuginfo		Skip	☐	Debug	591k	Debug info for libpagemaker0.0
libpagemaker0.0-devel		Skip	☐	Libs	2k	Adobe PageMaker import filter library (development)
libpagemaker0.0-doc		Skip	☐	Libs	109k	Adobe PageMaker import filter library (API documentation)
libpagemaker0.0_0		Skip	☐	Libs	65k	Adobe PageMaker import filter library (runtime)
make	4.2.1-1	4.3-1	☐	Devel	503k	The GNU version of the 'make' utility
make-debuginfo		Skip	☐	Debug	441k	Debug info for make
makedepend		Skip	☐	Devel	29k	X Makefile dependency tool
makedepend-debuginfo		Skip	☐	Debug	75k	Debug info for makedepend
makepasswd		Skip	☐	Perl, Utils	14k	Generate and encrypt passwords
makeself		Skip	☐	Archive	23k	Utility to generate self-extractable archives
mingw64-i686-libpagemaker0.0		Skip	☐	Libs	76k	Adobe PageMaker import filter library for Win32 toolchain
mingw64-i686-qt4-qmake		Skip	☐	Devel	7,326k	Qt4 development tools for Win32 toolchain
mingw64-i686-qt4-qmake-debuginfo		Skip	☐	Debug	79,179k	Debug info for mingw64-i686-qt4-qmake
mingw64-x86_64-libpagemaker0.0		Skip	☐	Libs	74k	Adobe PageMaker import filter library for Win64 toolchain
mingw64-x86_64-qt4-qmake		Skip	☐	Devel	7,330k	Qt4 development tools for Win64 toolchain
mingw64-x86_64-qt4-qmake-debuginfo		Skip	☐	Debug	79,182k	Debug info for mingw64-x86_64-qt4-qmake
perl-ExtUtils-MakeMaker		Skip	☐	Perl	279k	Perl distribution ExtUtils-MakeMaker
psl-make-dafsa		Skip	☐	Devel	8k	Generates optimized DAFSA from Public Suffix List

☑ Hide obsolete packages

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d.
Click next after selecting all 4 packages, next page should be a list of packages that will be installing (Mine is different because some of those packages are already installed). After seeing the list click next and download should start. Next step will take a while

Review and confirm changes

```
Uninstall binutils 2.29-1 (automatically added)
Uninstall bzip2 1.0.6-3 (automatically added)
Uninstall ca-certificates 2.30-1 (automatically added)
Uninstall cygwin 3.0.7-1 (automatically added)
Uninstall cygwin-devel 3.0.7-1 (automatically added)
Uninstall gcc-core 7.4.0-1 (automatically added)
Uninstall gcc-g++ 7.4.0-1 (automatically added)
Uninstall info 6.6-1 (automatically added)
Uninstall less 530-1 (automatically added)
Uninstall libatomic1 7.4.0-1 (automatically added)
Uninstall libbz2_1 1.0.6-3 (automatically added)
Uninstall libcurl4 7.65.0-1 (automatically added)
```

< Back   Next >   Cancel

e. After installation is complete, click finish or done to exit installer

5. Download Netbeans 8.2
    a. Link: https://netbeans.org/downloads/8.2/rc/ (Link should work, if not search "Download Netbeans 8.2)

b. Select download link under All column (This option I think is less likely to have problems)

c. Run netbeans installer and follow the steps without changing any of the default setting by clicking next

NetBeans IDE Installer   —   □   ✕

Welcome to the NetBeans IDE 8.2 RC Installer

The installer will install the NetBeans IDE with the following packs and runtimes.
Click Customize to select the packs and runtimes to install.

Base IDE
Java SE
Java EE
Java ME
HTML5/JavaScript
PHP
C/C++
Groovy
Java Card™ 3 Connected
Features on Demand

Runtimes
GlassFish Server Open Source Edition 4.1.1

NetBeans IDE

Customize...   Installation Size: 791.2 MB

Next >   Cancel

NetBeans IDE Installer   —   □   ✕

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NetBeans IDE

NETBEANS IDE 8.2 ("Product") LICENSE AGREEMENT

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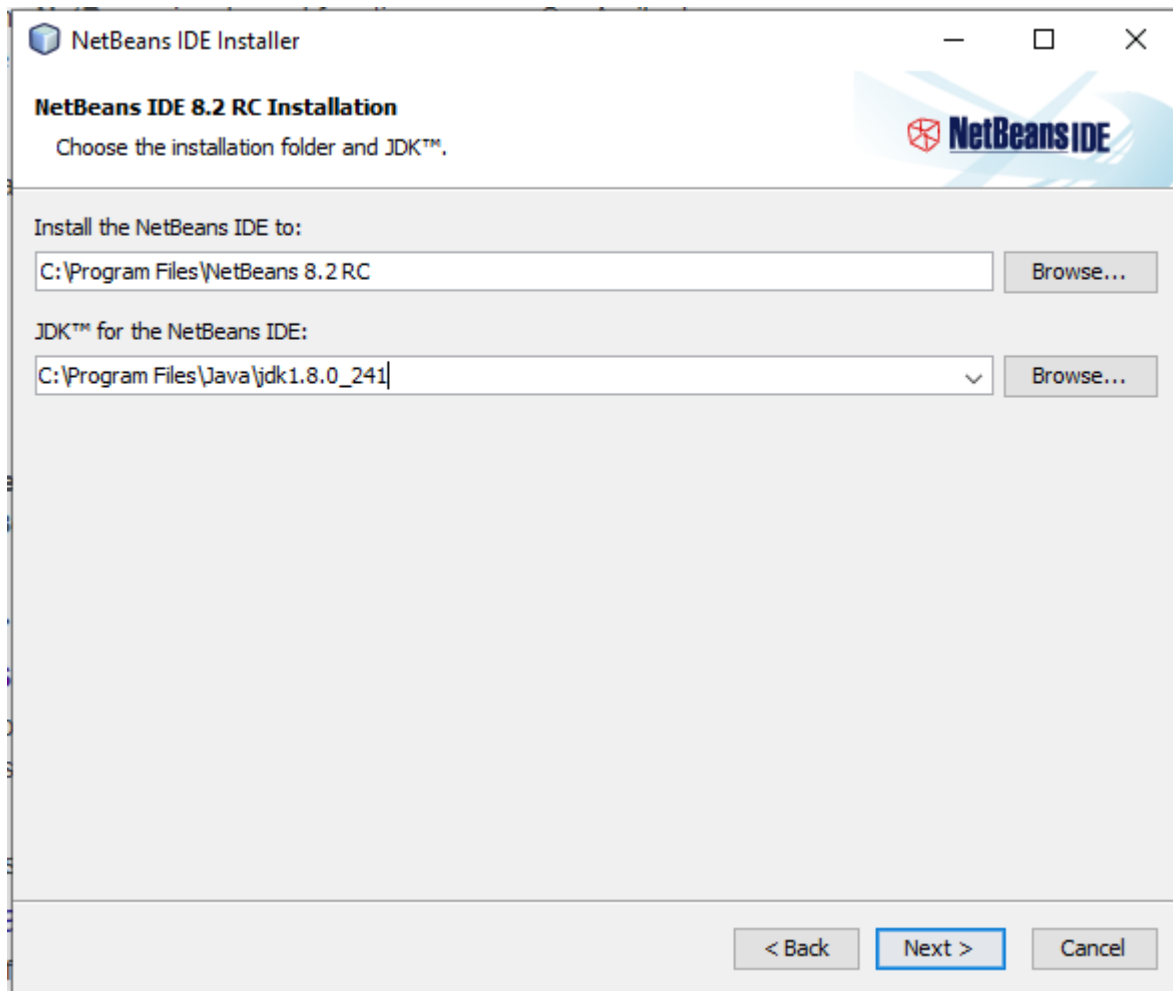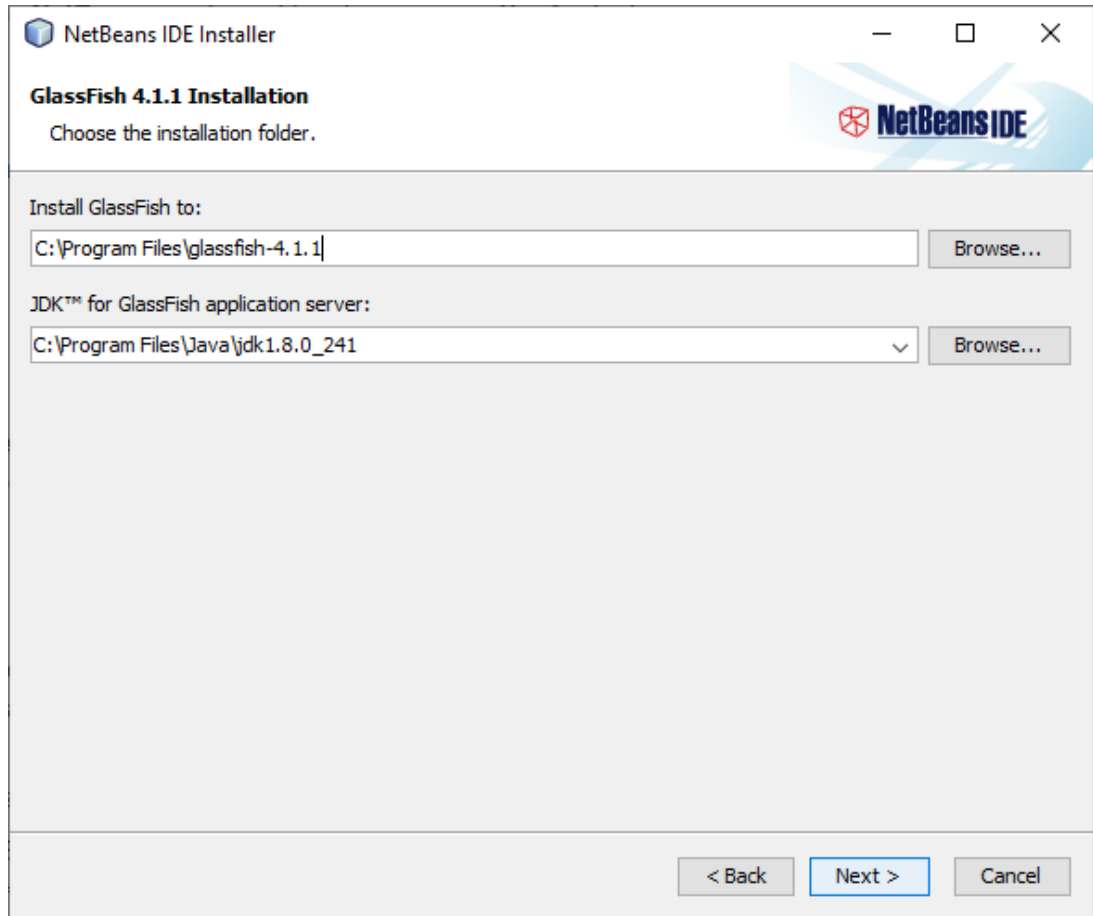< Back   Next >   Cancel

Figure 1d.   Make sure that under JDK for the NetBeans IDE to select Java version 8 from drop down menu

Make sure that under JDK for the NetBeans IDE to select Java version 8 from drop down menu
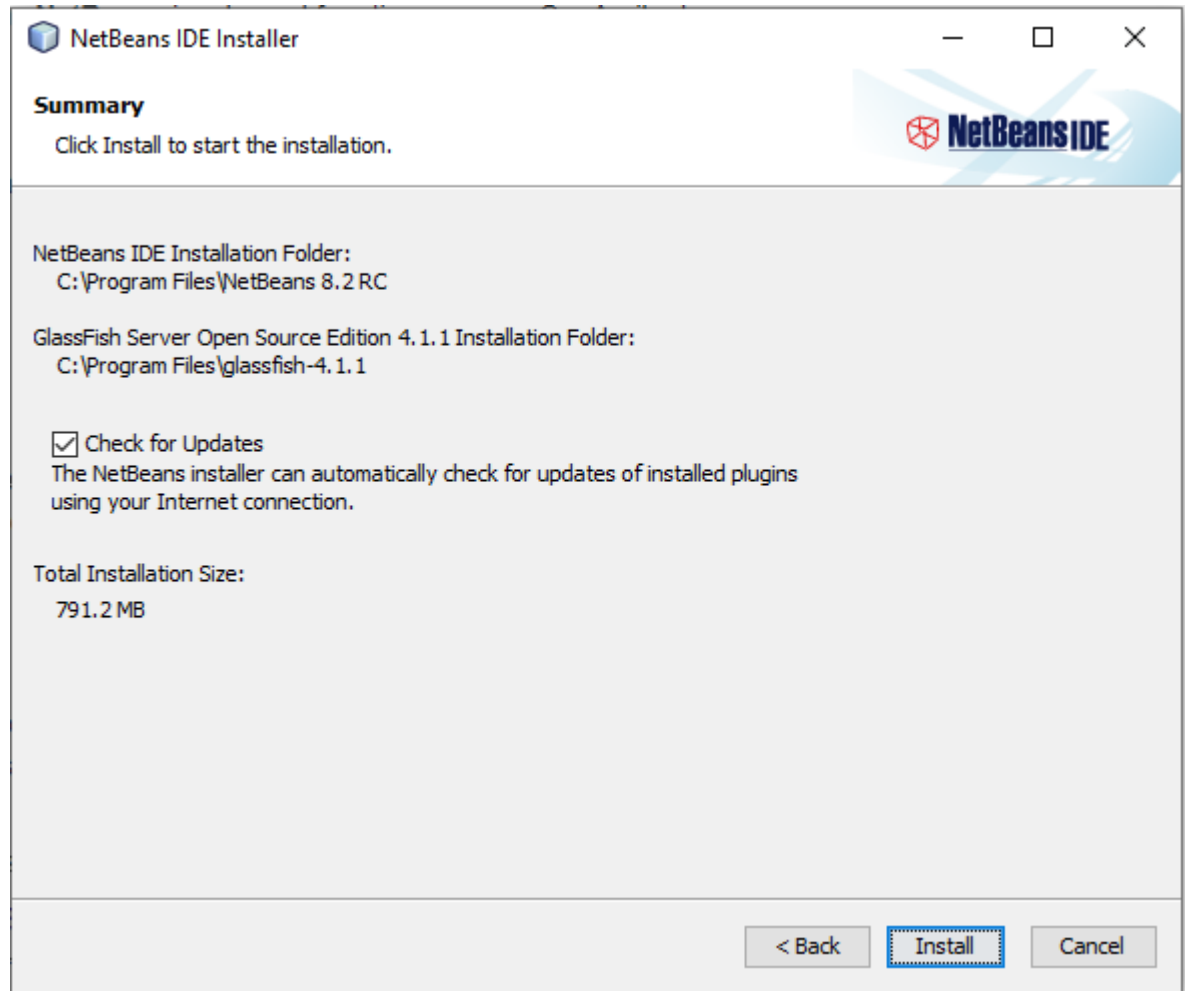
(Installation should take a while. After its done click finish or done, run and test NetBeans to see if it run)