

Install Netbeans for C in Windows (2019/09)

In order to install Netbeans for windows the following steps have to be followed in the proposed order:

1. Install cygwin
2. Install Java JDK 12
3. Netbeans 11.1 (Apache project).

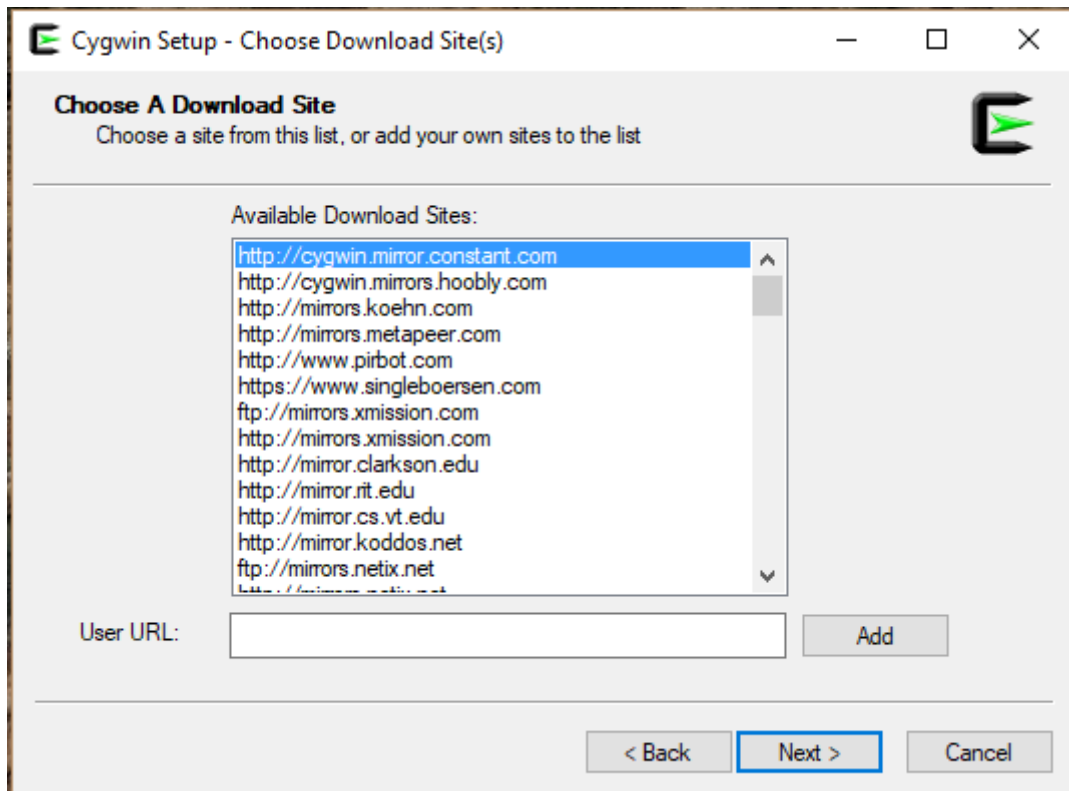
Following sections show the detailed procedure to install each component.

Install cygwin

For a 64-bit Windows system go to the link: https://cygwin.com/setup-x86_64.exe

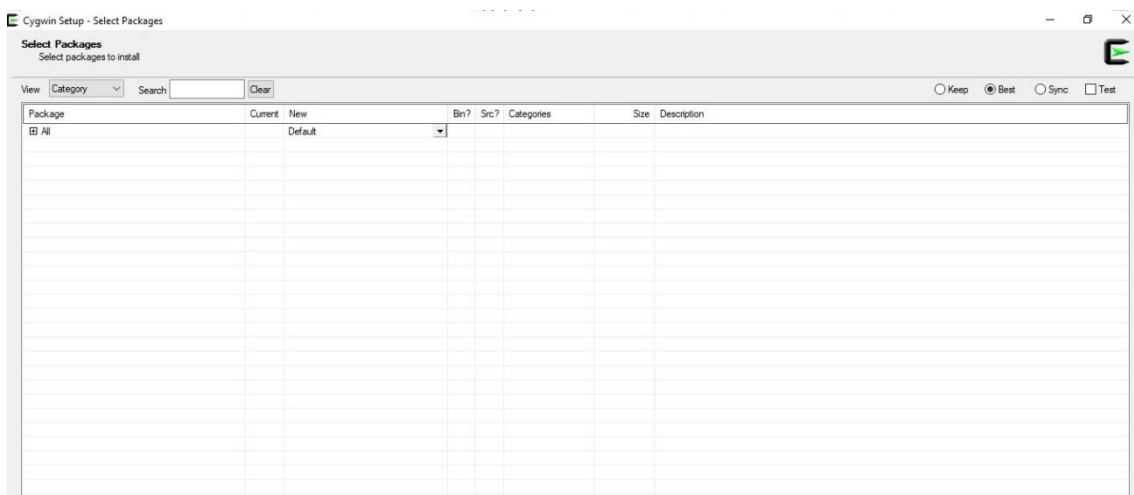
Execute the setup program.

Click on the *Next* button without selecting any particular option until you get to the following window:



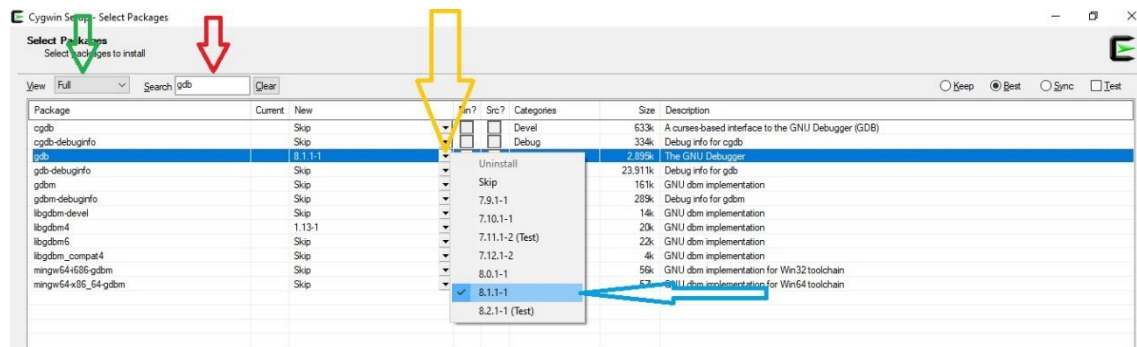
Choose any option from the list. If a close server is chosen, download will be faster

After a while the following screen appears:

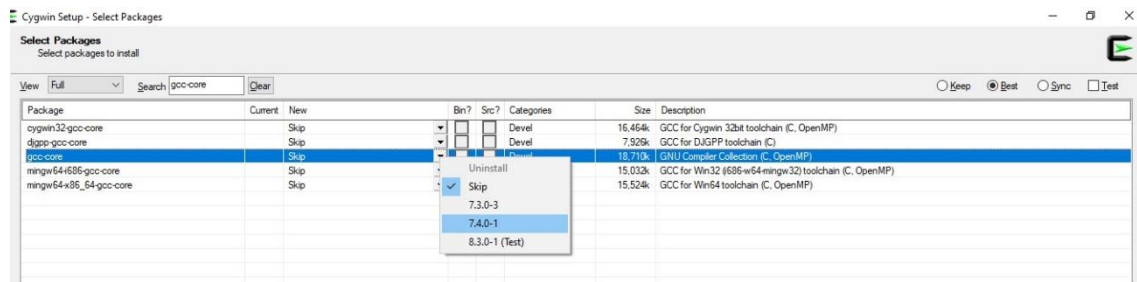


Unfold the *View* menu and click on *Full* option.

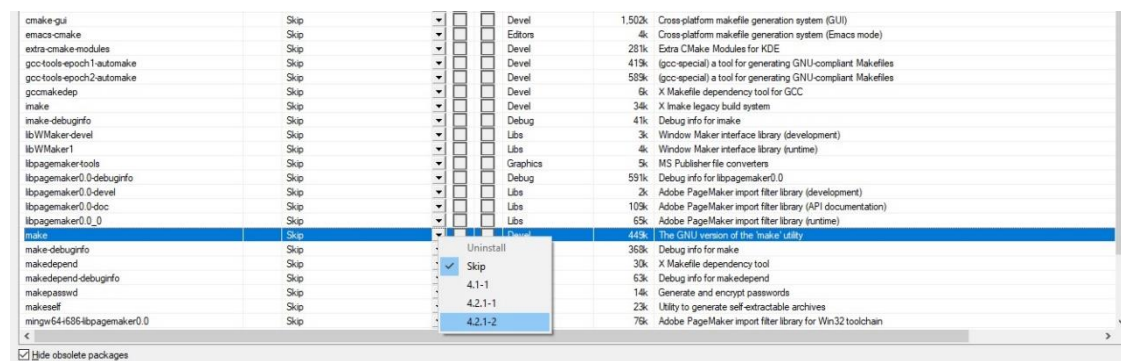
In the *search* option, write *gdb*, unfold and select the highest non-test version (for example 8.1.1-1, as shown).



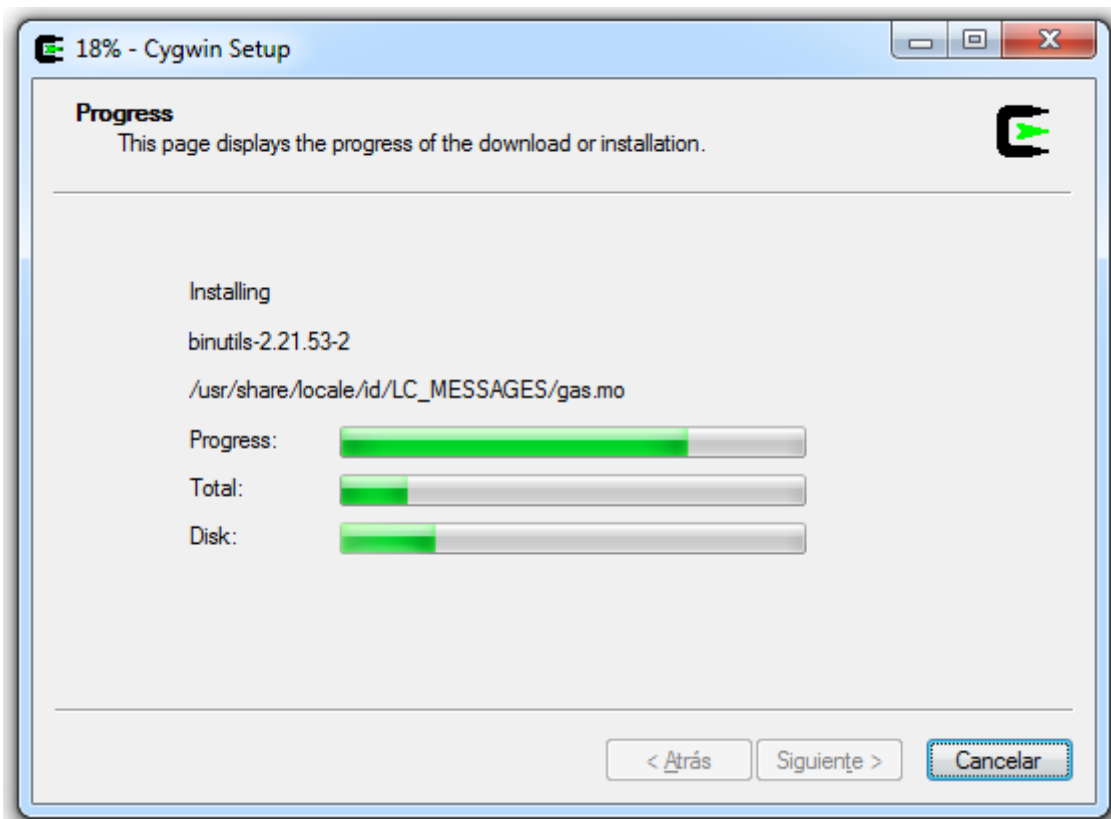
In the search option, press clear and write *gcc-core*, unfold and select the highest non-test version for *gcc-core* (for example 7.4.0-1, as shown).



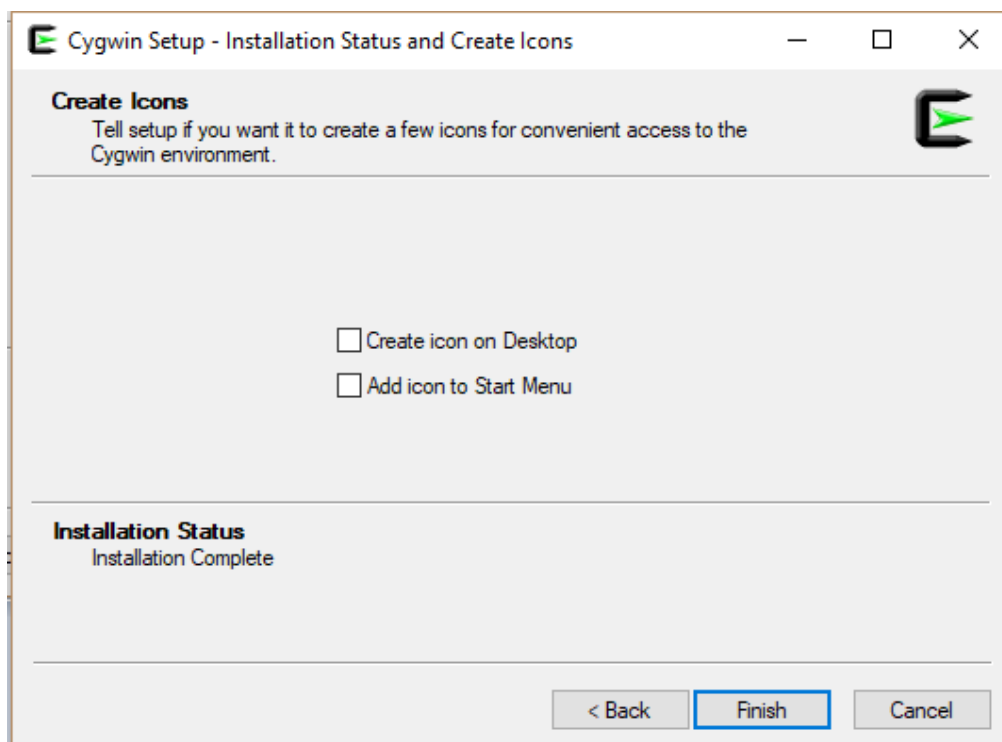
In the search option, press clear and write *make*, unfold and select the highest non-test version (for example 4.2.1-2, as shown)



Please double check that these three elements (gdb, gcc-core and make) have been selected. Click on *Next* twice to start installing the packages. This process may take a while.



Click on *Finish* in the last screen



Install Java JDK 12

Go to the Java JDK download page:

<https://www.oracle.com/technetwork/java/javase/downloads/jdk12-downloads-5295953.html>

Accept License Agreement

Download and execute the package to install it (jdk-12.0.1_windows-64_bin.exe)

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JDK 12.0.1 checksum

Java SE Development Kit 12.0.1

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Linux	154.7 MB	jdk-12.0.1_linux-x64_bin.deb
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Linux	181.18 MB	jdk-12.0.1_linux-x64_bin.tar.gz
macOS	173.4 MB	jdk-12.0.1_osx-x64_bin.dmg
macOS	173.7 MB	jdk-12.0.1_osx-x64_bin.tar.gz
Windows	158.49 MB	jdk-12.0.1_windows-x64_bin.exe
Windows	179.45 MB	jdk-12.0.1_windows-x64_bin.zip

Install Netbeans 11.1 (Apache version)

Download the netbeans file from:

<http://netbeans.apache.org/download/index.html>

Apache NetBeans Releases

Apache NetBeans is released four times a year. Our April release is a long-term support (LTS) release that benefits from our famous NetCAT community testing process, and will remain available and supported for a year. Our other quarterly releases provide early access to new features. See [full release schedule](#).

Apache NetBeans 11 feature update 1 (NB 11.1)

Latest version of the IDE, released on July 22, 2019.



Apache NetBeans 11 LTS (NB 11.0)

Latest LTS version of the IDE, released on April 4, 2019.



Older releases

Older Apache NetBeans releases and pre-Apache NetBeans releases can still be downloaded, but are no longer supported.

Downloading Apache NetBeans 11.1

Apache NetBeans 11.1 was released on July 22, 2019. See [Apache NetBeans 11.1 Features](#) for a full list of features.

Apache NetBeans 11.1 is available for download from your closest Apache mirror.

- Binaries: netbeans-11.1-bin.zip (SHA-512, PGP ASC)
- Installers:
 - Apache-NetBeans-11.1-bin-windows-x64.exe (SHA-512, PGP ASC)
 - Apache-NetBeans-11.1-bin-linux-x64.sh (SHA-512, PGP ASC)
 - Apache-NetBeans-11.1-bin-macosx.dmg (SHA-512, PGP ASC)
- Source: netbeans-11.1-source.zip (SHA-512, PGP ASC)
- Javadoc for this release is available at <https://bits.netbeans.org/11.1/javadoc>

Officially, it is important that you [verify the integrity](#) of the downloaded files using the PGP signatures (.asc file) or a hash (.sha512 files). The PGP keys used to sign this release are available [here](#).

[Building from source](#)
[Community approval](#)
[Earlier releases](#)

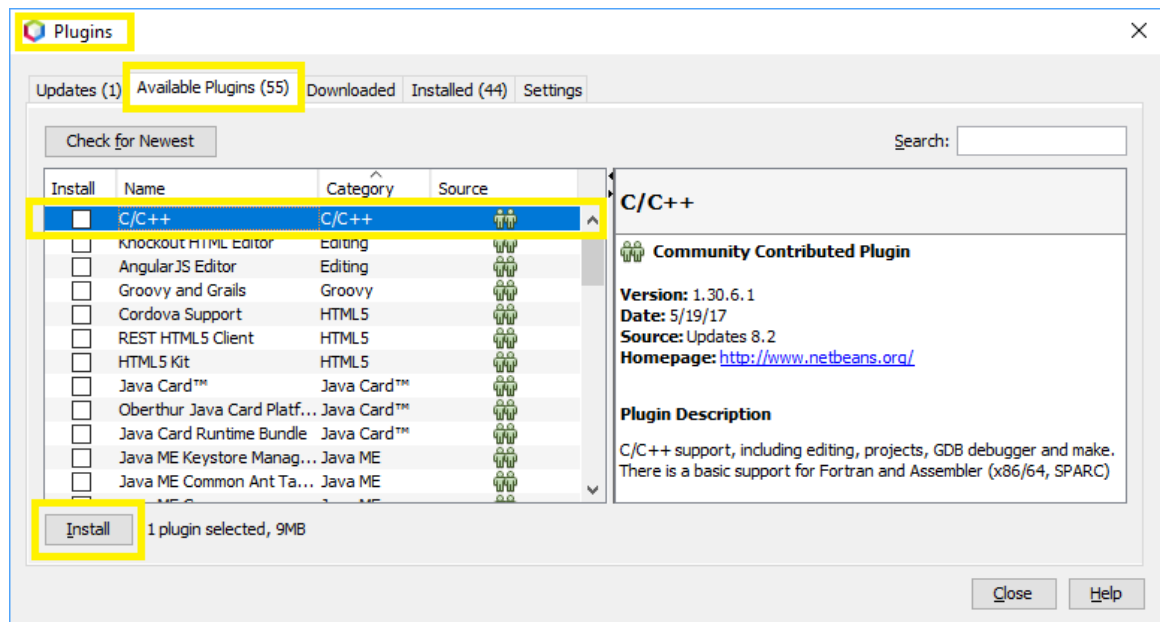
Download the file and execute it clicking on *Next* in all screens to install it. Once installed, execute Netbeans.

Follow the next steps to add the C/C++ plugin:

Step 1 of 2: Make C/C++ available as a plugin.

- **Tools > Plugins > Settings** tab > click the **Add** button.
- On the **Update Center Customizer** screen, if it is not yet installed:
 - Enter some value in the **Name** field (e.g. "My plugins"),

- Enter <http://updates.netbeans.org/netbeans/updates/8.2/uc/final/distribution/catalog.xml.gz> in the **URL** field
- Click the **OK** button.
- This should create a new entry in the **Configuration of Update Centers** list in the **Settings** tab.
- Checking that new entry should instantly add plugins to the **Available Plugins** tab.
- Click the **Available Plugins** tab, then click the **Category** column to sort the entries by category.
- The **Name** of the entry at the top of the list should be **C/C++**. If so, you have successfully made the plugin available:



Step 2 of 2: Install the C/C++ plugin.

- Check the **C/C++** entry shown in the screen shot above, and then click the **Install** button.
- Follow the wizard's instructions. The plugin will be downloaded and installed, and you will be required to restart NetBeans.
- To confirm that **C/C++** has been installed, click **Tools > Plugins > **Installed** tab. You should see an entry for the **C/C++** plugin you just installed.
- Also, verify that the compiler is configured properly. Execute netbeans and go to **Tools -> Options -> C/C++**, the following window has to appear. If it is not the case, fill in the proper fields.

