

How to Install NetBeans on Windows

Step 0: Install JDK

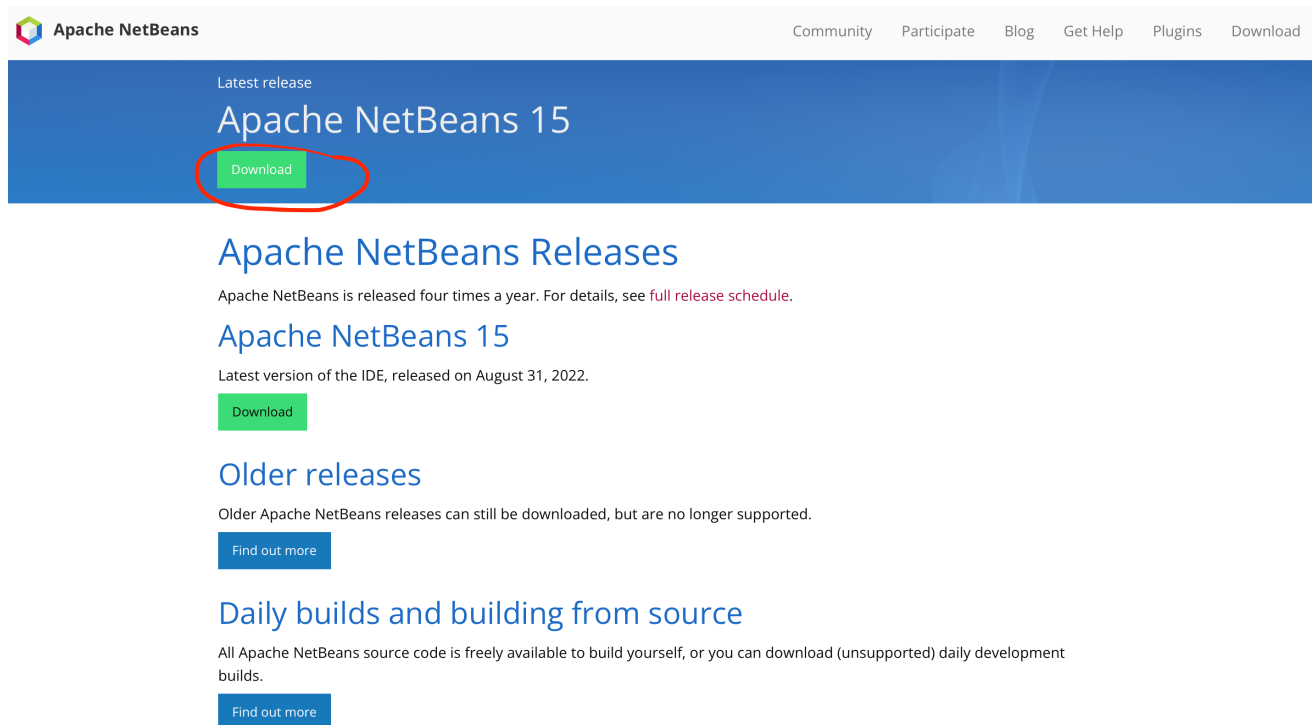
To use NetBeans for Java programming, you need to first install Java Development Kit (JDK).

Step 1: Download

Download “NetBeans 15” installer from
Link:

<http://netbeans.org/downloads/index.html>.

Click the ‘Download’ button for **NetBeans 15**



The screenshot shows the Apache NetBeans website. At the top, there is a navigation bar with links: Community, Participate, Blog, Get Help, Plugins, and Download. Below this, a large blue banner features the text "Latest release" and "Apache NetBeans 15". A green "Download" button is prominently displayed and circled in red. Below the banner, the section "Apache NetBeans Releases" is visible, followed by the text "Apache NetBeans is released four times a year. For details, see [full release schedule](#)." Below this, the section "Apache NetBeans 15" is shown, with the text "Latest version of the IDE, released on August 31, 2022." and a green "Download" button. Further down, the section "Older releases" is visible, with the text "Older Apache NetBeans releases can still be downloaded, but are no longer supported." and a blue "Find out more" button. At the bottom, the section "Daily builds and building from source" is shown, with the text "All Apache NetBeans source code is freely available to build yourself, or you can download (unsupported) daily development builds." and a blue "Find out more" button.

b. In the page, make sure to download the Windows 64-bit version of NetBeans:

(For Mac, download the macosx.dmg version)

Downloading Apache NetBeans 15

Apache NetBeans 15 was released on August 31, 2022. [Go here on GitHub](#) for a list of fixed issues for Apache NetBeans 15.

Apache NetBeans 15 is available for download from your closest Apache mirror.

- Binaries: [netbeans-15-bin.zip](#) (SHA-512, PGP ASC)
- Installers:
 - [Apache-NetBeans-15-bin-windows-x64.exe](#) (SHA-512, PGP ASC)
 - [Apache-NetBeans-15-bin-macosx.dmg](#) (SHA-512, PGP ASC)
- Source: [netbeans-15-source.zip](#) (SHA-512, PGP ASC)

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](#).

Apache NetBeans can also be installed as a self-contained [snap package](#) on Linux.

- Tip: Linux users: use the binary zip, [Snap](#), or our [community installers](#) (there is a .deb without JDK too). This has been discussed on [dev@](#) a little while back. Linux installer is a little broken and no-one has fixed it yet.

[Community Installers](#)
[Deployment Platforms](#)
[Building from Source](#)
[Community Approval](#)
[Earlier Releases](#)

Step 2: Run the Installer

Run the downloaded installer.

Writing a Hello-world Java Program in NetBeans

Step 0: Launch NetBeans

Launch NetBeans. If the "Start Page" appears, close it by clicking the "cross" button next to the "Start Page" title.

Step 1: Create a New Project

For each Java application, you need to create a *"project"* to keep all the source files, classes, and relevant resources.

1. From "File" menu \Rightarrow Choose "New Project...".
2. The "Choose Project" dialog pops up \Rightarrow Under "Categories", choose "Java" \Rightarrow Under "Projects", choose "Java Application" \Rightarrow "Next".
3. The "Name and Location" dialog pops up \Rightarrow Under "Project Name", enter "MyFirst" \Rightarrow In "Project Location", select a suitable directory to save your works \Rightarrow Uncheck "Use Dedicated Folder for Storing Libraries" \Rightarrow **check "Create Main class"** \Rightarrow Finish.

Step 2: Write a Hello-world Java Program

(If you check “Create Main class” when you create the project you have “MyFirst” java class created automatically)

```
1. public class Myfirst {  
2.     public static void main(String[] args) {  
3.         System.out.println("Hello, world");  
4.     }  
    }
```

Step 3: Compile & Execute

There is no need to "compile" the source code in NetBeans explicitly, as NetBeans performs the so-called *incremental compilation* (i.e., the source statement is compiled as and when it is entered).

To run the program, right-click anywhere in the source (or from the "Run" menu) ⇒ Run File. Observe the output on the output console.

Notes:

- You should create a NEW Java project for EACH of your Java application.
- Nonetheless, NetBeans allows you to keep more than one programs in a project, which is handy for writing toy programs (such as your tutorial exercises). To run a particular program, open and right-click on the source file ⇒ Run File.

