

# Baze podataka 1

---

Vežbe – softverska podrška

# Sadržaj


- Instalacija MinGW (Minimalist GNU for Windows)
- Instalacija dodatka u okviru Visual Studio Code okruženja

# Instalacija MinGW (Minimalist GNU for Windows)

---

# Instalacija MinGW (Minimalist GNU for Windows)

- Zatim je potrebno pokrenuti instalaciju: mingw-get-setup.exe

Name	Date modified	Type	Size
Earlier this week			
 mingw-get-setup.exe	11/17/2024 2:27 PM	Application	85 KB

# Instalacija MinGW (Minimalist GNU for Windows)

- MinGW je skup alata koji omogućavaju kompajliranje programa napisanih u C i C++ na Windows operativnim sistemima.
  - Sadrži kompajler (GCC), i druge alate neophodne za razvoj.
- MinGW se može preuzeti sa sledećeg URL- a:
  - <https://sourceforge.net/projects/mingw/>



The screenshot shows the SourceForge project page for MinGW. The page features the SourceForge logo at the top left, navigation links for 'Open Source Software', 'Business Software', 'SourceForge Podcast', and 'Resources', and a 'Scale Up Your Web Scr...' button. The main heading is 'MinGW - Minimalist GNU for Windows', with a subtitle 'A native Windows port of the GNU Compiler Collection (GCC)' and 'Brought to you by: ctrauss, earnie, gressett, keithmarshall'. A 'Download' button is prominent, along with 'Get Updates' and 'Share This' buttons. The page also displays '212 Reviews' with a star rating, 'Downloads: 4,294,119 This Week', and 'Last Update: 2021-09-05'. An 'Open Source Excellence' badge is visible on the right side.

**MinGW - Minimalist GNU for Windows**  
A native Windows port of the GNU Compiler Collection (GCC)  
Brought to you by: [ctrauss](#), [earnie](#), [gressett](#), [keithmarshall](#)

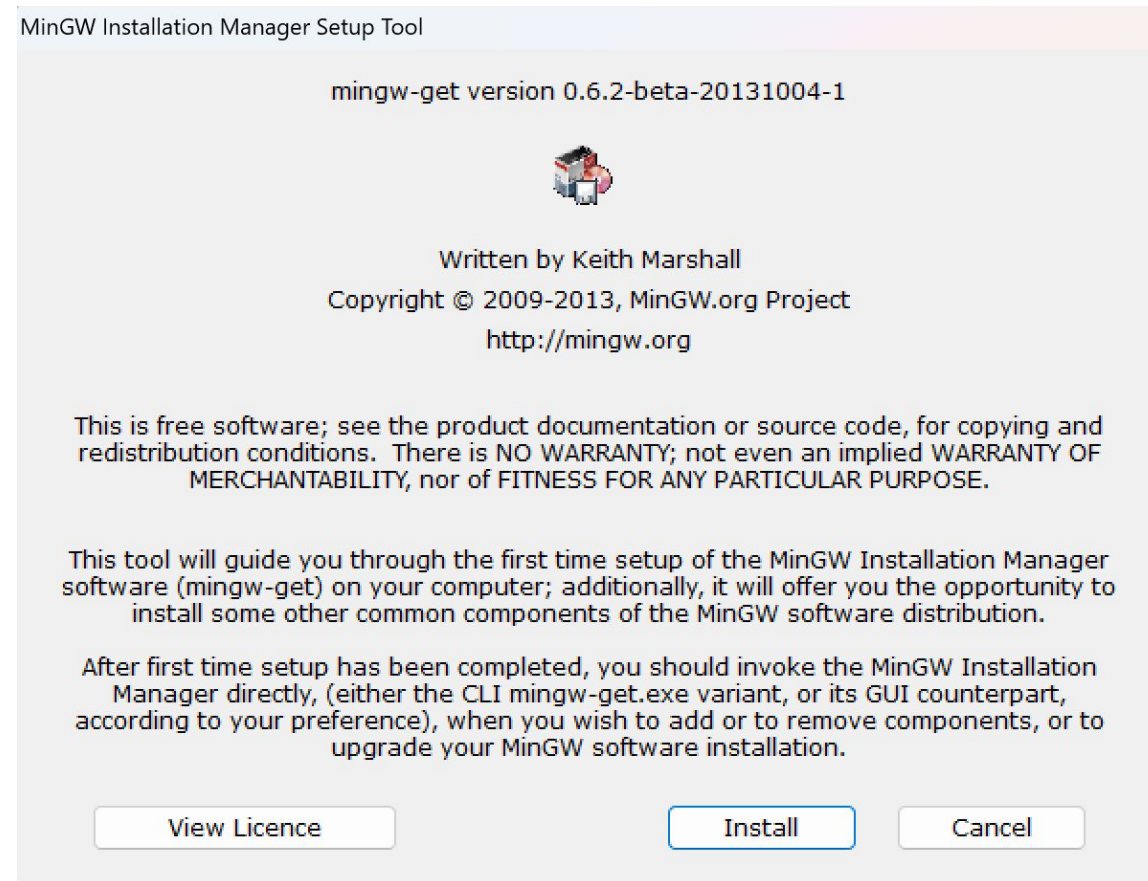
★ ★ ★ ★ ★ 212 Reviews      Downloads: 4,294,119 This Week      Last Update: 2021-09-05

[Download](#)   [Get Updates](#)   [Share This](#)

Windows

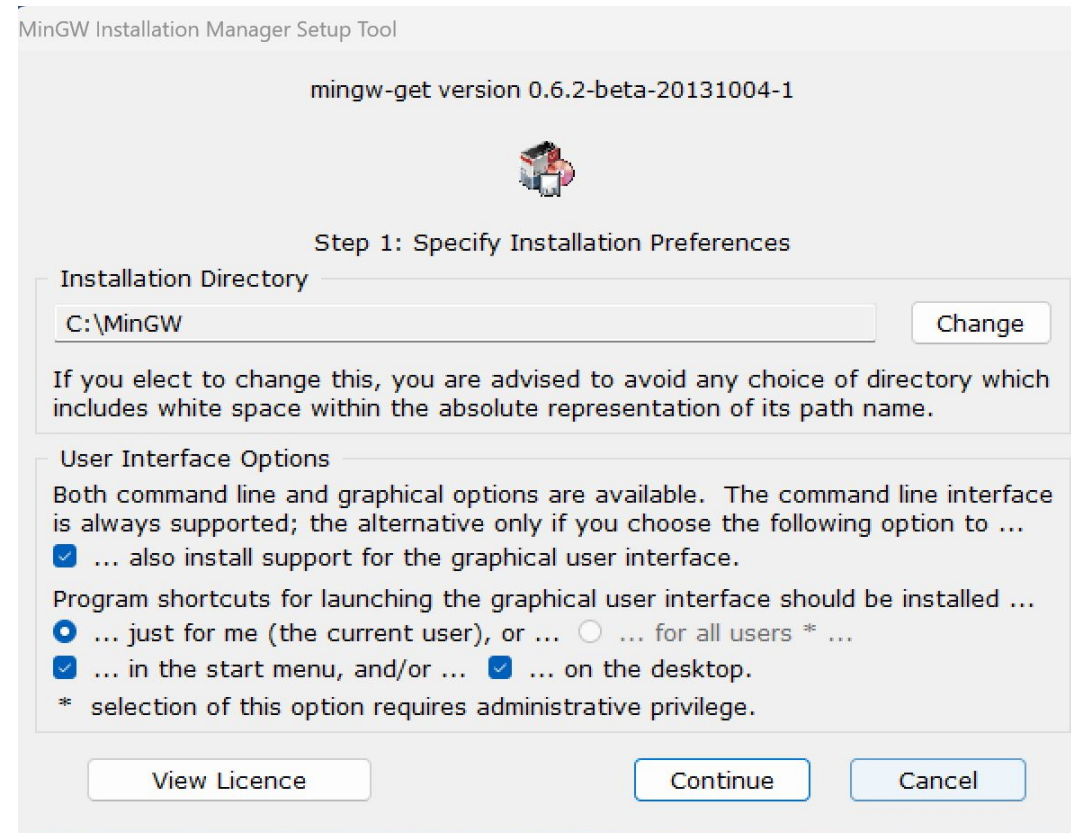
# Instalacija MinGW (Minimalist GNU for Windows)

- Instalacija se vrši u okviru *MinGW Installation Manager Setup Tool*
- Potrebno je ispratiti nekoliko jednostavnih koraka



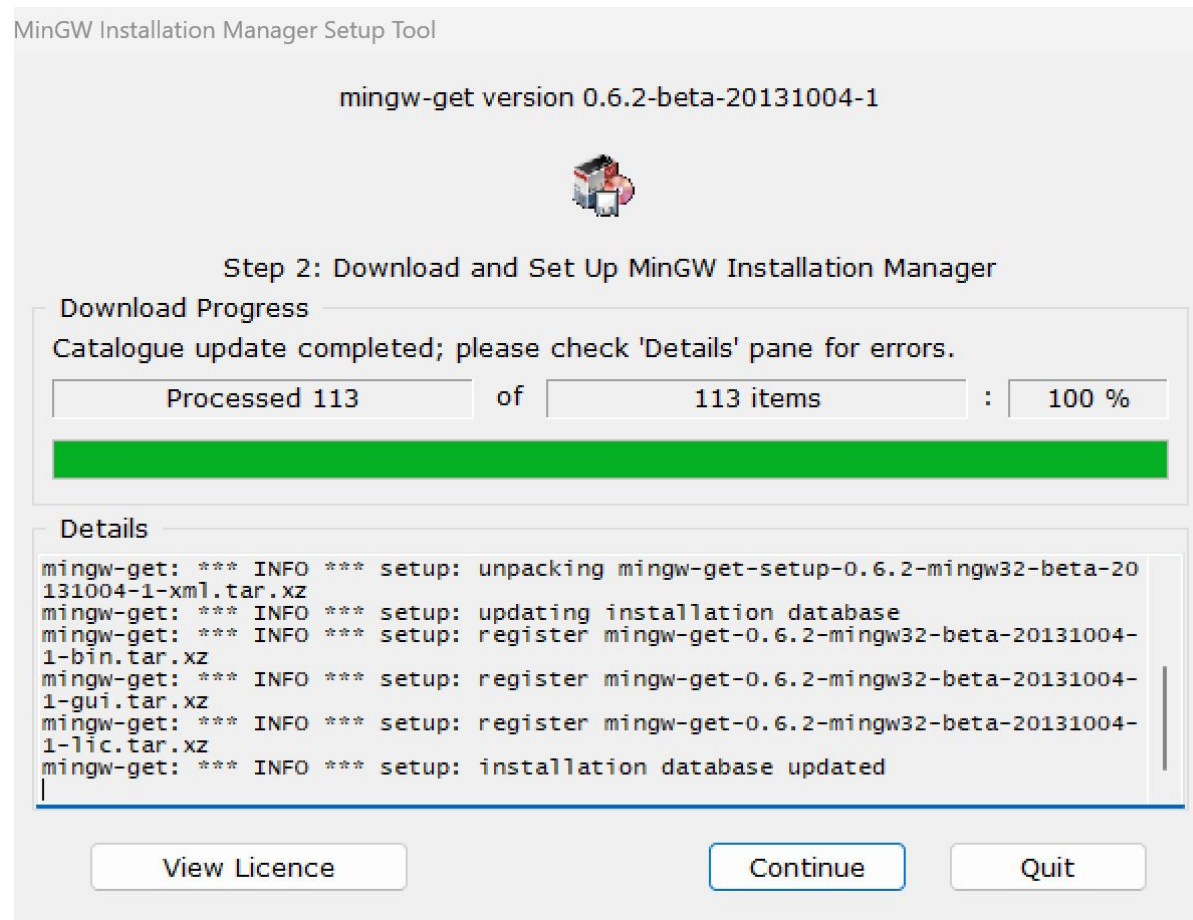
# Instalacija MinGW (Minimalist GNU for Windows)

- Potrebno je selektovati opcije kao na slici i odabrati folder za instalaciju
  - Moguće je potvrditi podrazumevani folder ili izabrati drugi folder za instalaciju
  - Savetuje se da se folder ne menja kako bi alat funkcionisao kako treba
  - Ne birati folder koji u okviru svog imena ima razmake
- Kliknuti na *Continue*



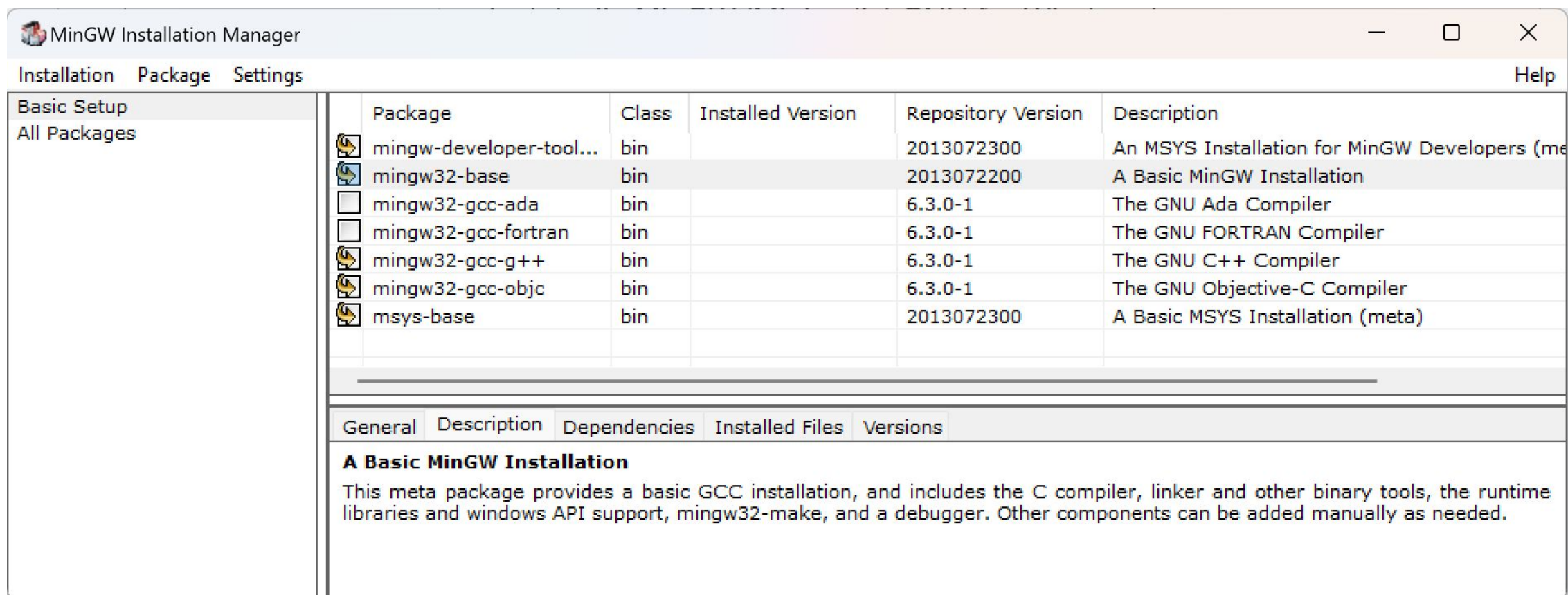
# Instalacija MinGW (Minimalist GNU for Windows)

- Sačekati preuzimanje svih komponenti i kliknuti *Continue*



# Instalacija MinGW (Minimalist GNU for Windows)

- U okviru prozora *MinGW Installation Manager* potrebno je odabrati pakete kao na slici



The screenshot shows the MinGW Installation Manager window. The window title is "MinGW Installation Manager". The menu bar includes "Installation", "Package", "Settings", and "Help". The left sidebar has "Basic Setup" and "All Packages". The main area displays a table of packages:

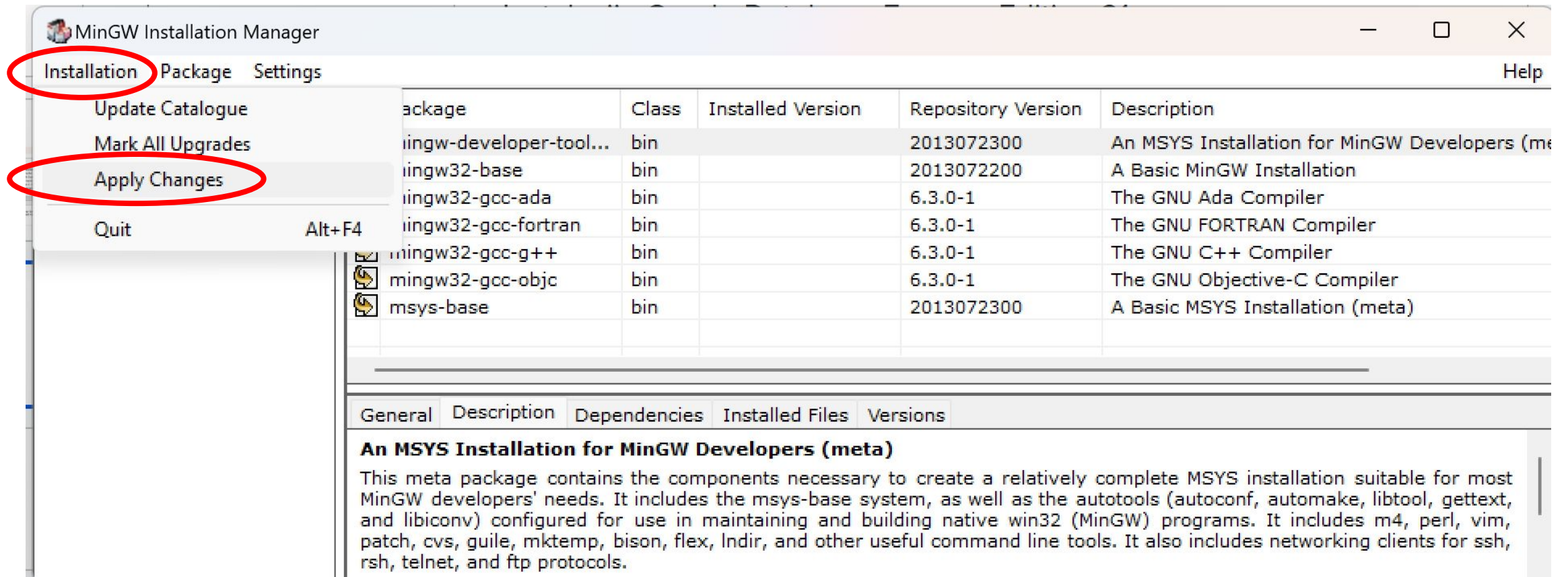
Package	Class	Installed Version	Repository Version	Description
<input checked="" type="checkbox"/> mingw-developer-tool...	bin		2013072300	An MSYS Installation for MinGW Developers (me
<input checked="" type="checkbox"/> mingw32-base	bin		2013072200	A Basic MinGW Installation
<input type="checkbox"/> mingw32-gcc-ada	bin		6.3.0-1	The GNU Ada Compiler
<input type="checkbox"/> mingw32-gcc-fortran	bin		6.3.0-1	The GNU FORTRAN Compiler
<input checked="" type="checkbox"/> mingw32-gcc-g++	bin		6.3.0-1	The GNU C++ Compiler
<input checked="" type="checkbox"/> mingw32-gcc-objc	bin		6.3.0-1	The GNU Objective-C Compiler
<input checked="" type="checkbox"/> msys-base	bin		2013072300	A Basic MSYS Installation (meta)

Below the table, there are tabs for "General", "Description", "Dependencies", "Installed Files", and "Versions". The "Description" tab is selected, showing the following text:

**A Basic MinGW Installation**  
This meta package provides a basic GCC installation, and includes the C compiler, linker and other binary tools, the runtime libraries and windows API support, mingw32-make, and a debugger. Other components can be added manually as needed.

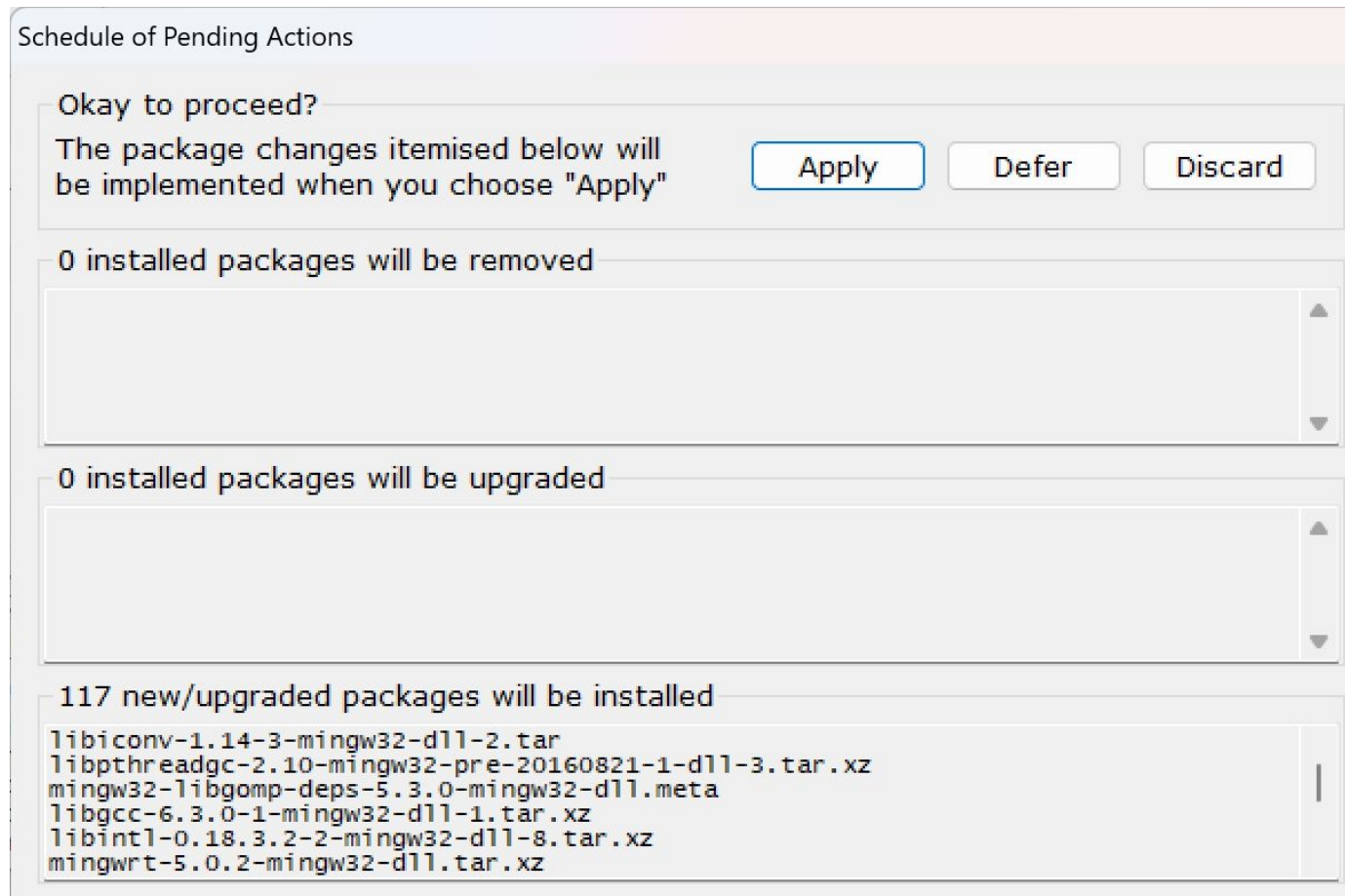
# Instalacija MinGW (Minimalist GNU for Windows)

- Zatim potvrditi instalaciju paketa klikom na *Installation -> Apply Changes*



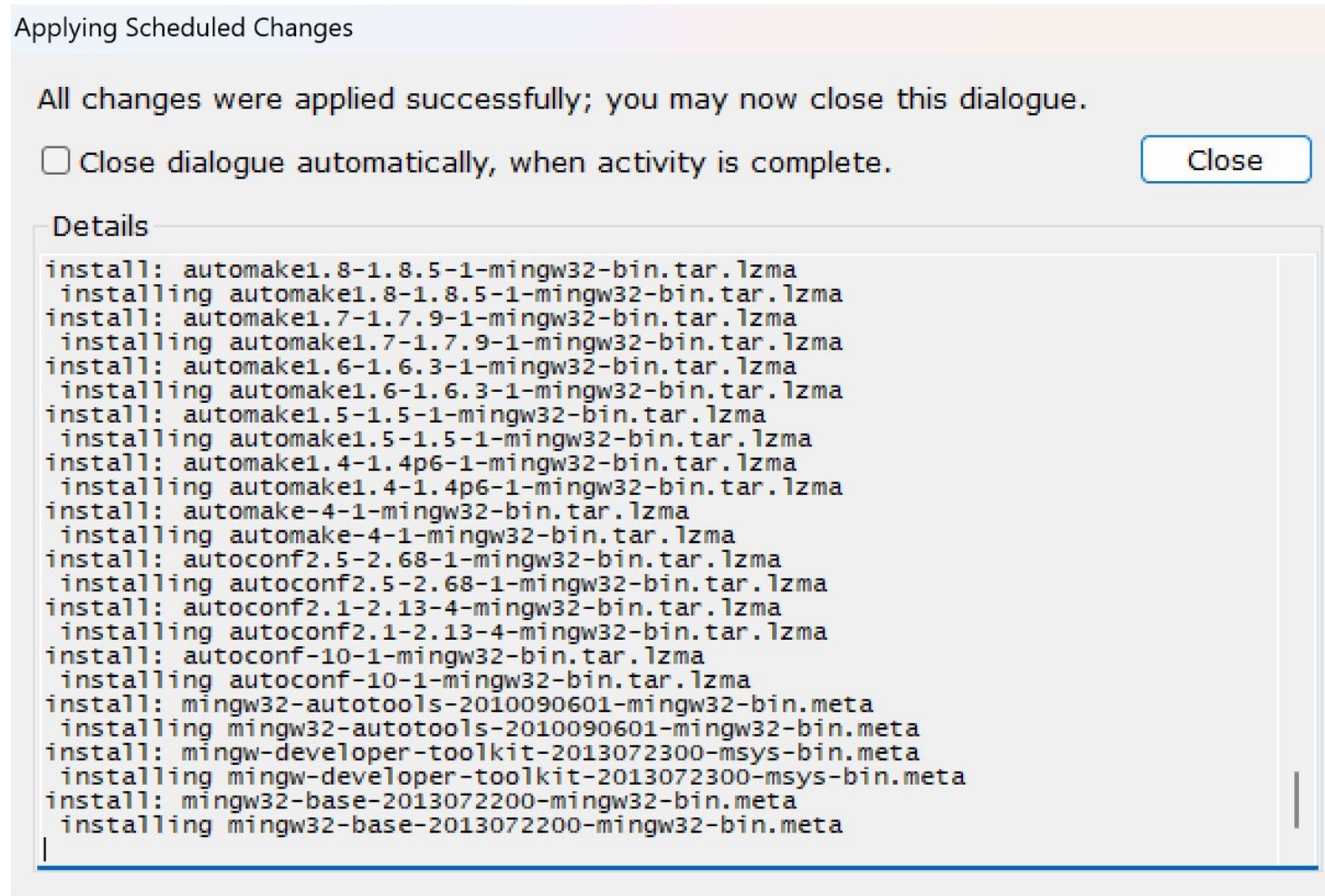
# Instalacija MinGW (Minimalist GNU for Windows)

- U okviru prozora *Schedule of Pending Actions* odabrati *Apply* i sačekati završetak preuzimanja svih paketa



# Instalacija MinGW (Minimalist GNU for Windows)

- Nakon uspešno izvršenih izmena, ugasiti prozor *Applying Scheduled Changes* i instalacija je gotova





# Instalacija MinGW (Minimalist GNU for Windows)

- U okviru terminala proveriti da li je kompajler uspešno podešen unosom komande: `gcc --version`
  - Ukoliko je instalacija uspešna, biće prikazana verzija

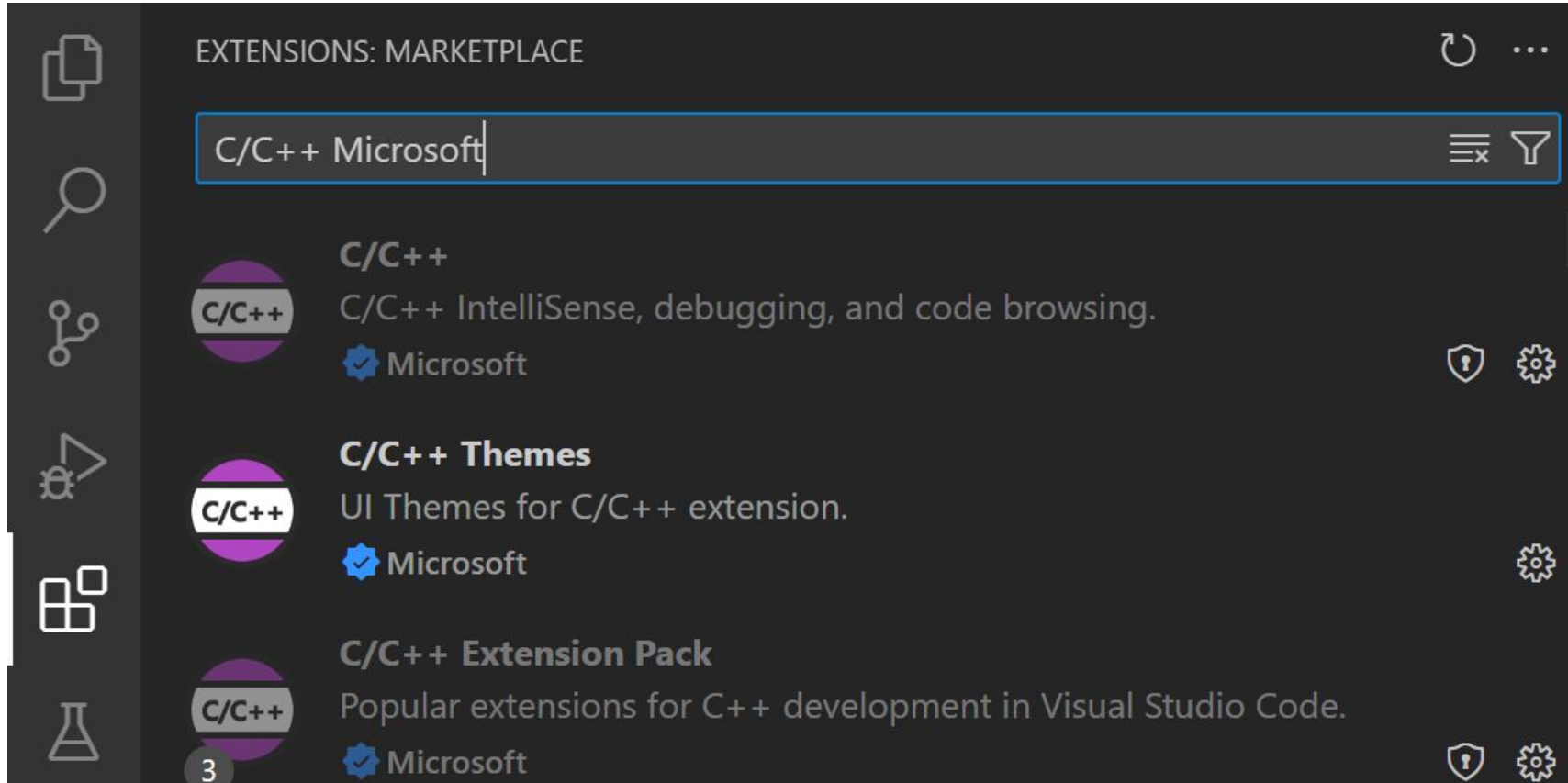
```
C:\Users\Jelena>gcc --version
gcc (MinGW.org GCC-6.3.0-1) 6.3.0
Copyright (C) 2016 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

# Instalacija dodataka u okviru Visual Studio Code okruženja

---

# Instalacija dodataka u okviru Visual Studio Code okruženja

- Za pisanje programa u C programskom jeziku u okviru *Visual Studio Code* okruženja neophodno je instalirati 3 dodatka prikazanih na slici
- Nakon instalacije, ugasiti *Visual Studio Code* i ponovo pokrenuti



# Kraj!

Hvala na pažnji!