

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)


- 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 content area displays the project name 'MinGW - Minimalist GNU for Windows' with a description: 'A native Windows port of the GNU Compiler Collection (GCC)'. It lists contributors: 'Brought to you by: ctrauss, earnie, gressett, keithmarshall'. The page also shows a star rating of 4.5 (212 Reviews), download statistics of 'Downloads: 4,294,119 This Week', and the last update date 'Last Update: 2021-09-05'. At the bottom, there are buttons for 'Download', 'Get Updates', and 'Share This', along with a 'Windows' platform indicator.

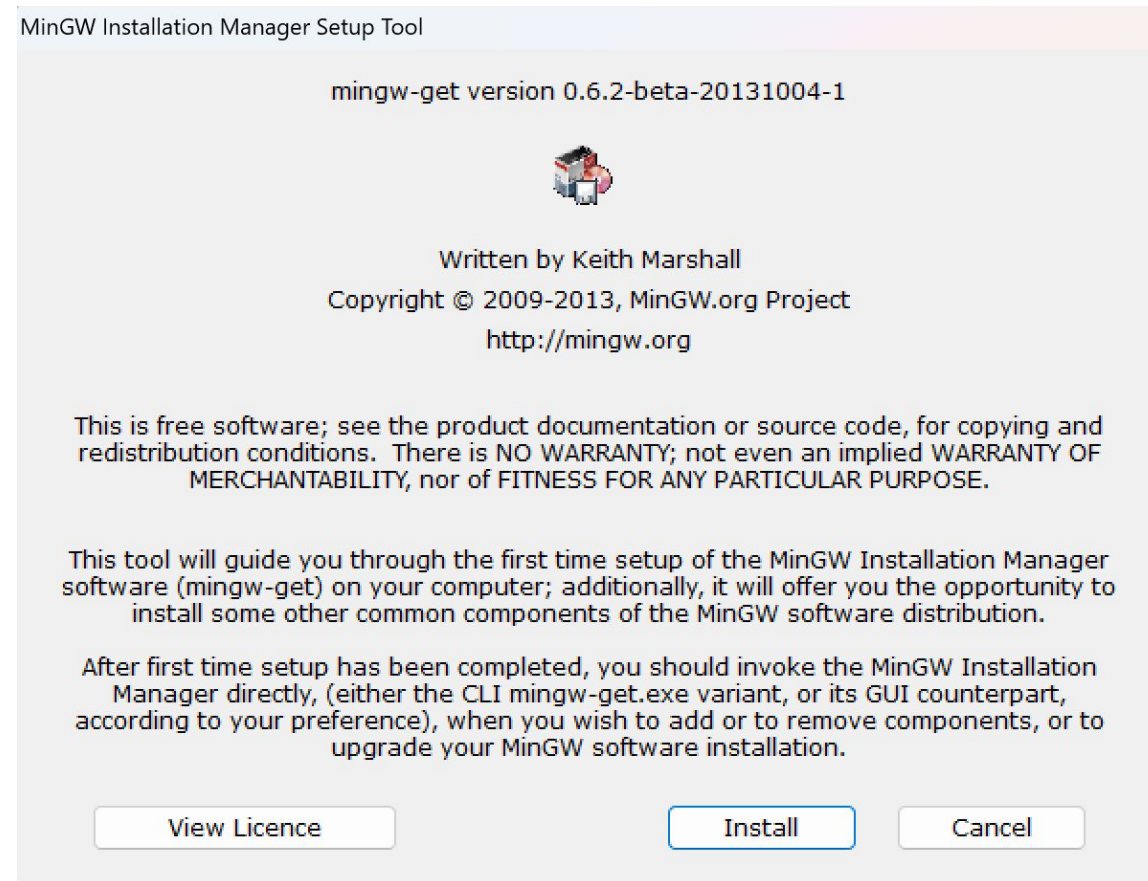
Instalacija MinGW (Minimalist GNU for Windows)

- 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

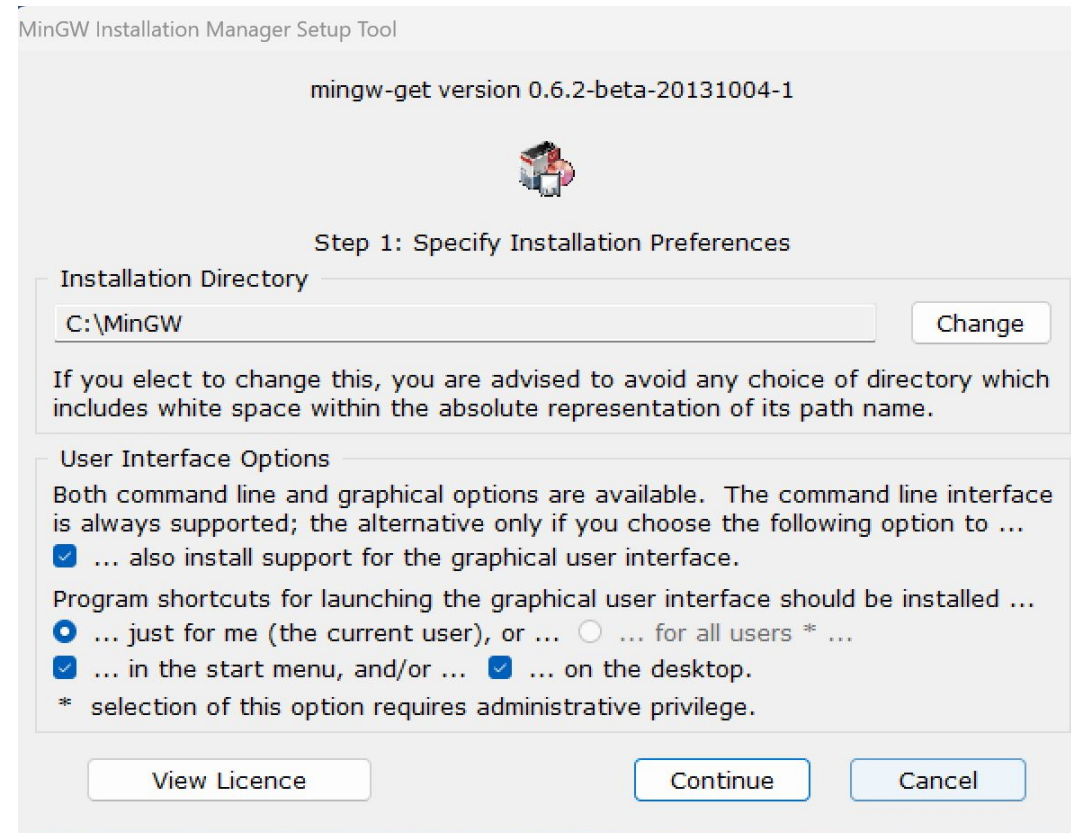
Instalacija MinGW (Minimalist GNU for Windows)

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



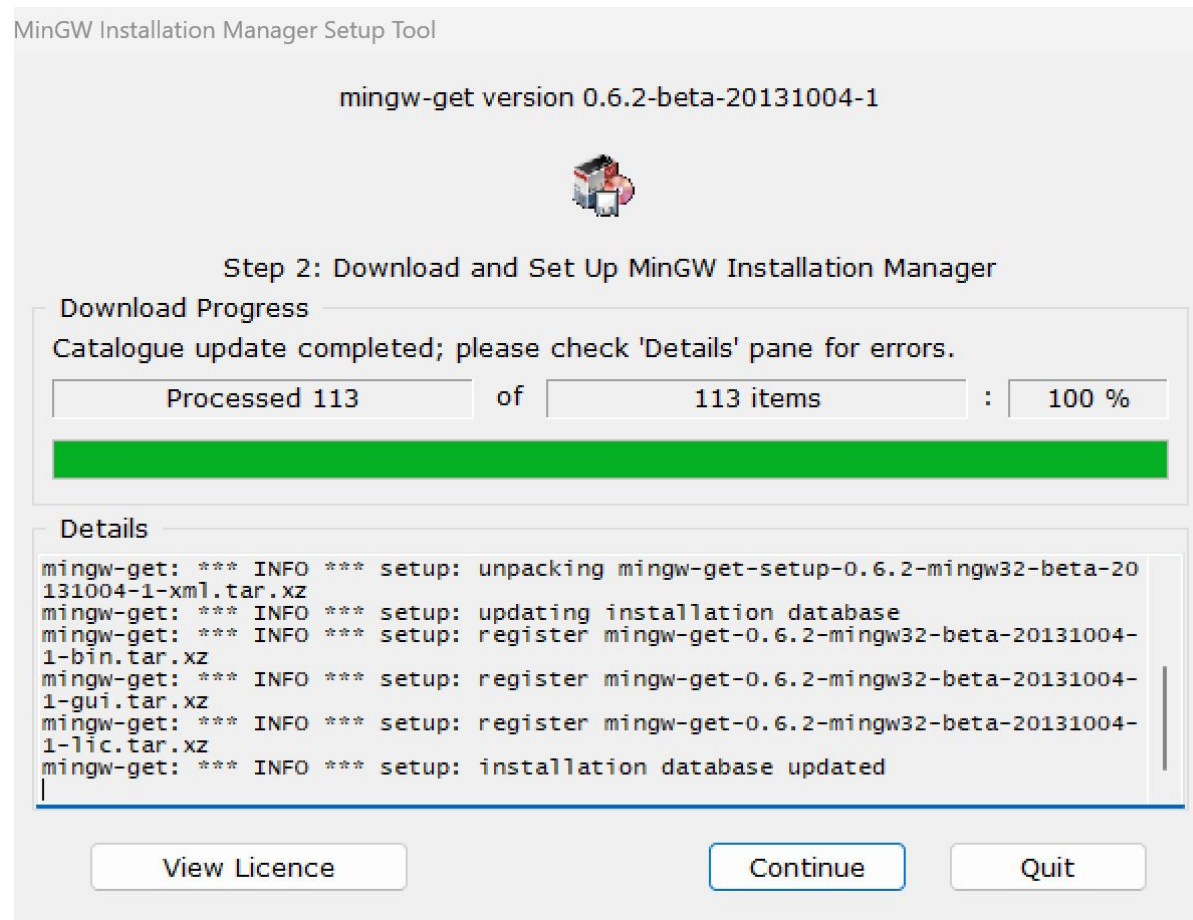
Instalacija MinGW (Minimalist GNU for Windows)

- 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*



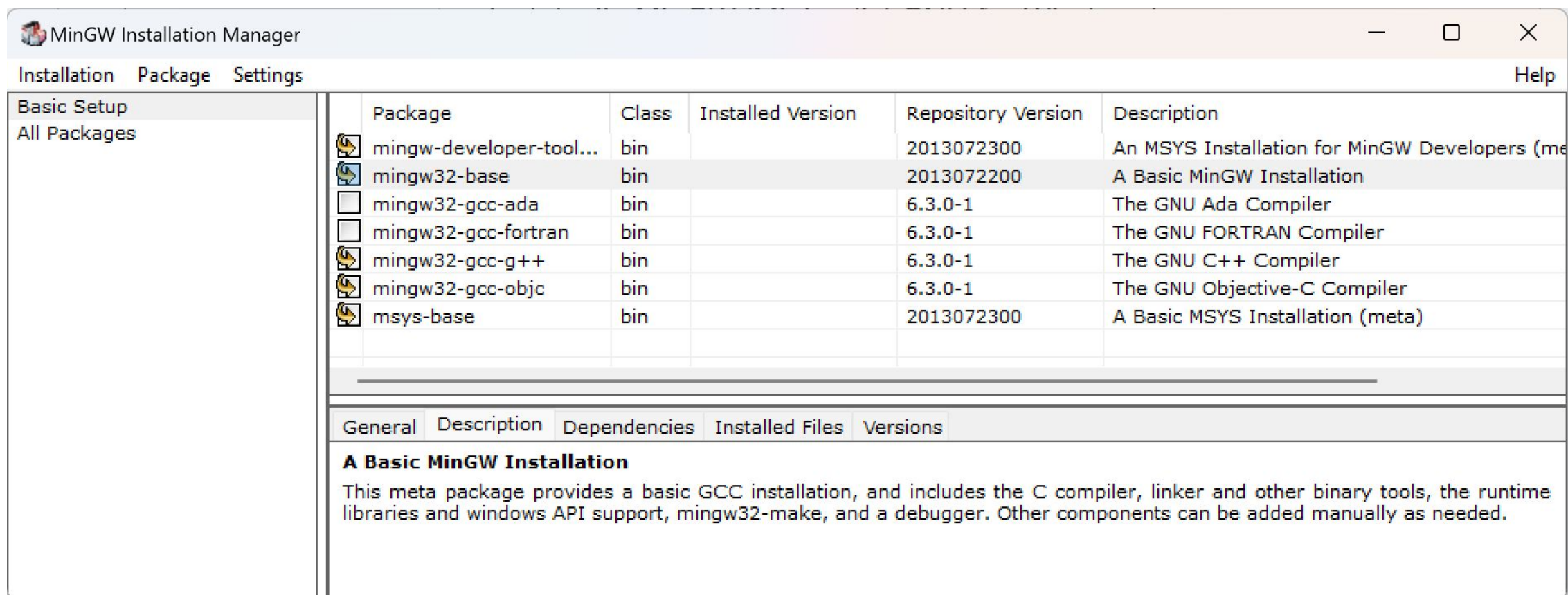
Instalacija MinGW (Minimalist GNU for Windows)

- 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 title bar reads "MinGW Installation Manager". Below the title bar are tabs for "Installation", "Package", "Settings", and "Help". The main area is divided into two panes. The left pane has "Basic Setup" and "All Packages" options. The right pane displays a table of packages:

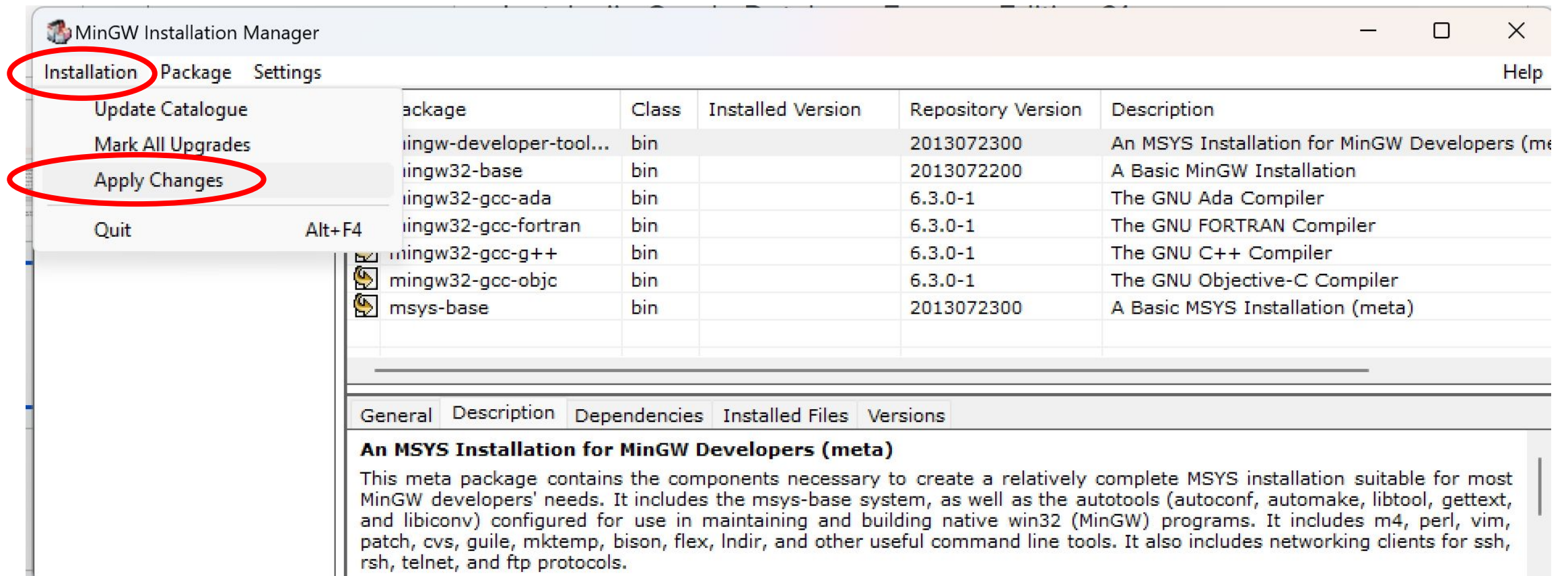
Package	Class	Installed Version	Repository Version	Description
<input checked="" type="checkbox"/> mingw-developer-tool...	bin		2013072300	An MSYS Installation for MinGW Developers (me
<input checked="" type="checkbox"/> mingw32-base	bin		2013072200	A Basic MinGW Installation
<input type="checkbox"/> 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.

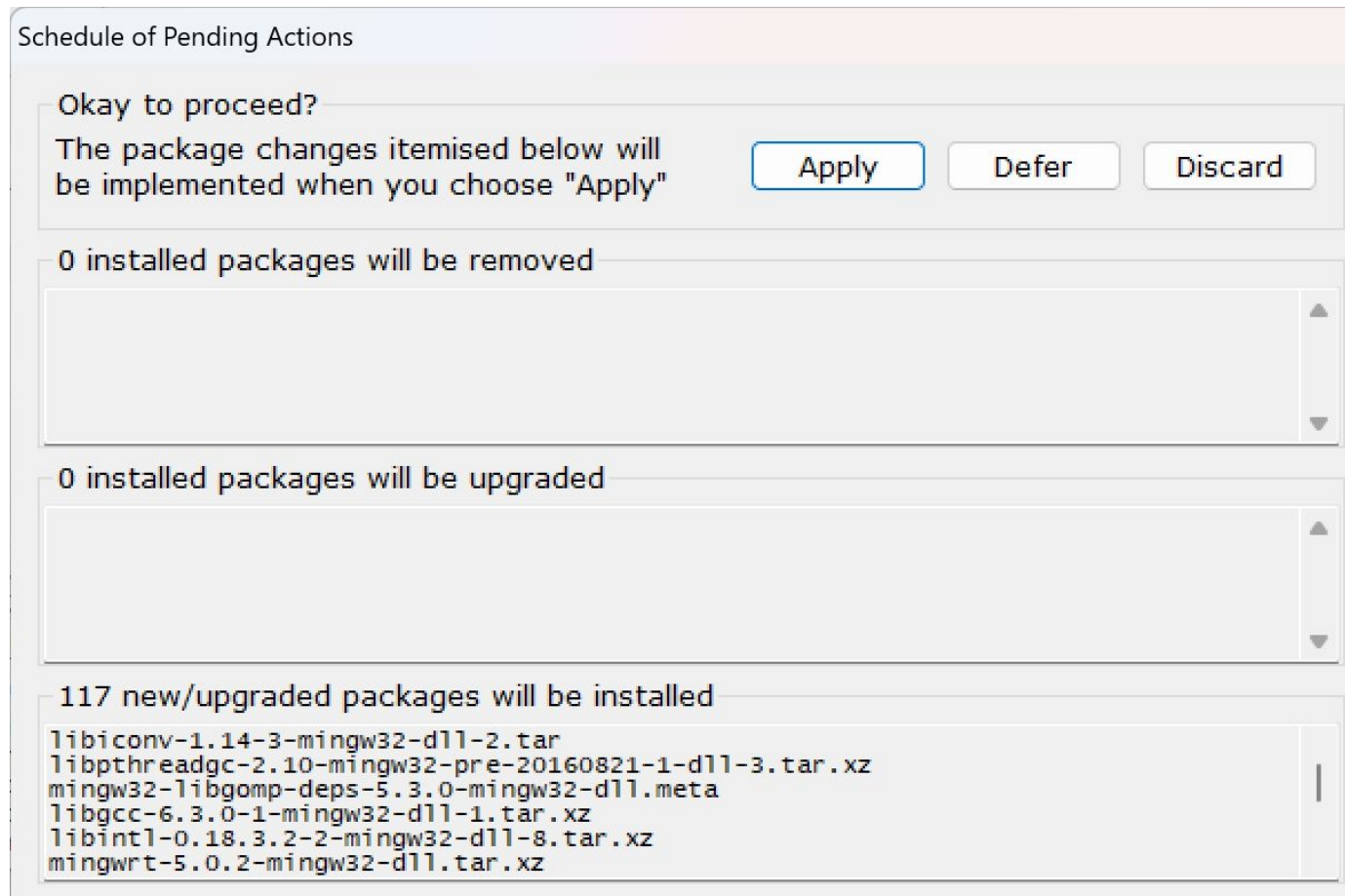
Instalacija MinGW (Minimalist GNU for Windows)

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



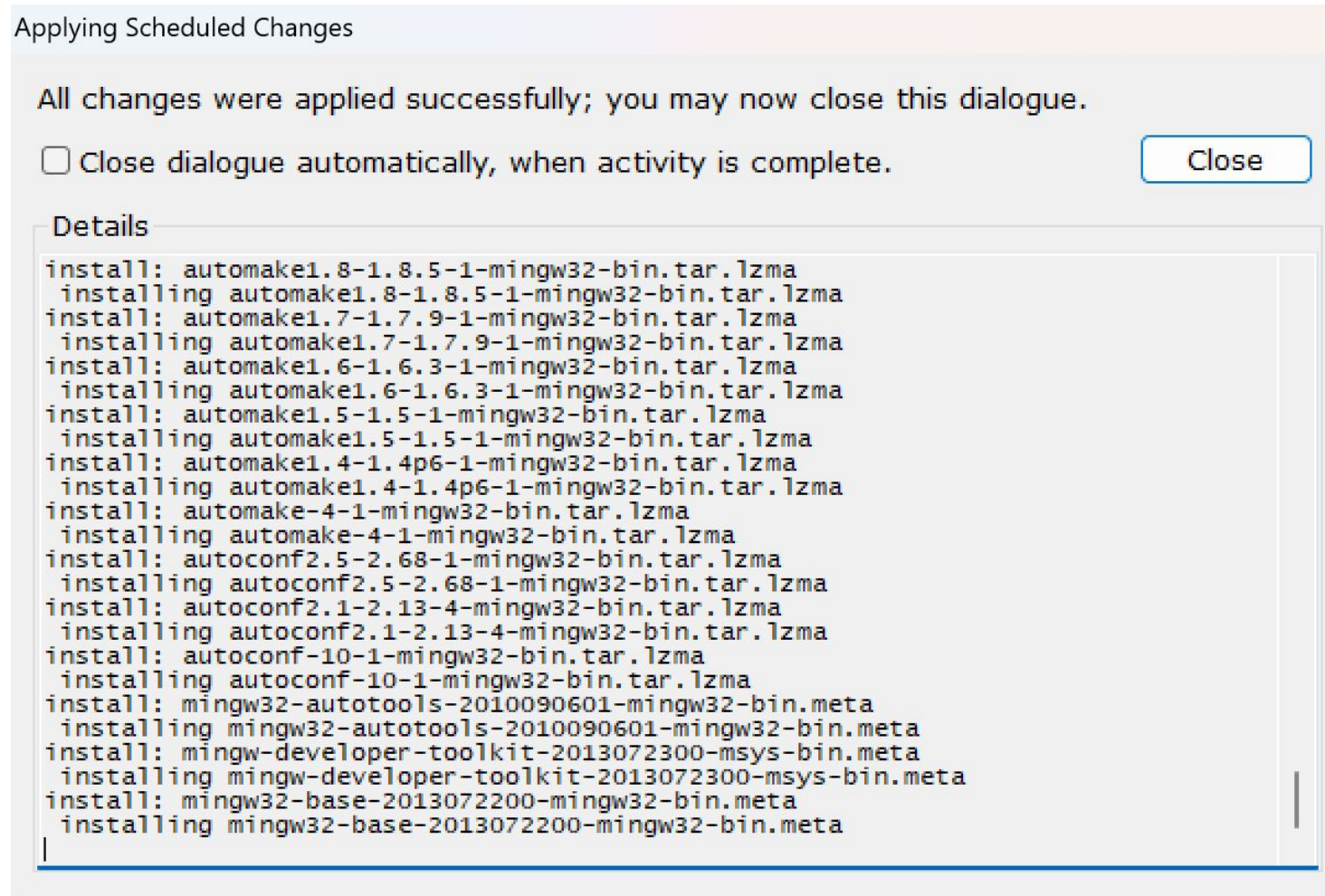
Instalacija MinGW (Minimalist GNU for Windows)

- 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



```
Applying Scheduled Changes

All changes were applied successfully; you may now close this dialogue.

 Close dialogue automatically, when activity is complete. Close

Details

install: automake1.8-1.8.5-1-mingw32-bin.tar.lzma
installing automake1.8-1.8.5-1-mingw32-bin.tar.lzma
install: automake1.7-1.7.9-1-mingw32-bin.tar.lzma
installing automake1.7-1.7.9-1-mingw32-bin.tar.lzma
install: automake1.6-1.6.3-1-mingw32-bin.tar.lzma
installing automake1.6-1.6.3-1-mingw32-bin.tar.lzma
install: automake1.5-1.5-1-mingw32-bin.tar.lzma
installing automake1.5-1.5-1-mingw32-bin.tar.lzma
install: automake1.4-1.4p6-1-mingw32-bin.tar.lzma
installing automake1.4-1.4p6-1-mingw32-bin.tar.lzma
install: automake-4-1-mingw32-bin.tar.lzma
installing automake-4-1-mingw32-bin.tar.lzma
install: autoconf2.5-2.68-1-mingw32-bin.tar.lzma
installing autoconf2.5-2.68-1-mingw32-bin.tar.lzma
install: autoconf2.1-2.13-4-mingw32-bin.tar.lzma
installing autoconf2.1-2.13-4-mingw32-bin.tar.lzma
install: autoconf-10-1-mingw32-bin.tar.lzma
installing autoconf-10-1-mingw32-bin.tar.lzma
install: mingw32-autotools-2010090601-mingw32-bin.meta
installing mingw32-autotools-2010090601-mingw32-bin.meta
install: mingw-developer-toolkit-2013072300-msys-bin.meta
installing mingw-developer-toolkit-2013072300-msys-bin.meta
install: mingw32-base-2013072200-mingw32-bin.meta
installing mingw32-base-2013072200-mingw32-bin.meta
```


Instalacija MinGW (Minimalist GNU for Windows)

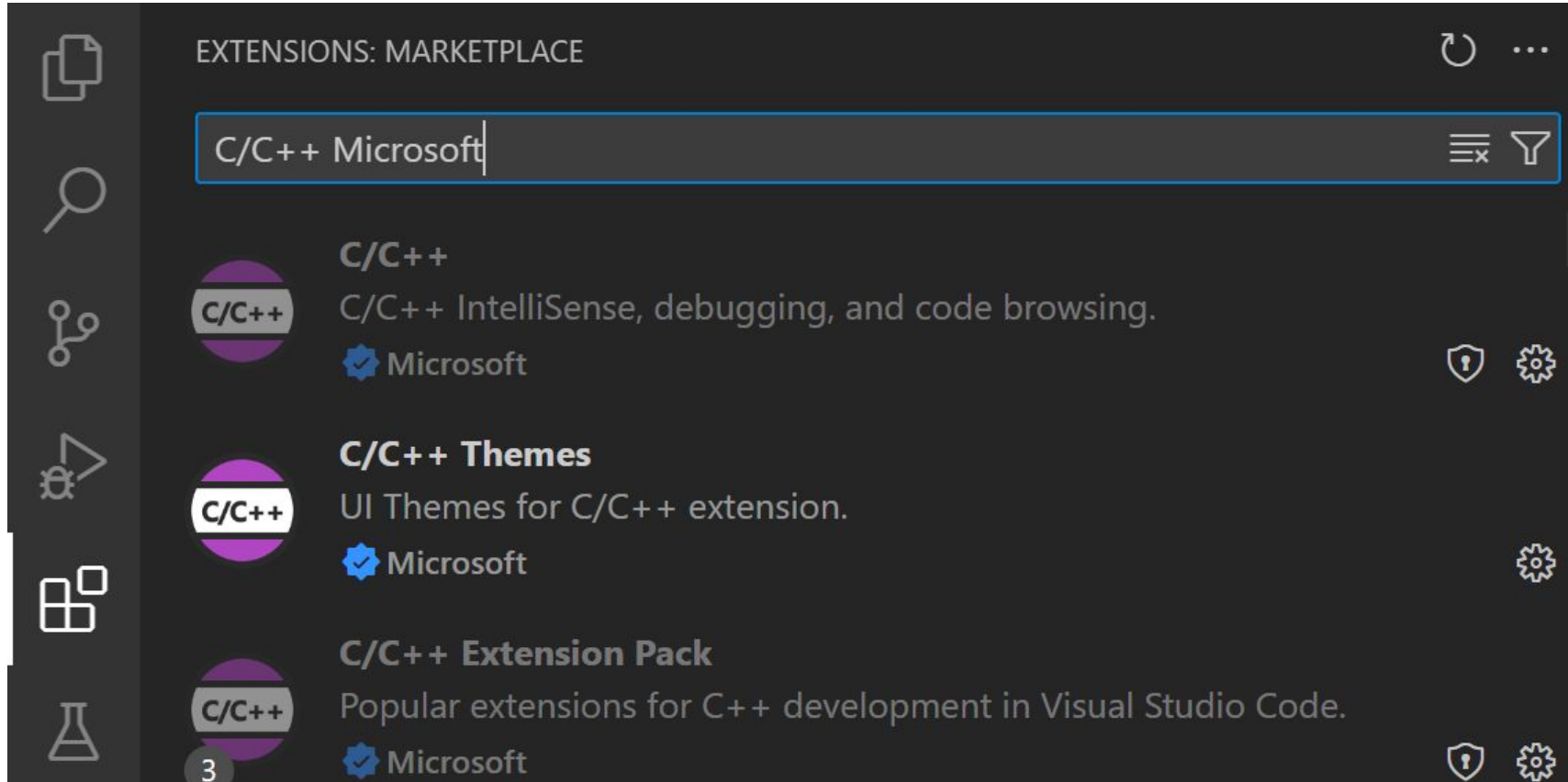
- U okviru terminala proveriti da li je kompajler uspešno podešen unosom komande: `gcc --version`
 - Ukoliko je instalacija uspešna, biće prikazana verzija

```
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!