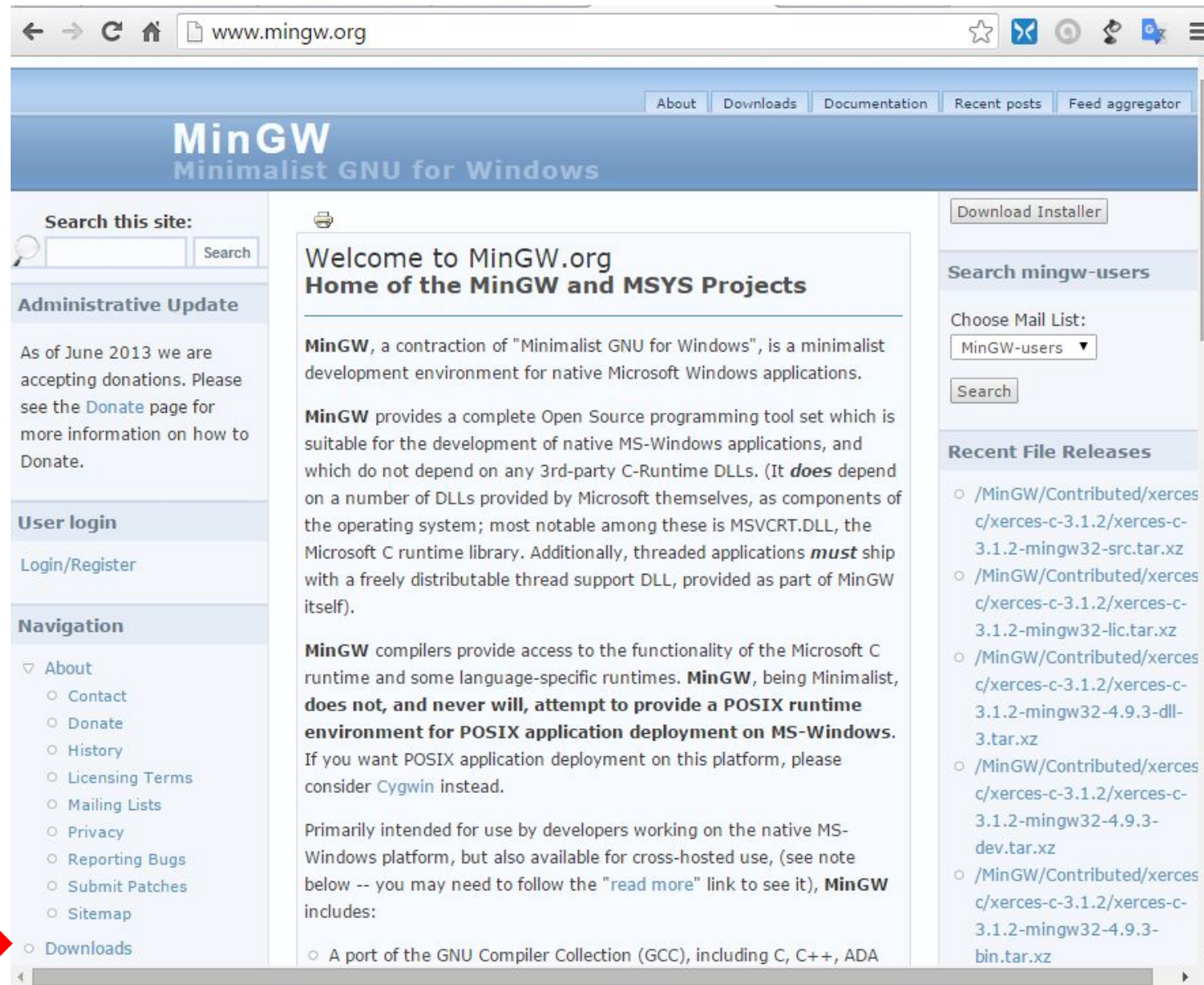


Instalação do compilador MinGW e da IDE Geany no Windows

Acesse: www.mingw.org
Vá na opção **Downloads**



The screenshot shows the MinGW website interface. At the top, there's a navigation bar with links: About, Downloads, Documentation, Recent posts, and Feed aggregator. The main header reads "MinGW Minimalist GNU for Windows". On the left sidebar, there's a search box, an "Administrative Update" section, a "User login" section with a "Login/Register" link, and a "Navigation" section. The "Navigation" section contains a list of links: About, Contact, Donate, History, Licensing Terms, Mailing Lists, Privacy, Reporting Bugs, Submit Patches, Sitemap, and Downloads. A red arrow points to the "Downloads" link. The main content area has a "Welcome to MinGW.org" message and a "Download Installer" button. It also includes a "Search mingw-users" section and a "Recent File Releases" section listing various tarballs.

← → ↻ 🏠 📄 www.mingw.org ☆ 🔍 🔄 📧 ☰

About Downloads Documentation Recent posts Feed aggregator

MinGW

Minimalist GNU for Windows

Search this site: Search

Administrative Update

As of June 2013 we are accepting donations. Please see the [Donate](#) page for more information on how to Donate.

User login

[Login/Register](#)

Navigation

- ▽ About
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 - [Donate](#)
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Download Installer

Search mingw-users

Choose Mail List:
 ▾

Recent File Releases

- [/MinGW/Contributed/xerces-c/xerces-c-3.1.2/xerces-c-3.1.2-mingw32-src.tar.xz](#)
- [/MinGW/Contributed/xerces-c/xerces-c-3.1.2/xerces-c-3.1.2-mingw32-lic.tar.xz](#)
- [/MinGW/Contributed/xerces-c/xerces-c-3.1.2/xerces-c-3.1.2-mingw32-4.9.3-dll-3.tar.xz](#)
- [/MinGW/Contributed/xerces-c/xerces-c-3.1.2/xerces-c-3.1.2-mingw32-4.9.3-dev.tar.xz](#)
- [/MinGW/Contributed/xerces-c/xerces-c-3.1.2/xerces-c-3.1.2-mingw32-4.9.3-bin.tar.xz](#)

Na próxima página clique na opção da última versão do **mingw-get-setup.exe**

The screenshot shows the SourceForge project page for MinGW. The browser address bar displays 'sourceforge.net/projects/mingw/files/'. The page header includes the SourceForge logo, a search bar, and navigation links like 'Browse', 'Enterprise', 'Blog', 'Jobs', 'Deals', and 'Help'. Below the header, there's a 'Gmail for Work' advertisement and a 'MINI COM' product image. The main content area features the title 'MinGW - Minimalist GNU for Windows' and a description: 'A native Windows port of the GNU Compiler Collection (GCC)'. It also lists contributors: 'Brought to you by: cstrauss, cwilso11, earnie, keithmarshall'. A navigation bar includes links for 'Summary', 'Files', 'Reviews', 'Support', 'News', 'Wiki', 'Mailing Lists', 'Tickets', and 'Git'. A red arrow points to the text 'Looking for the latest version? Download mingw-get-setup.exe (86.5 kB)'. Below this, a table lists files:

Name	Modified	Size	Downloads / Week
MinGW	2013-10-26		584,516
Installer	2013-10-04		758,413
Other	2011-11-13		1,576
MSYS	2011-11-13		

At the bottom, there's a 'FREE DOWNLOAD' button and a 'Projects' dropdown menu.

Será iniciado o download do programa.
Ao terminar execute-o e siga os passos a seguir

MinGW Installation Manager Setup Tool

mingw-get version 0.6.2-beta-20131004-1



Written by Keith Marshall
Copyright © 2009-2013, MinGW.org Project
<http://mingw.org>

This is free software; see the product documentation or source code, for copying and redistribution conditions. There is NO WARRANTY; not even an implied WARRANTY OF MERCHANTABILITY, nor of FITNESS FOR ANY PARTICULAR PURPOSE.

This tool will guide you through the first time setup of the MinGW Installation Manager software (mingw-get) on your computer; additionally, it will offer you the opportunity to install some other common components of the MinGW software distribution.

After first time setup has been completed, you should invoke the MinGW Installation Manager directly, (either the CLI mingw-get.exe variant, or its GUI counterpart, according to your preference), when you wish to add or to remove components, or to upgrade your MinGW software installation.

View Licence



Install

Cancel

Step 1: Specify Installation Preferences

Installation Directory

C:\MinGW

Change

If you elect to change this, you are advised to avoid any choice of directory which includes white space within the absolute representation of its path name.

User Interface Options

Both command line and graphical options are available. The command line interface is always supported; the alternative only if you choose the following option to ...

☒ ... also install support for the graphical user interface.

Program shortcuts for launching the graphical user interface should be installed ...

☒ ... just for me (the current user), or ... ☐ ... for all users * ...

☒ ... in the start menu, and/or ... ☒ ... on the desktop.

* selection of this option requires administrative privilege.

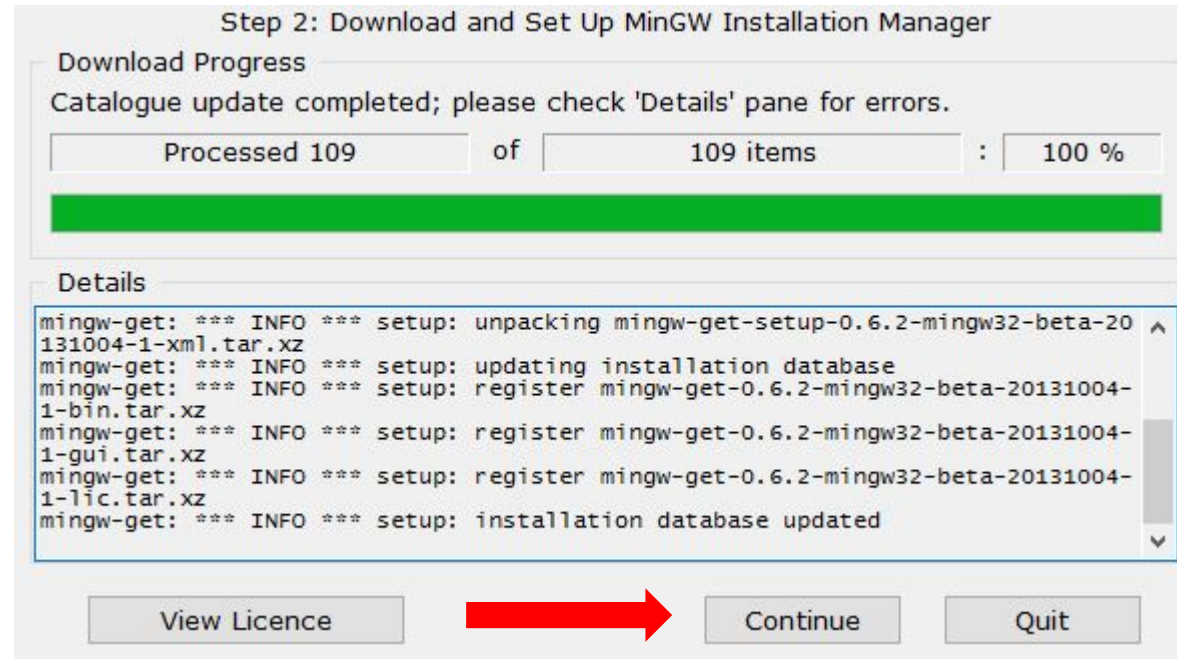
View Licence



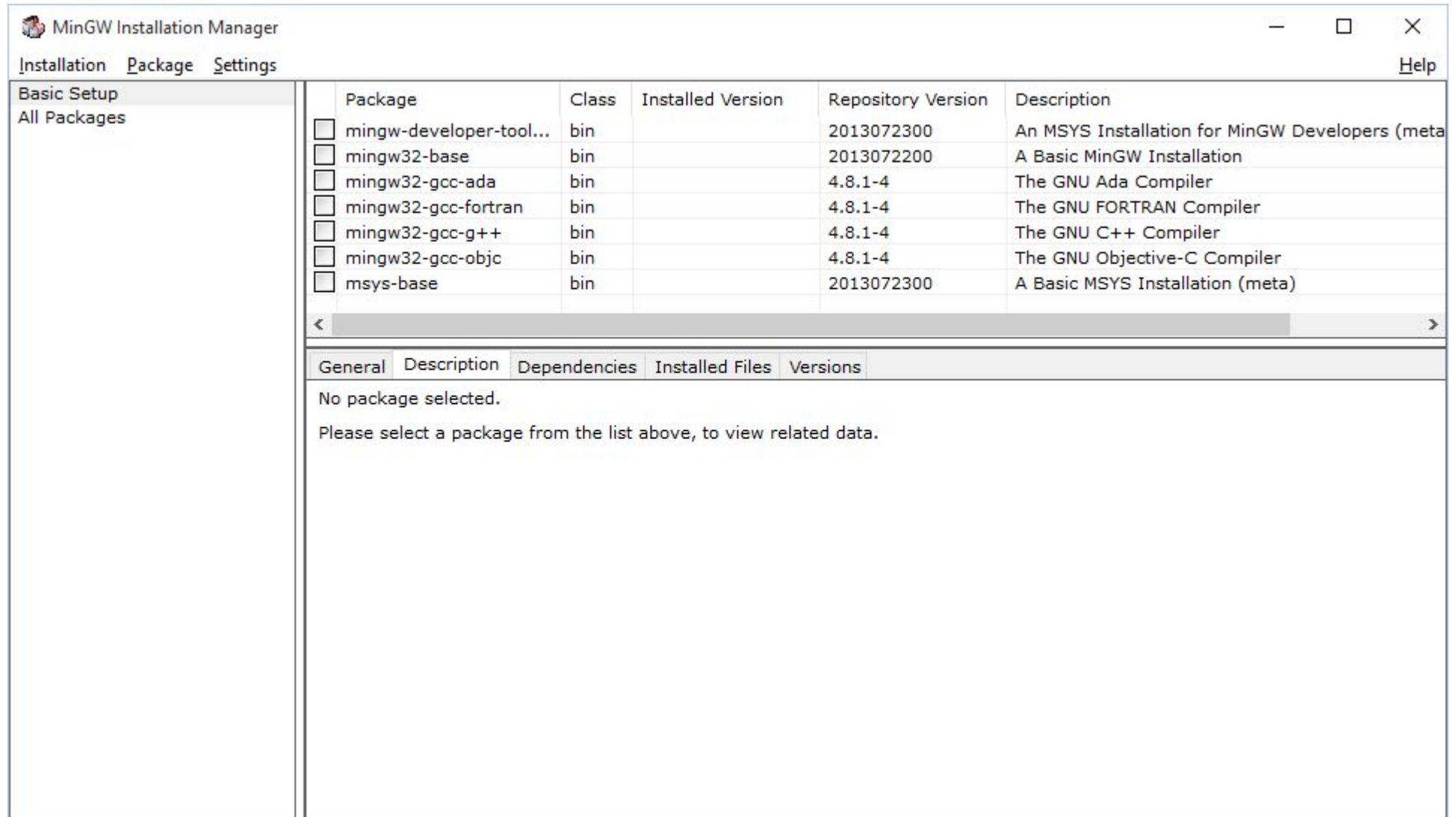
Continue

Cancel

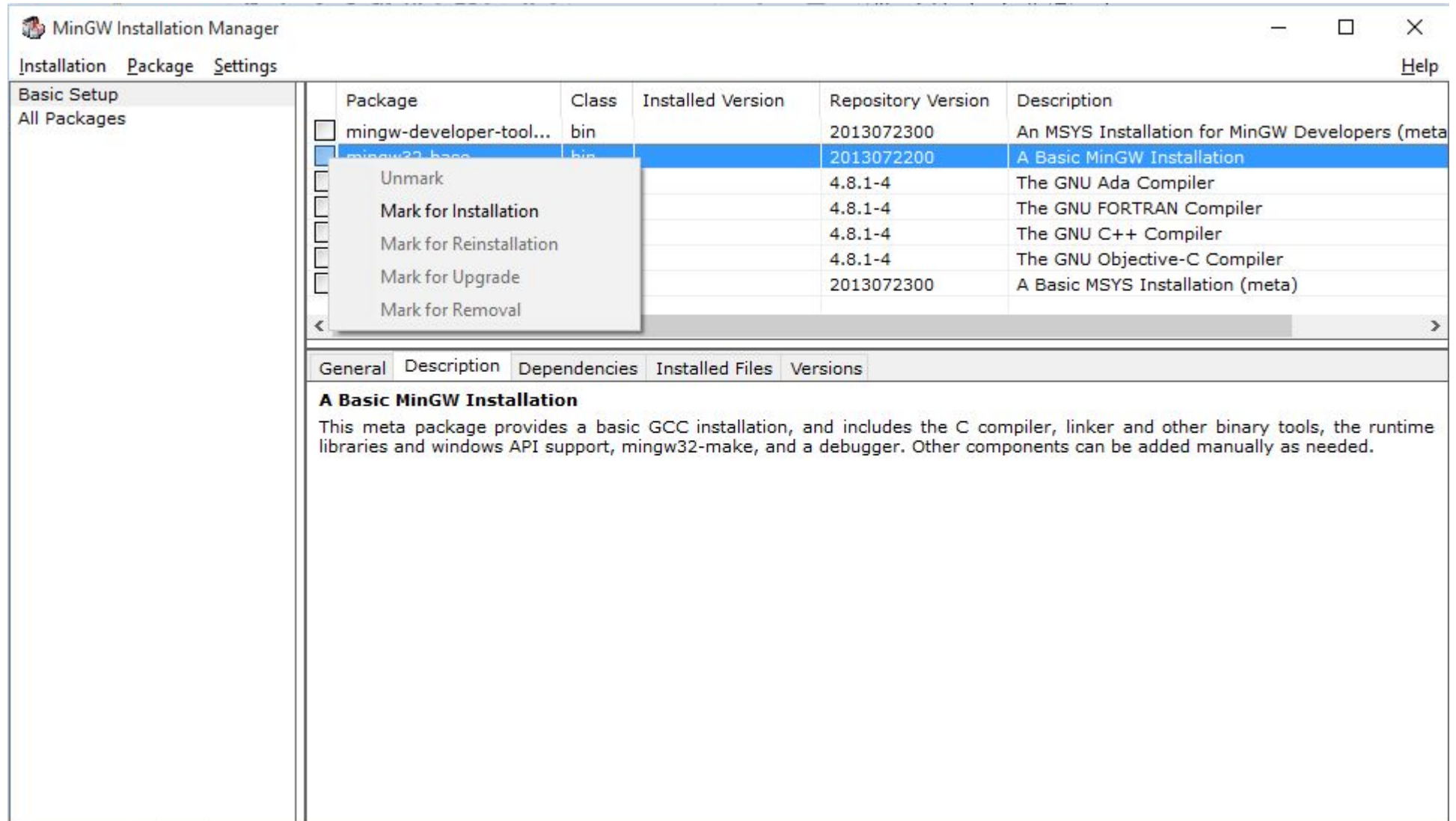
Será iniciada uma série de Downloads
Aguarde até todos terminarem
E clique em **Continue**



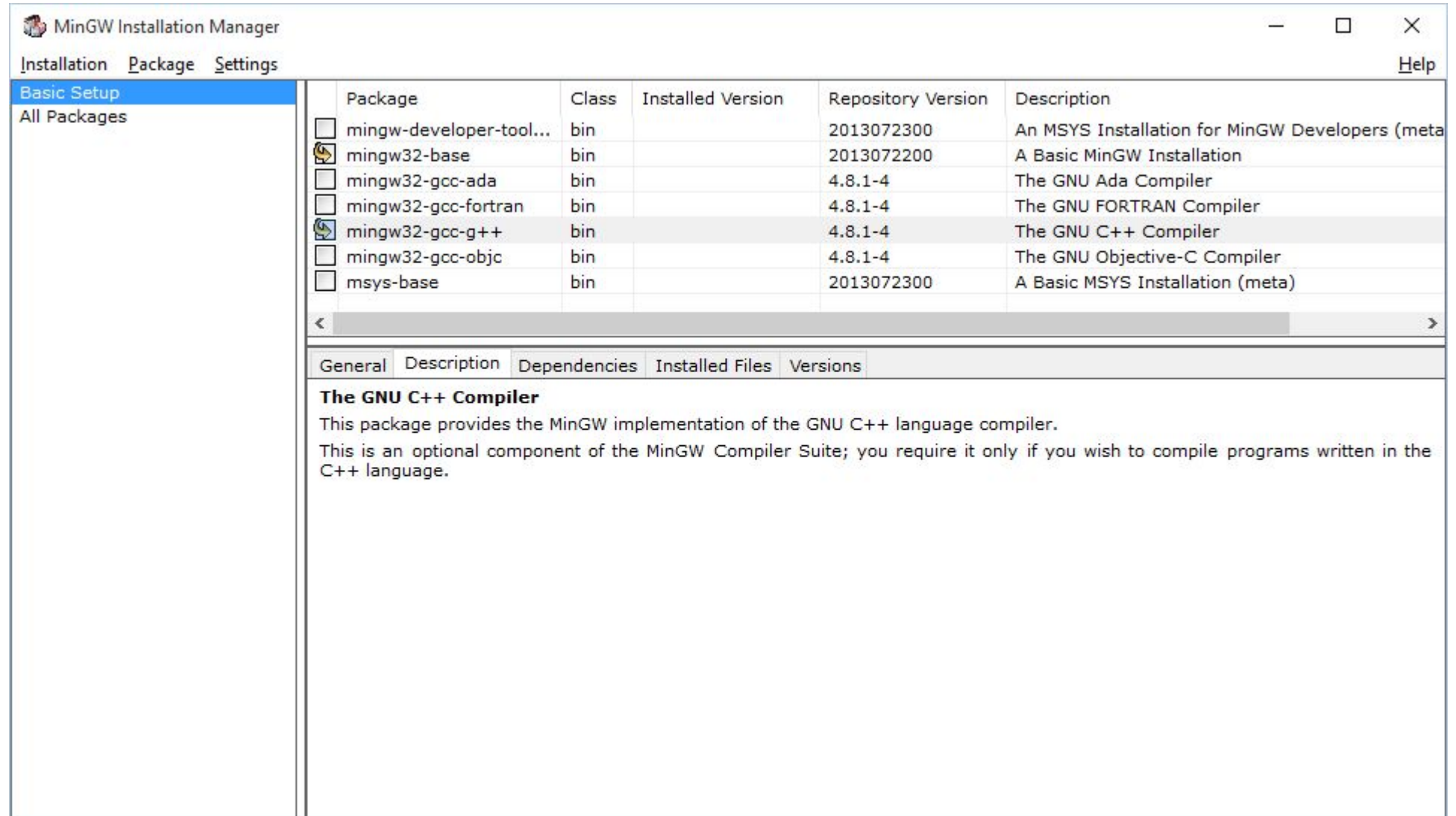
Nessa tela será necessário selecionar as opções **mingw32-base** e **mingw32-gcc-g++**



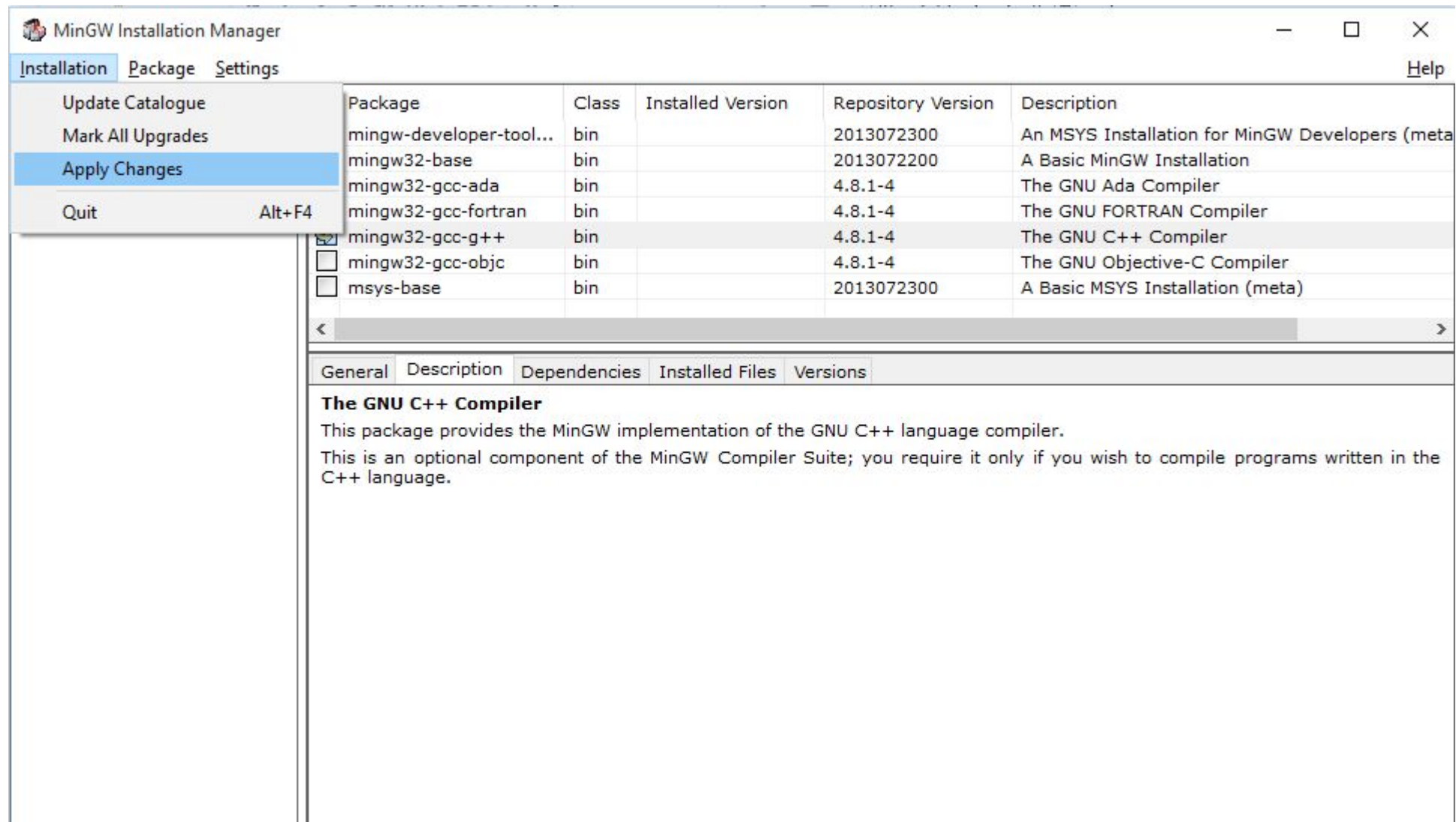
Ao seleccionar marque a opção
“Mark for Installation”



Você chegará a isso



Acesse então o menu Installation → Apply Changes



Aplique as alterações

Schedule of Pending Actions

Okay to proceed?
The package changes itemised below will be implemented when you choose **Apply**

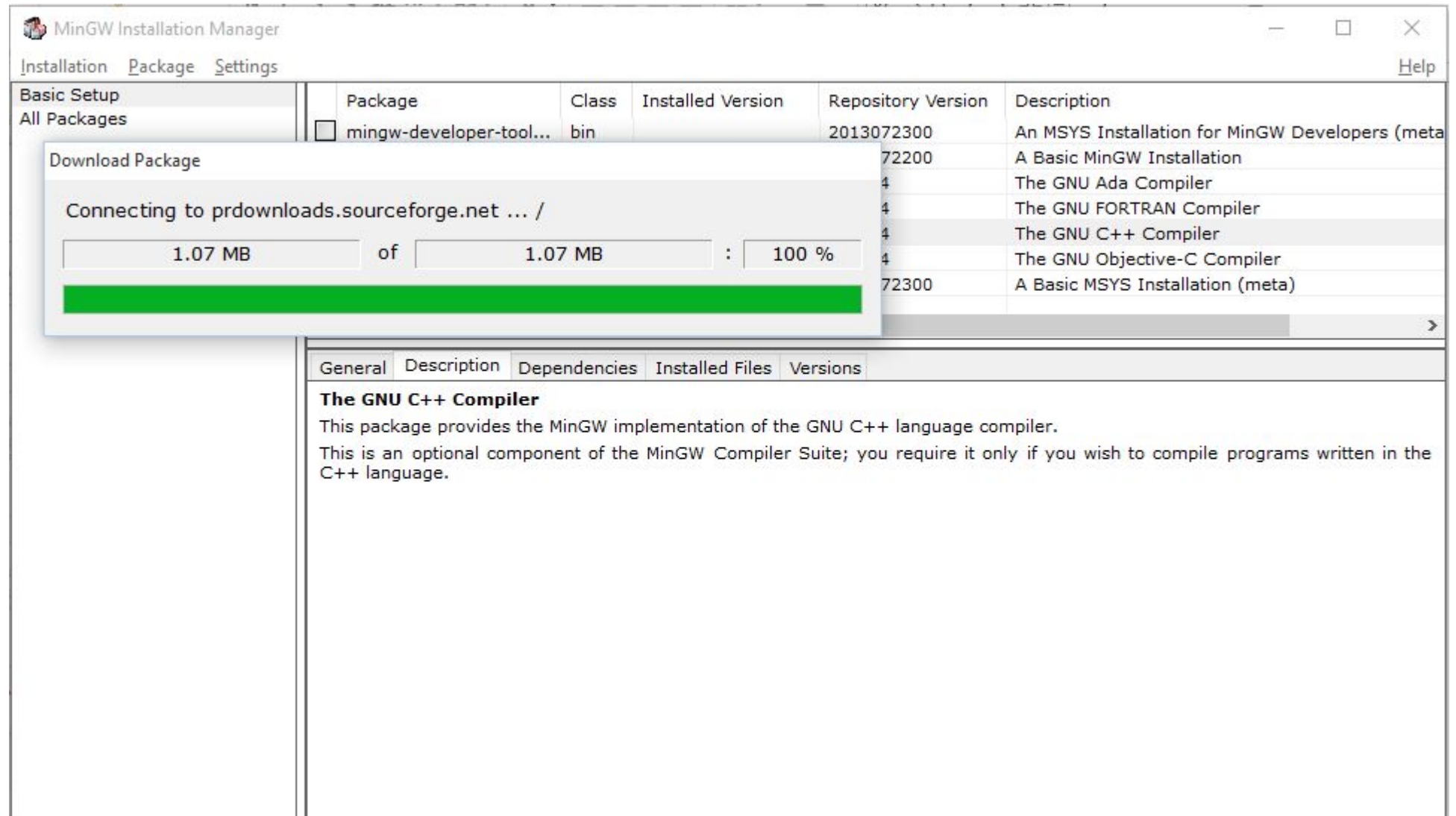
0 installed packages will be removed

0 installed packages will be upgraded

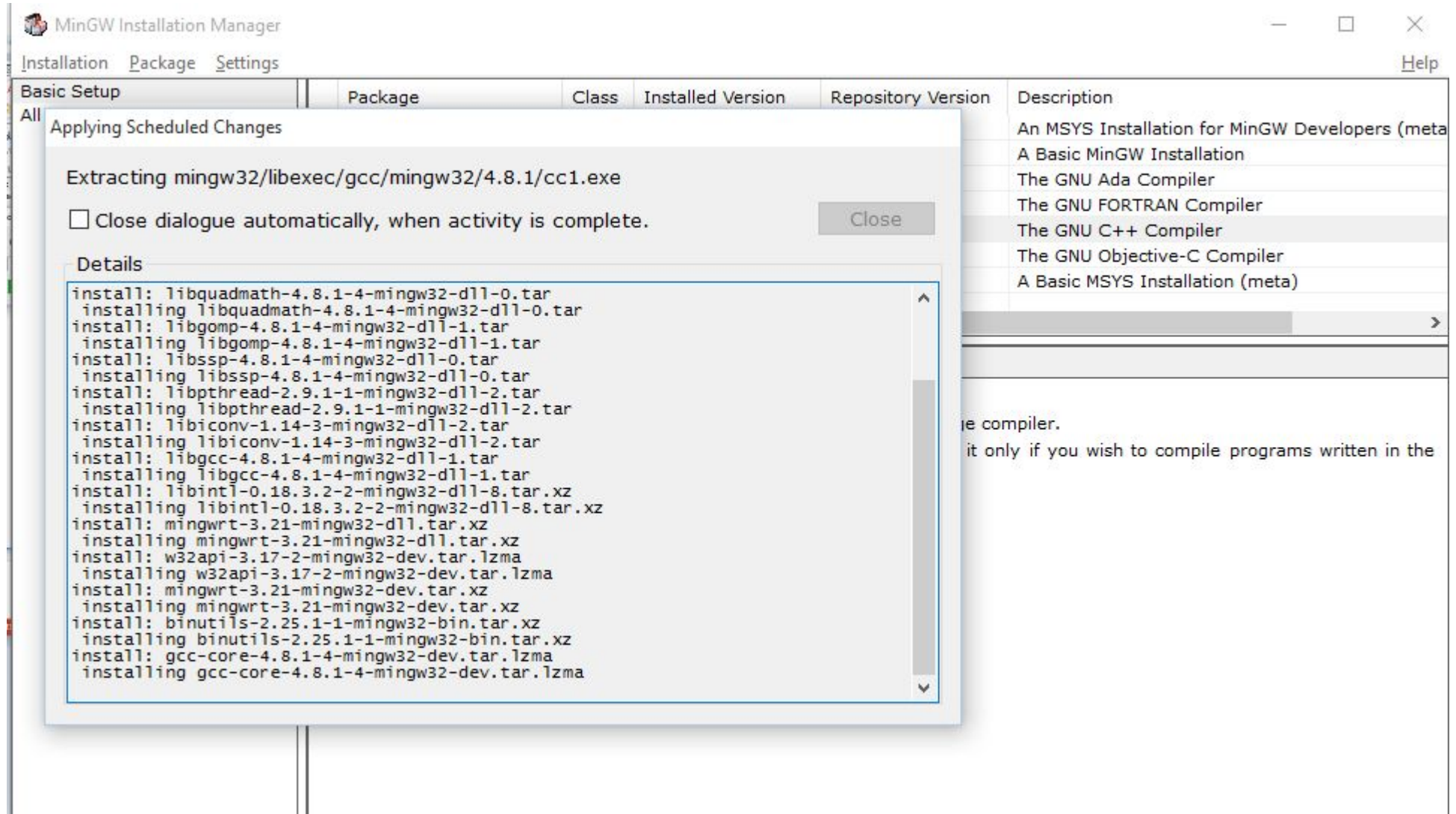
24 new/upgraded packages will be installed

- libgmp-5.1.2-1-mingw32-dll-10.tar
- libmpfr-3.1.2-2-mingw32-dll-4.tar
- libmpc-1.0.2-mingw32-dll-3.tar.xz
- libquadmath-4.8.1-4-mingw32-dll-0.tar
- libgomp-4.8.1-4-mingw32-dll-1.tar
- libssp-4.8.1-4-mingw32-dll-0.tar

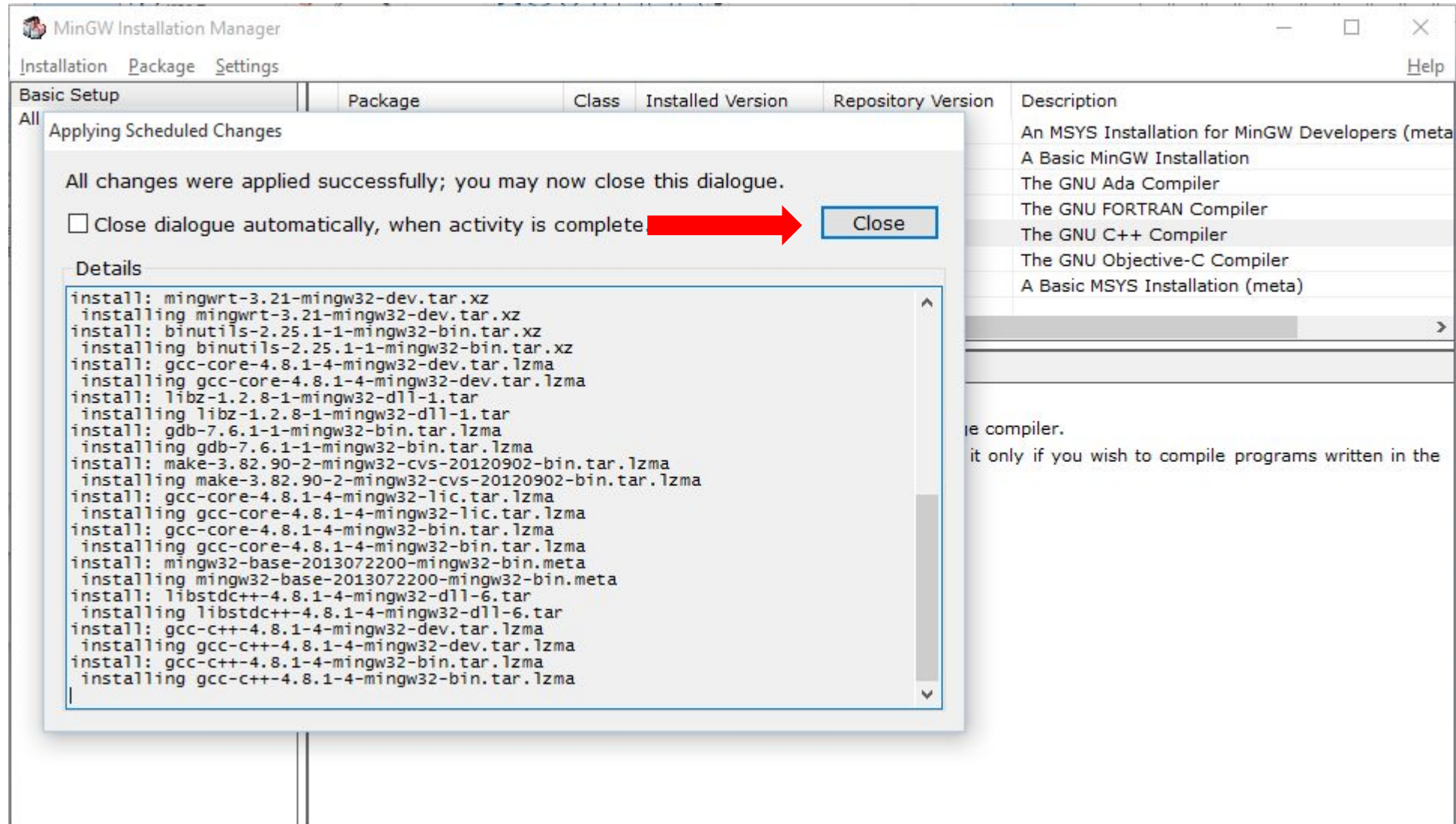
Será iniciada uma nova série de Downloads
Aguarde até todos terminarem



Será iniciada uma nova série de Downloads
Aguarde até todos terminarem



Ao terminar **feche** a janela



Se tudo deu certo, você deve chegar a isso



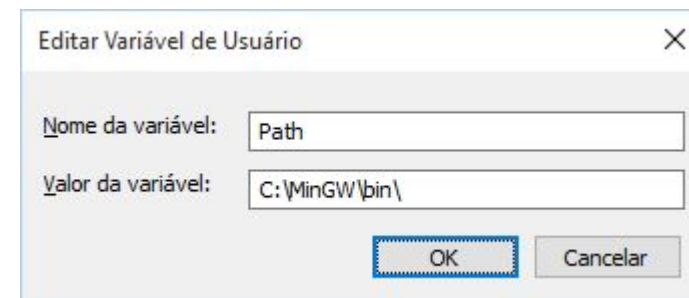
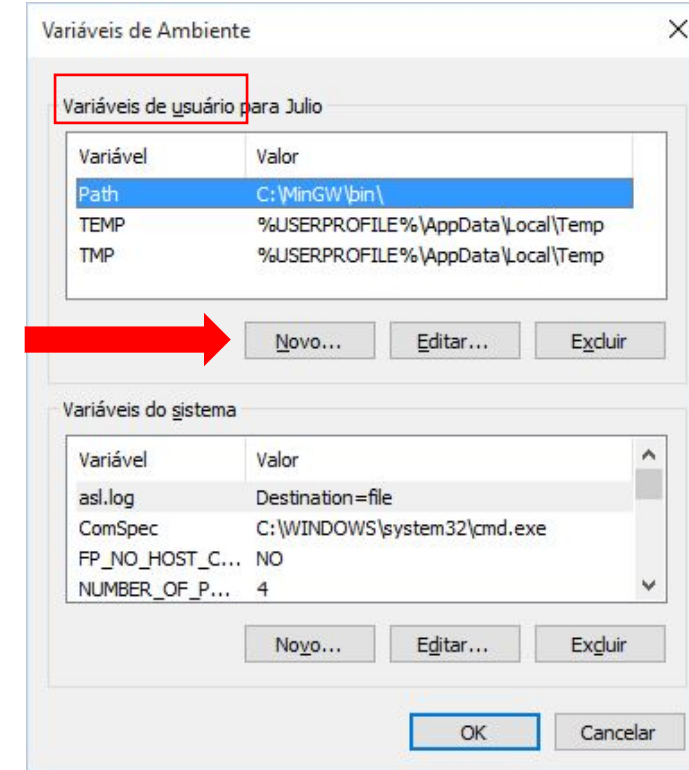
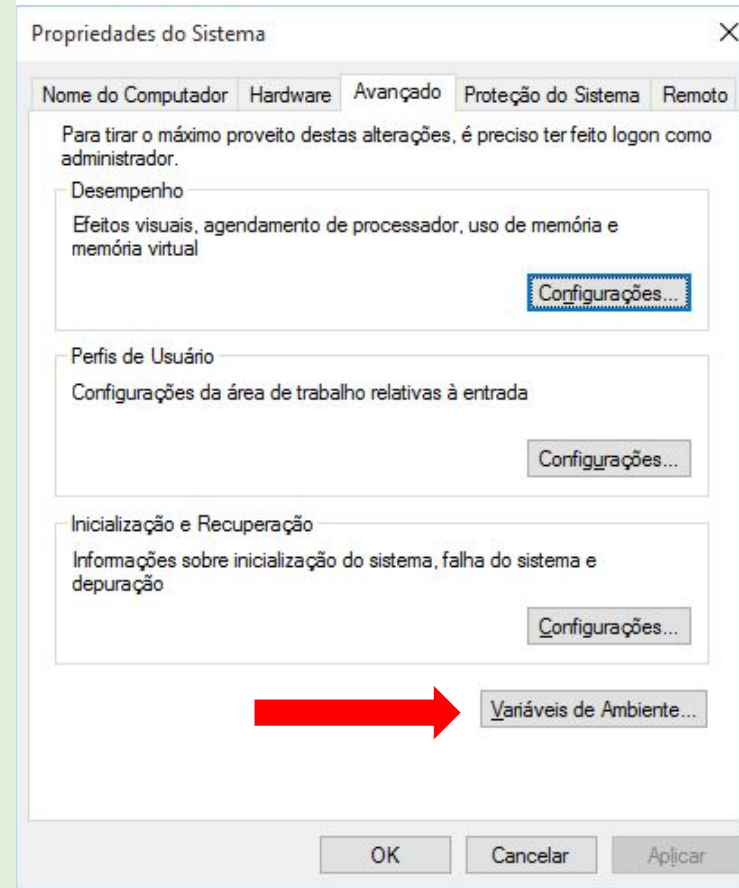
IMPORTANTE:

Se tiver queda de conexão no download e aparecer qualquer mensagem de falha, será necessário apagar a pasta c:\MinGW e começar tudo de novo (mesmo que apareça a tela acima).

É necessário agora configurar o **PATH**, ou seja, dizer para o Windows onde o MinGW está instalado para que você possa usar o comando “g++” na linha de comando ou para o que o Geany possa encontrá-lo. Siga então os seguintes passos:

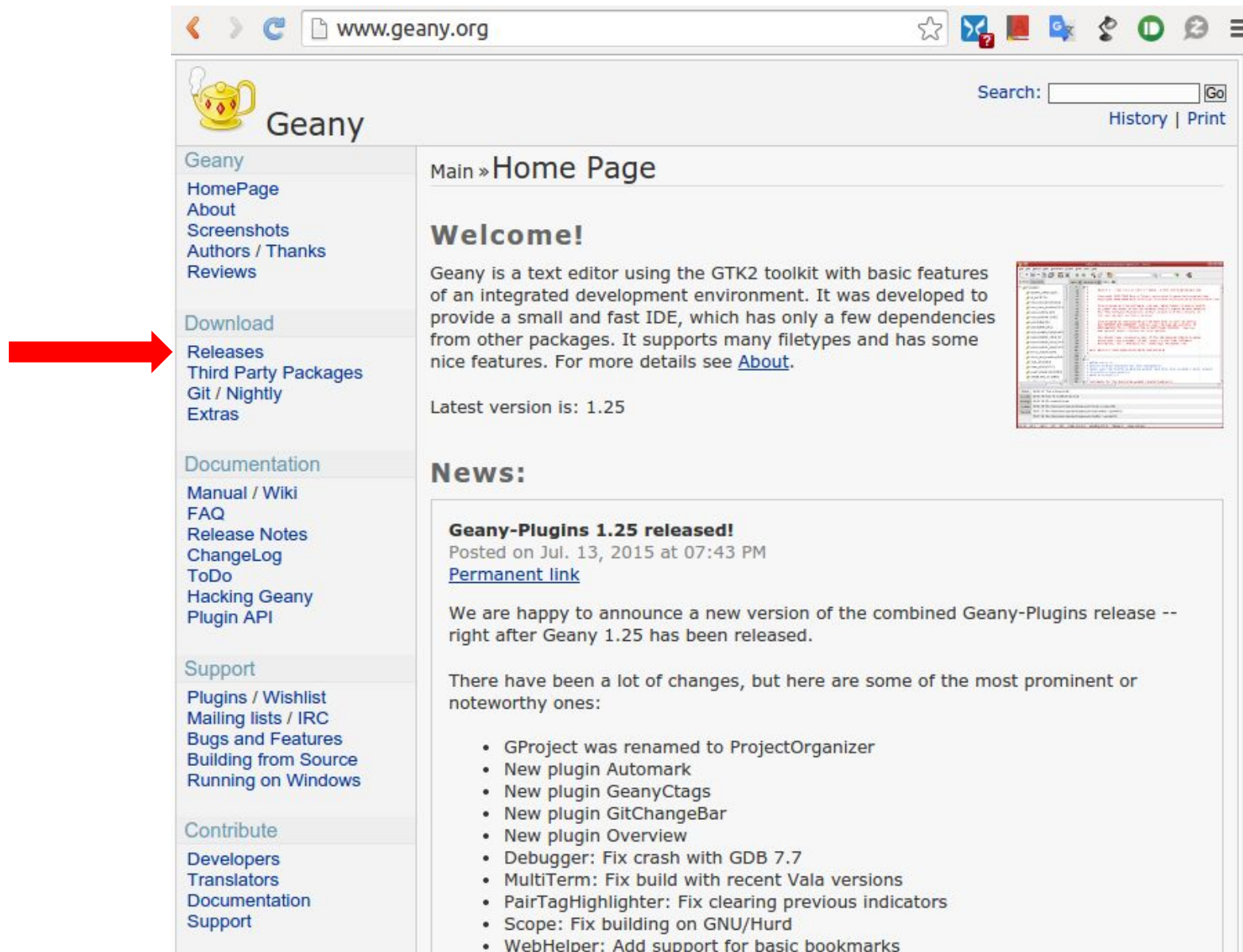
- Clique com o botão direito em meu computador (no Windows Explorer, por ex.) e acesse propriedades.
- Vá em “Avançado” ou “Configurações avançadas do Sistema” e clique no botão “Variáveis de ambiente”.
 - Cuidado! Se apagar alguma coisa aqui pode dar problemas no seu computador.
- Na seção de variáveis de usuário (nunca use a seção variáveis de sistema), clique em Novo e adicione o seguinte:
 - Variável de nome **Path** e valor **C:\MinGW\bin**
 - Obs: se já existir variável path, acrescente no final do que já existe ; **C:\MinGW\bin**
- Clique em OK, OK, até fechar tudo.

Por fim, reinicie seu computador!



MinGW está instalado!
Próximo passo: instalar o Geany

Acesse: www.geany.org
Vá em **Download - Releases**



The screenshot shows the Geany website in a web browser. A red arrow points to the 'Releases' link in the 'Download' section of the left sidebar. The main content area displays a 'Welcome!' message, a description of Geany as a text editor using the GTK2 toolkit, and a list of features. Below this, there is a 'News' section with a post about 'Geany-Plugins 1.25 released!' dated July 13, 2015. The sidebar also includes links for 'Documentation', 'Support', and 'Contribute'.

Geany

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- [Running on Windows](#)

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Main » **Home Page**

Welcome!

Geany is a text editor using the GTK2 toolkit with basic features of an integrated development environment. It was developed to provide a small and fast IDE, which has only a few dependencies from other packages. It supports many filetypes and has some nice features. For more details see [About](#).

Latest version is: 1.25

News:

Geany-Plugins 1.25 released!

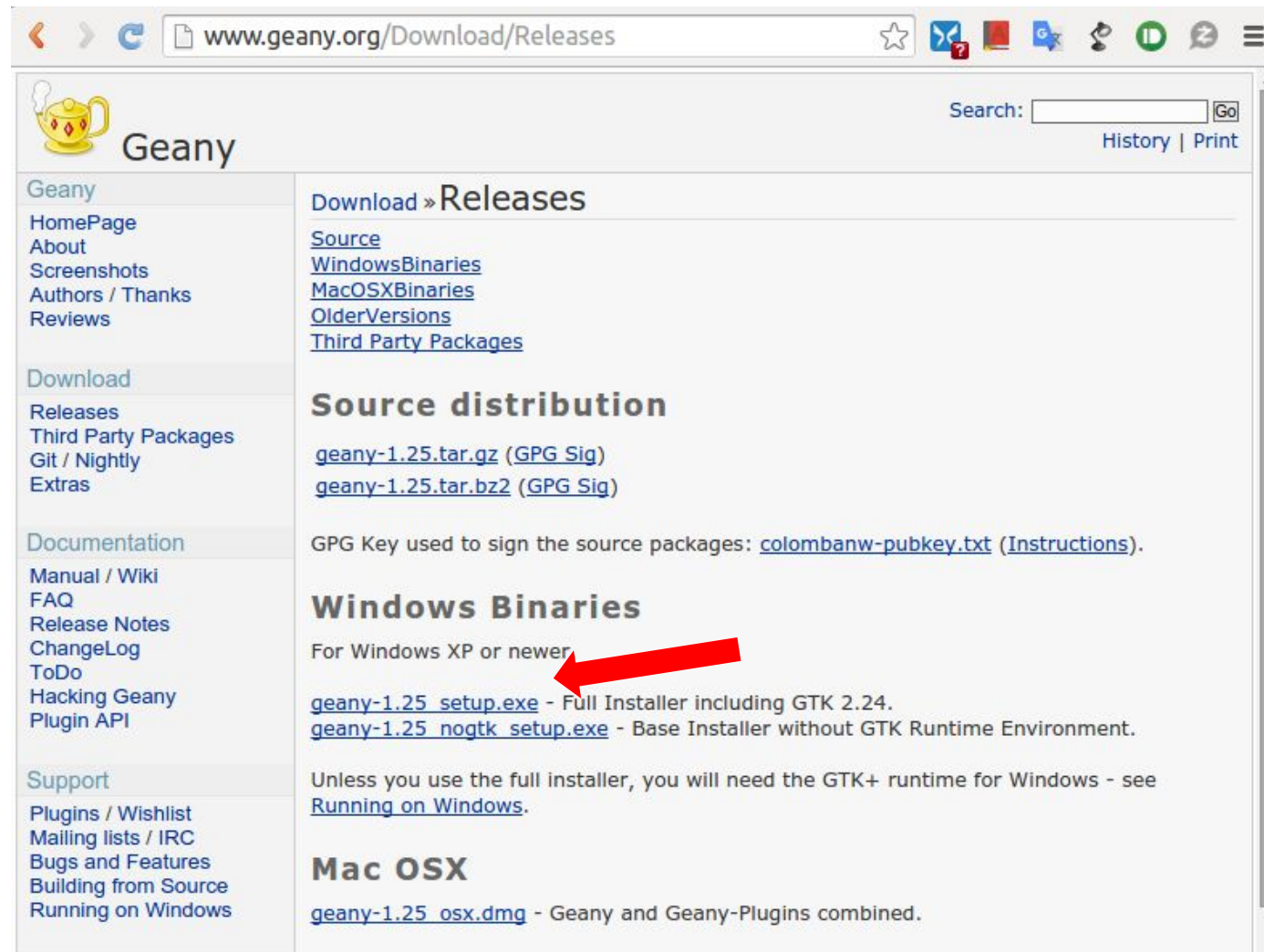
Posted on Jul. 13, 2015 at 07:43 PM
[Permanent link](#)

We are happy to announce a new version of the combined Geany-Plugins release -- right after Geany 1.25 has been released.

There have been a lot of changes, but here are some of the most prominent or noteworthy ones:

- GProject was renamed to ProjectOrganizer
- New plugin Automark
- New plugin GeanyCtags
- New plugin GitChangeBar
- New plugin Overview
- Debugger: Fix crash with GDB 7.7
- MultiTerm: Fix build with recent Vala versions
- PairTagHighlighter: Fix clearing previous indicators
- Scope: Fix building on GNU/Hurd
- WebHelper: Add support for basic bookmarks

Escolha o arquivo “full installer” Dentro de **Windows Binaries**



www.geany.org/Download/Releases

Geany

Search: Go
History | Print

Download » Releases

[Source](#)
[WindowsBinaries](#)
[MacOSXBinaries](#)
[OlderVersions](#)
[Third Party Packages](#)

Source distribution

[geany-1.25.tar.gz](#) (GPG Sig)
[geany-1.25.tar.bz2](#) (GPG Sig)

GPG Key used to sign the source packages: [colombanw-pubkey.txt](#) (Instructions).

Windows Binaries

For Windows XP or newer

[geany-1.25_setup.exe](#) - Full Installer including GTK 2.24.
[geany-1.25_nogtk_setup.exe](#) - Base Installer without GTK Runtime Environment.

Unless you use the full installer, you will need the GTK+ runtime for Windows - see [Running on Windows](#).

Mac OSX

[geany-1.25_osx.dmg](#) - Geany and Geany-Plugins combined.

Geany

- HomePage
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Download

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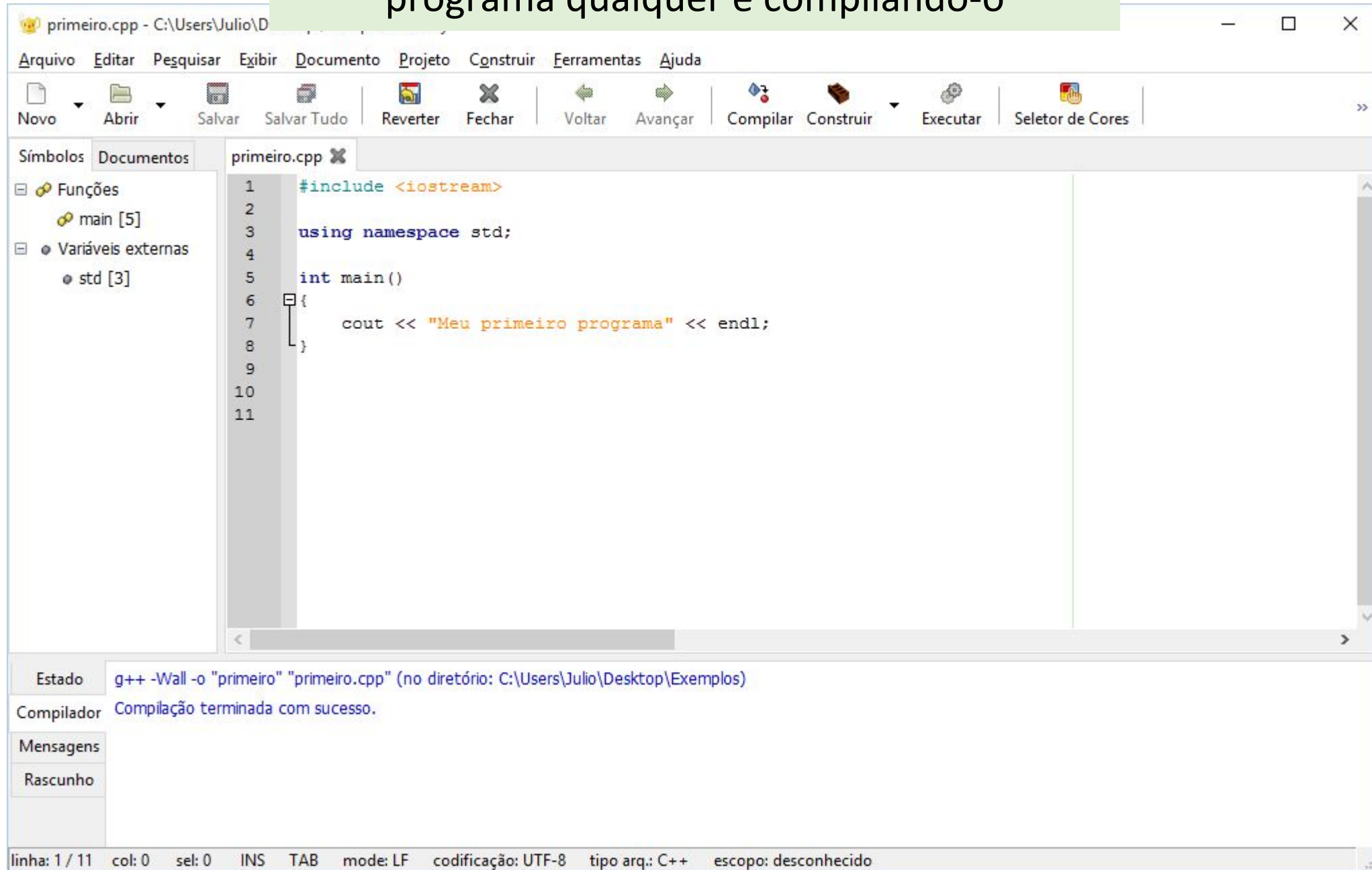
Depois abra o instalador que foi baixado, execute-o e faça a instalação:
Next → I Agree → Next → Next → Install → Finish

Configurando o **Anti-vírus**

Dependendo do Anti-vírus que você usa, quando você tentar compilar um programa, o Anti-vírus bloqueará a ação.

- Você precisará então dizer para o Anti-vírus que a pasta onde você está compilando seus programas não precisa ser vigiada.
- O ideal é criar uma pasta só para seus programas (não use diretamente pastas como Área de Trabalho, Downloads ou Documentos, por exemplo).
- Vá então no seu anti-vírus e procure uma opção para que ele ignore essa pasta que você criou.
- Dessa forma, o anti-vírus não bloqueará mais seus programas.

Abra o Geany e teste a instalação criando um programa qualquer e compilando-o



Caso algo não funcione, confira em detalhes as instruções e tente novamente.

Se ainda assim não funcionar, procure ajuda.


Lembre-se: praticar em casa é a única forma de se dar bem na disciplina.

Opções para programar sem precisar instalar programas no seu computador

Obs: é MUITO IMPORTANTE saber usar o Geany e/ou g++ na linha de comando e treinar a usá-los pois é o que você poderá usar para fazer as provas.

Lembrando que não é permitido acesso a sites durante a prova.



www.codechef.com/ide



The screenshot shows the CodeChef IDE web interface. At the top, there is a browser address bar with the URL <https://www.codechef.com/ide>. Below the address bar, the CodeChef logo is displayed, featuring a chef's hat and the text "CODECHEF BETA". To the right of the logo is a "Login" button. Below the logo, the text "A Directi Educational Initiative" is visible. To the right of this text are three navigation links: "PRACTICE", "COMPETE", and "DISC". The main content area has a large heading "CODE, COMPILE & RUN". Below this heading, there is a tab labeled "Ide" with a close button "x" and a plus button "+". Below the tab, there is a dropdown menu showing "C++ 4.9.2 (Gcc-4.9.2)". Below the dropdown menu, there is a code editor with the following code:

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     // your code goes here
6     return 0;
7 }
8
```

cpp.sh

 cpp.sh  

C++ shell

```
1 // Example program
2 #include <iostream>
3 #include <string>
4
5 int main()
6 {
7     std::string name;
8     std::cout << "What is your name? ";
9     getline (std::cin, name);
10    std::cout << "Hello, " << name << "!\n";
11 }
12
```

Short URL: cpp.sh/ 

options

compilation

execution

```
What is your name? julio
Hello, julio!
```