



# TUTORIAL CODE::BLOCKS

## INSTALANDO E CRIANDO O PRIMEIRO PROGRAMA

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2013 - 1

# Visão Geral

1

- Instalando o Code::Blocks

2

- Configurando o primeiro uso

3

- Criando um Programa



# **INSTALANDO O CODE::BLOCKS**

# Fazendo o Download

- Você encontra o Code::Blocks aqui:

<http://www.codeblocks.org/downloads/26>



The screenshot shows the Code::Blocks website's download page. At the top, there is the Code::Blocks logo and the tagline "Code::Blocks - The IDE with all the features you need, having a consistent look, feel and operation across platforms." Below this is a navigation menu with links for Home, Features, Downloads, Forums, and Wiki. The main content area is titled "Main" and contains a list of links: Home, Features, Screenshots, Downloads (with sub-links for Binaries, Source, and SVN), Plugins, User manual, Licensing, and Donations. Below the main content is a "Quick links" section with links for FAQ, Forums, Wiki, Nightlies, BugTracker, PatchTracker, Browse SVN, and Browse SVN log. The main content area also contains a section titled "Please select a setup package depending on your platform:" with a list of operating systems: Windows 2000/XP/Vista/7/8, Linux 32-bit, Linux 64-bit, and Mac OS X. Below this is a "NOTE" about nightly builds, a "MIRRORS" section, and an "IMPORTANT NOTE" about download errors. At the bottom, there is a "NOTE" about a changelog. The main content area also features a table of download links for Windows 2000 / XP / Vista / 7. The table has columns for File, Date, Size, and Download from. The last row of the table is highlighted with a red box.

**Code::Blocks** Code::Blocks - The IDE with all the features you need, having a consistent look, feel and operation across platforms.

Home Features Downloads Forums Wiki

### Main

- Home
- Features
- Screenshots
- Downloads
  - Binaries
  - Source
  - SVN
- Plugins
- User manual
- Licensing
- Donations

### Quick links

- FAQ
- Forums
- Wiki
- Nightlies
- BugTracker
- PatchTracker
- Browse SVN
- Browse SVN log

Please select a setup package depending on your platform:

- Windows 2000/XP/Vista/7/8
- Linux 32-bit
- Linux 64-bit
- Mac OS X

**NOTE:** There are also more recent *nightly builds* available in the [forums](#) or (for Debian and Fedora users) in [Jens' Debian repository](#) and [Jens' Fedora repository](#). Please note that we consider nightly builds to be *stable*, usually.

**MIRRORS:** BerliOS mirrors all files *usually* at SourceForge using a "BerliOS robot" [here](#). As this sometimes doesn't work, we have mirrored all file releases at SourceForge, too [here](#). The latter is managed by us.

**IMPORTANT NOTE:** If you try to download from BerliOS and get a "Too many clients!" - error, you should retry to download the file. According to a BerliOS - admin, this can happen several times, before the download starts. Alternatively use one of the mirrors.

**NOTE:** We have a [Changelog](#) for 12.11, that gives you an overview over the enhancements and fixes we have put in the new release.

### Windows 2000 / XP / Vista / 7:

File	Date	Size	Download from
codeblocks-12.11-setup.exe			BerliOS or Sourceforge.net
codeblocks-12.11-setup_user.exe	28 Nov 2012	28.2 MB	BerliOS or Sourceforge.net
codeblocks-12.11mingw-setup.exe			BerliOS or Sourceforge.net
codeblocks-12.11mingw-setup_user.exe	28 NOV 2012	30.8 MB	BerliOS or Sourceforge.net

# Fazendo o Download

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<http://www.codeblocks.org/downloads/26>



**Code::Blocks**

*Code::Blocks - The IDE with all the features you need, having a consistent look, feel and operation across platforms.*



Windows 2000 / XP / Vista / 7:

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codeblocks-12.11-setup.exe			BerliOS or Sourceforge.net
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codeblocks-12.11mingw-setup.exe			BerliOS or Sourceforge.net
codeblocks-12.11mingw-setup_user.exe	28 Nov 2012	96.8 MB	BerliOS or Sourceforge.net

- BugTracker
- PatchTracker
- Browse SVN
- Browse SVN log

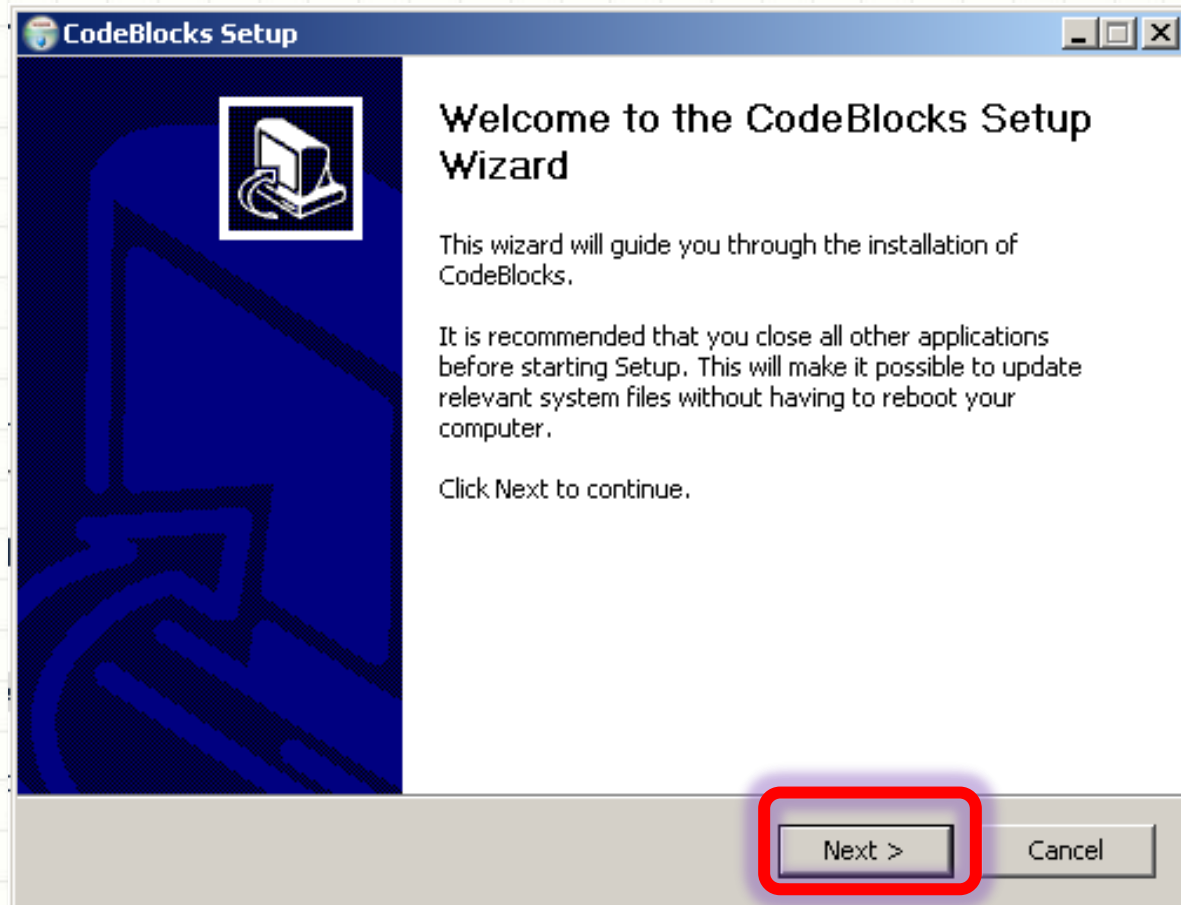


built with  
GCC

File	Date	Size	Download from
codeblocks-12.11-setup.exe			BerliOS or Sourceforge.net
codeblocks-12.11-setup_user.exe	28 Nov 2012	28.2 MB	BerliOS or Sourceforge.net
codeblocks-12.11mingw-setup.exe			BerliOS or Sourceforge.net
codeblocks-12.11mingw-setup_user.exe	28 Nov 2012	96.8 MB	BerliOS or Sourceforge.net

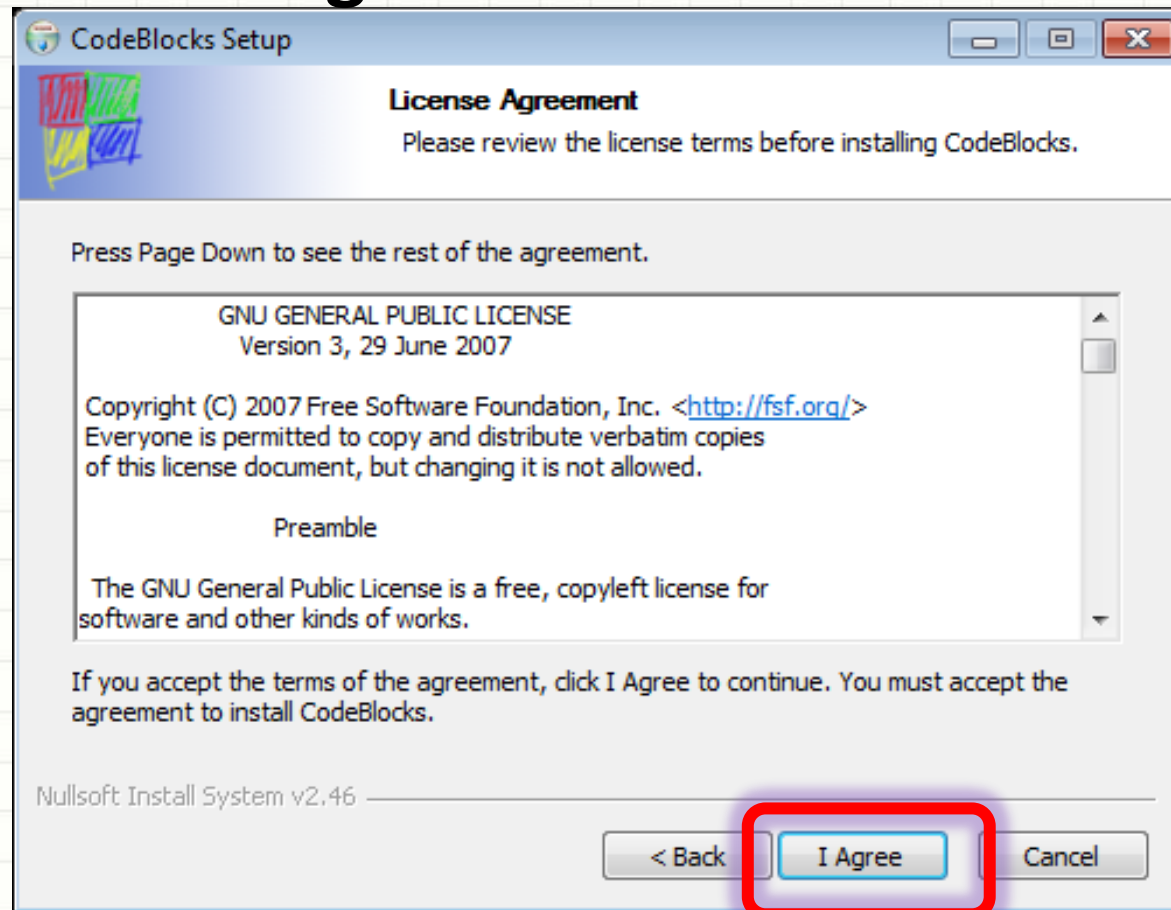
# Instalando

- Clique duas vezes no instalador...
- Clique em “next”



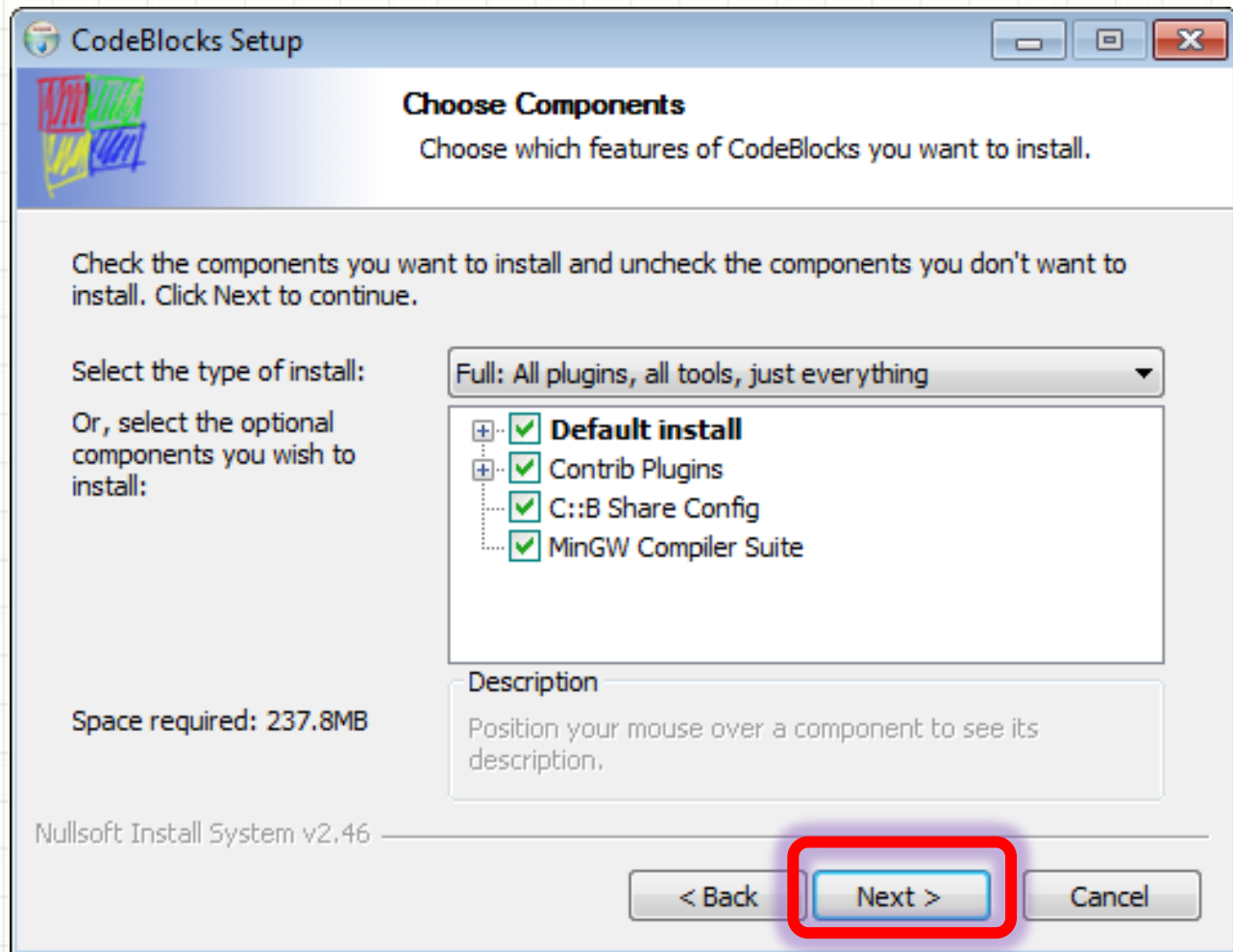
# Instalando

- Concorde com a licença
- Clique em **“I Agree”**



# Instalando

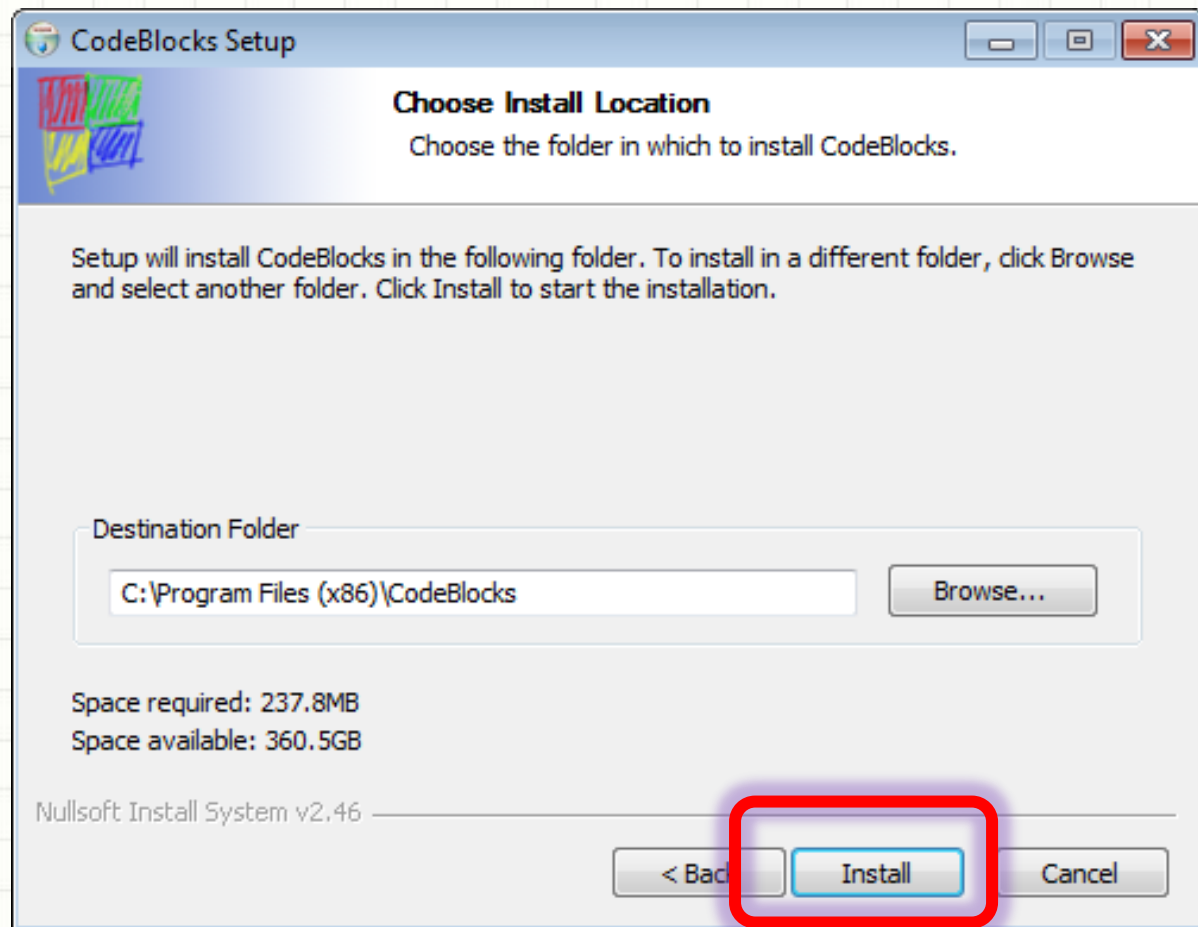
- Clique em “**Next**”





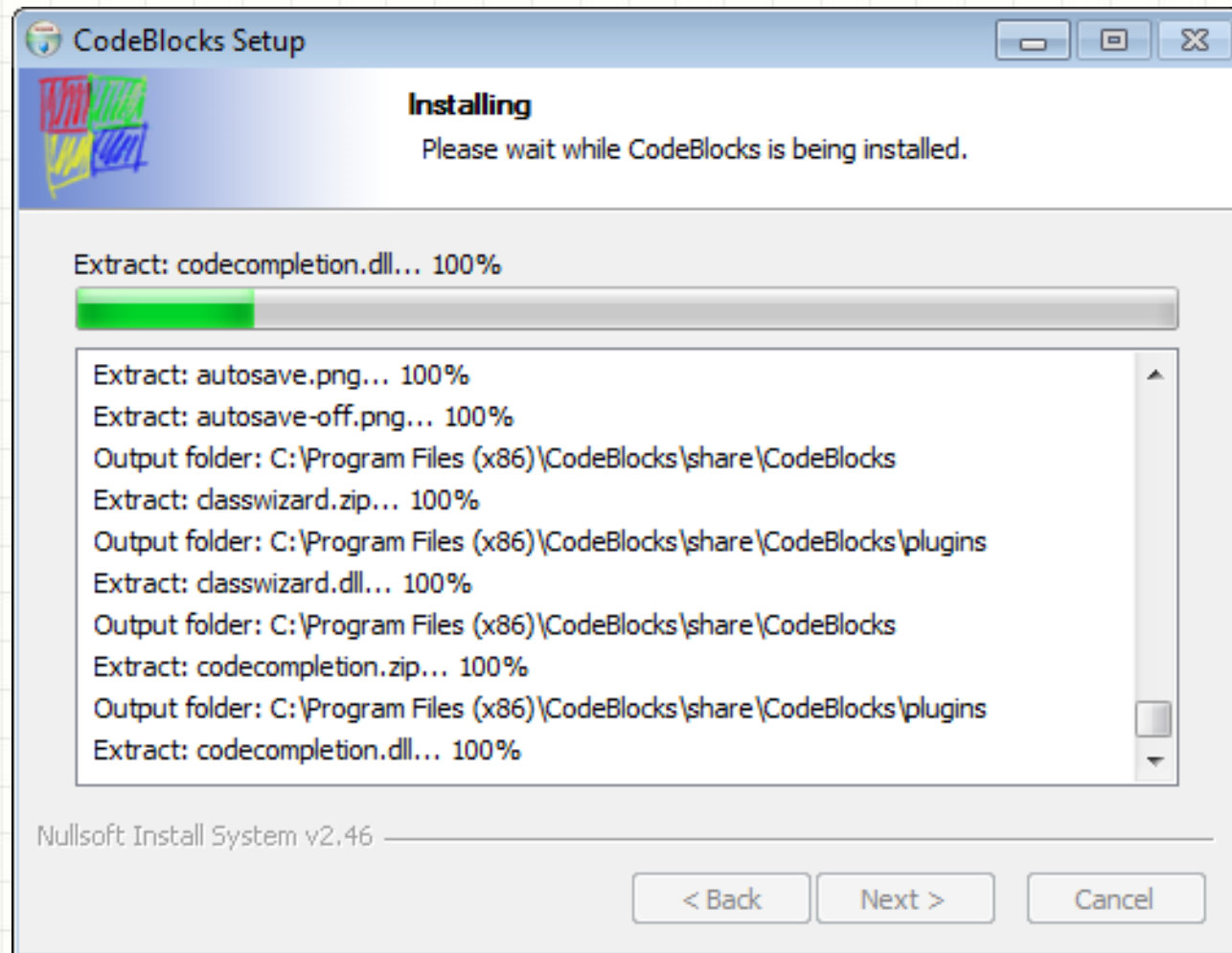
# Instalando

- Não é preciso mexer no local de instalação
- Clique em **“Install”**



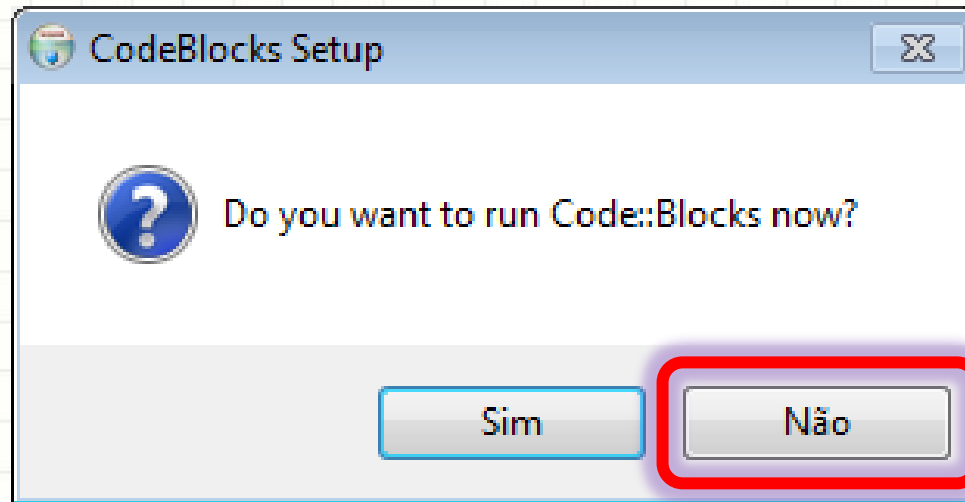
# Instalando

- Aguarde processo de instalação...



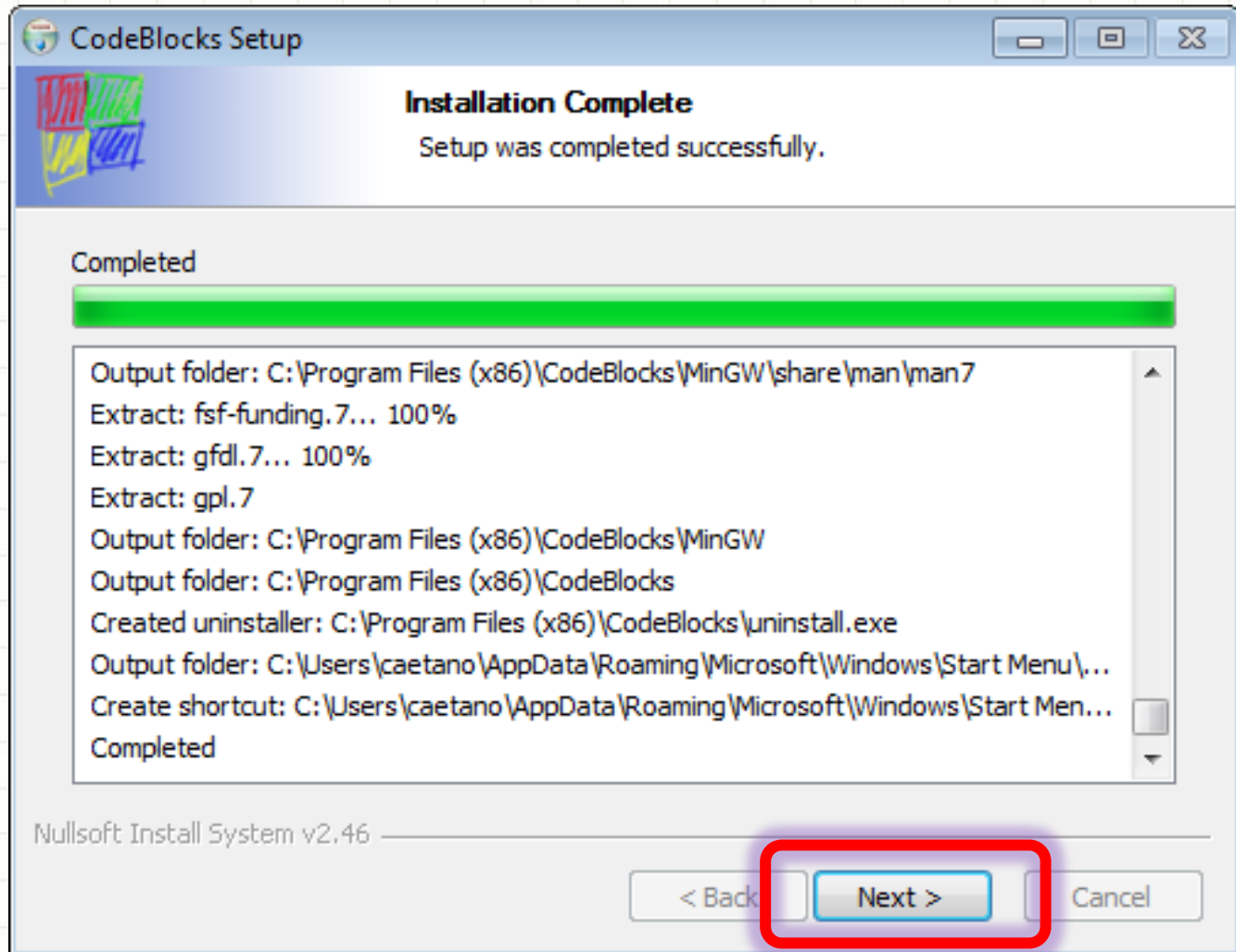
# Instalando

- Ao final, o programa perguntará se você quer rodar o Code::Blocks agora...
- Responda “**Não**”



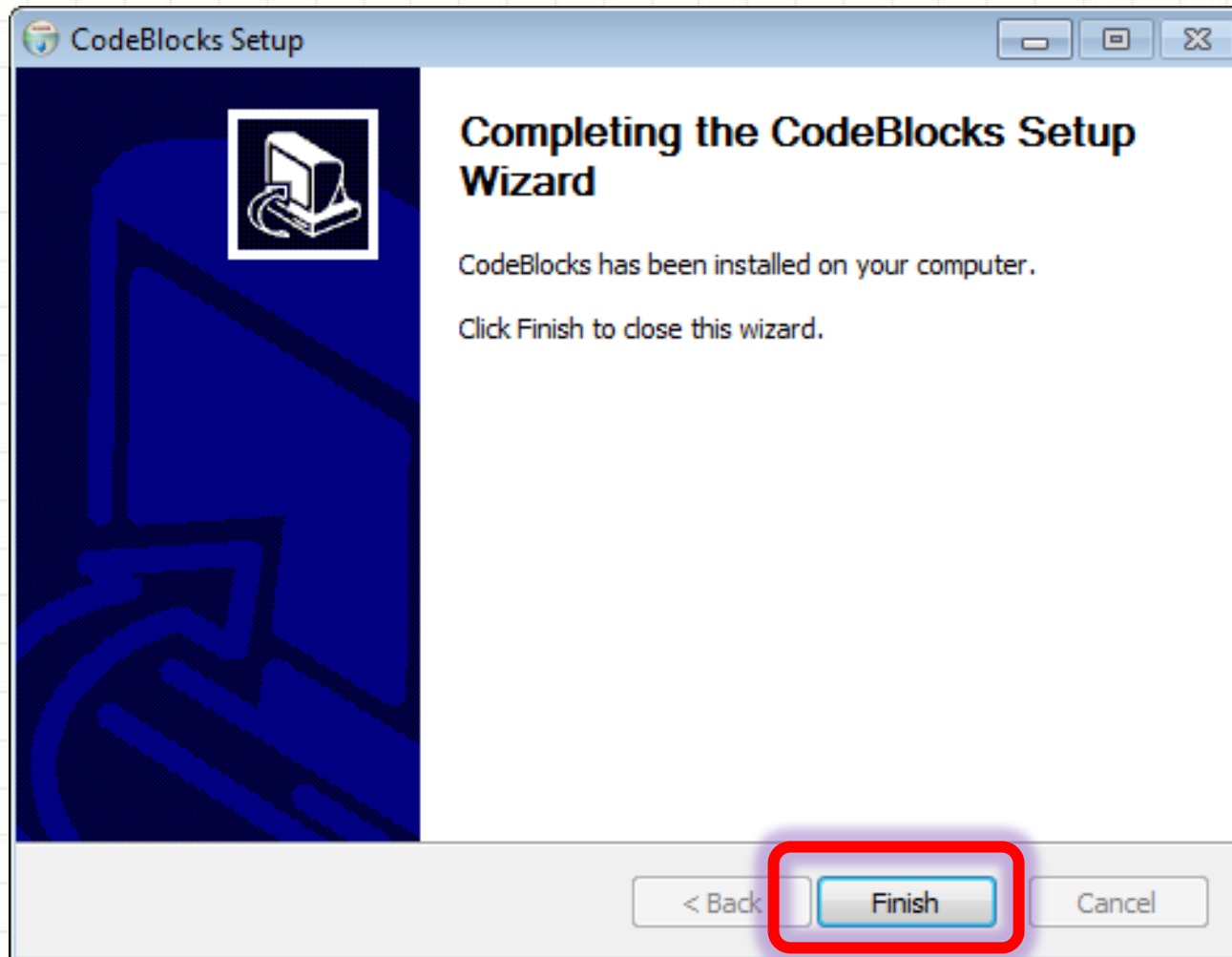
# Instalando

- Agora, clique em **“Next”**



# Instalando

- E, para finalizar, clique em **“Finish”**

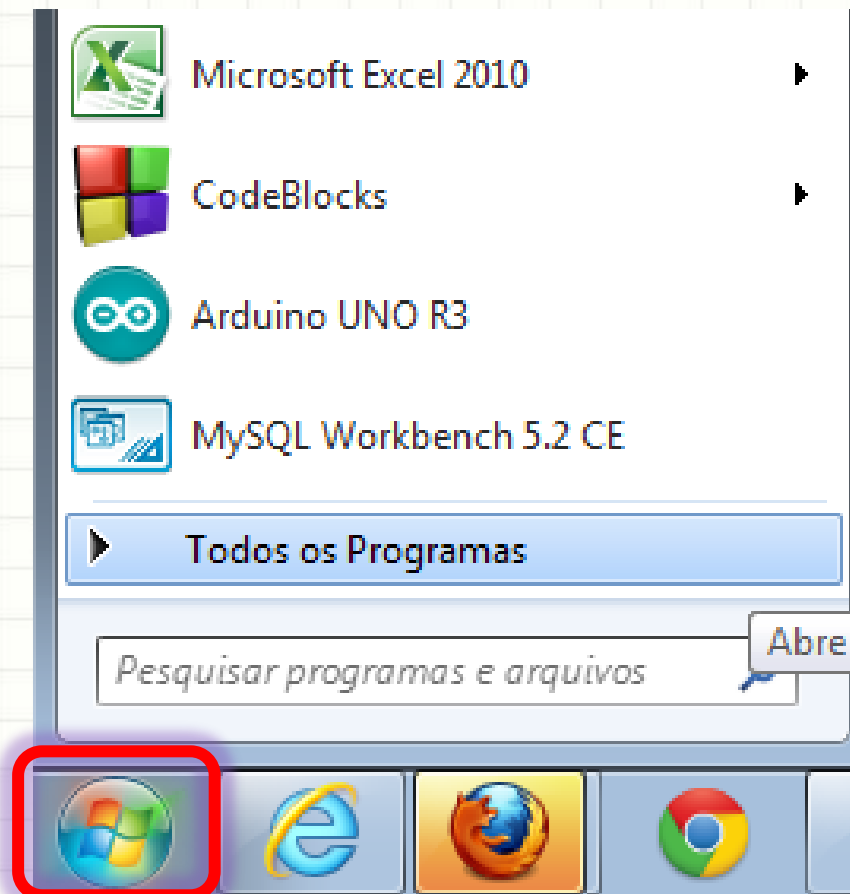




# **CONFIGURANDO O PRIMEIRO Uso**

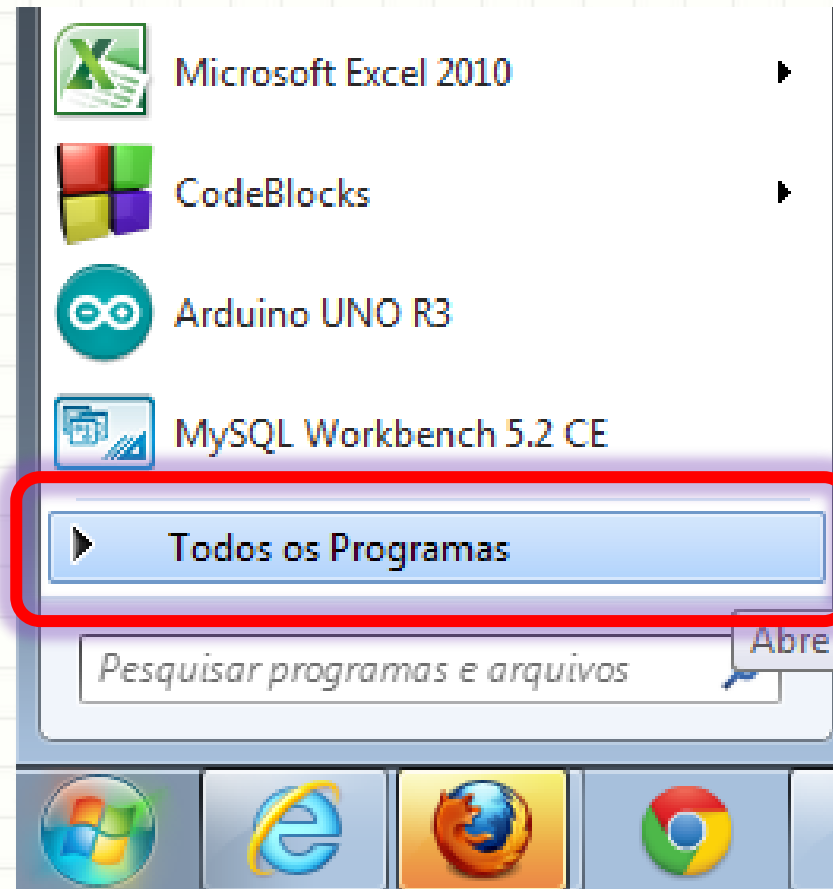
# Configurando o Code::Blocks

- Vamos achar o Code::Blocks...
- Clique no botão iniciar...



# Configurando o Code::Blocks

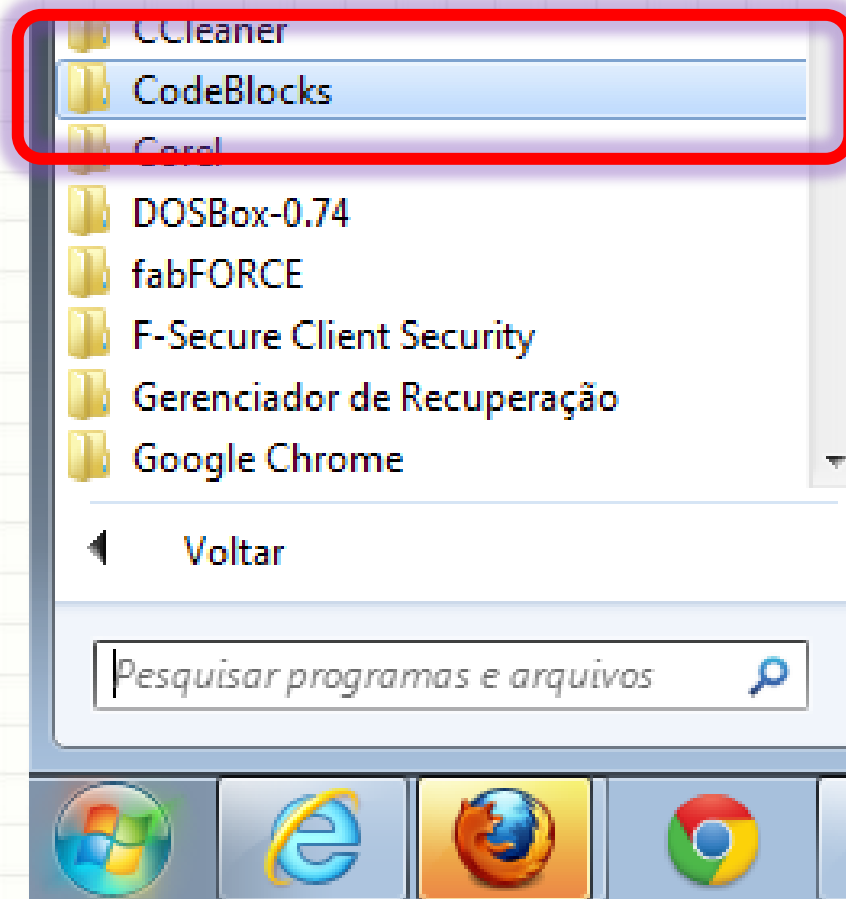
- Selecione a opção “Todos os Programas”





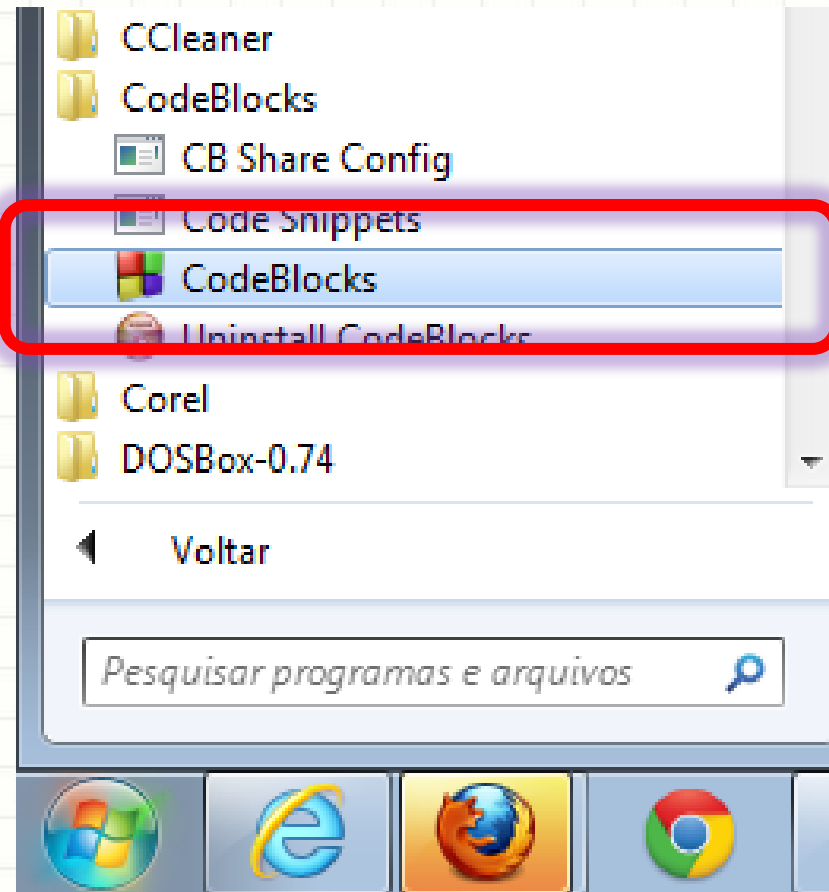
# Configurando o Code::Blocks

- Selecione a pasta “CodeBlocks”



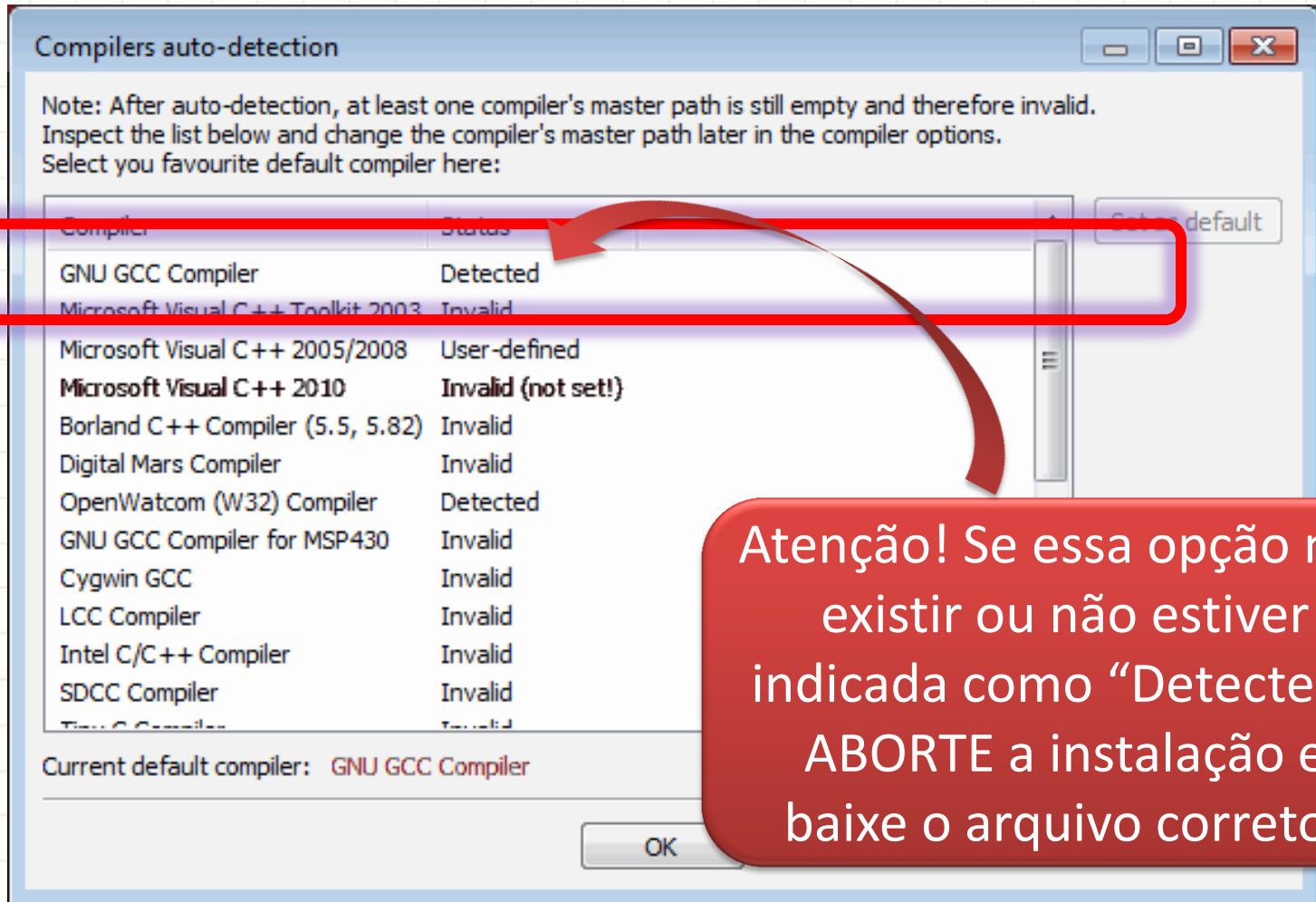
# Configurando o Code::Blocks

- Finalmente, selecione o ícone “CodeBlocks”



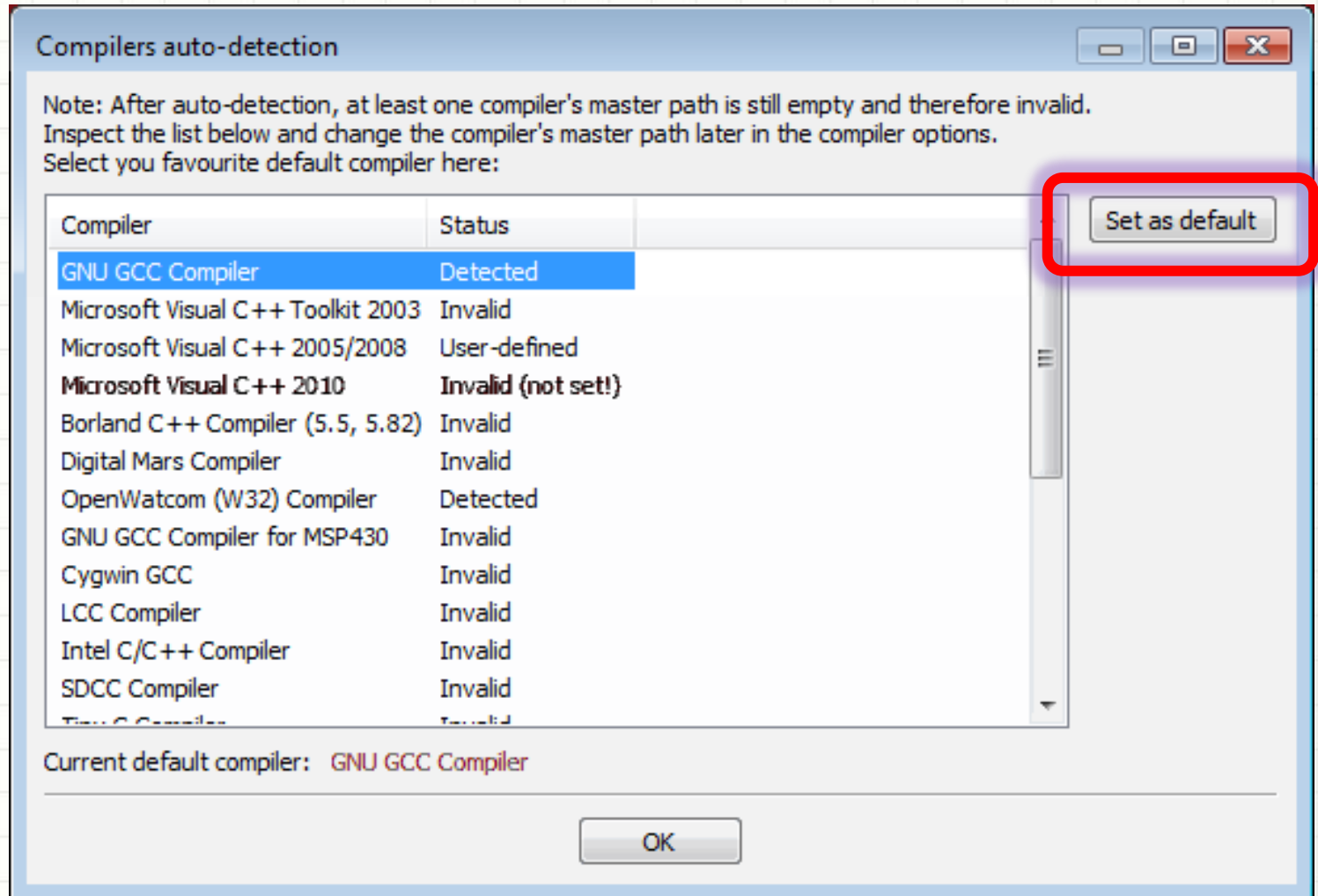
# Configurando o Code::Blocks

- Selecione “**GNU GCC Compiler**”



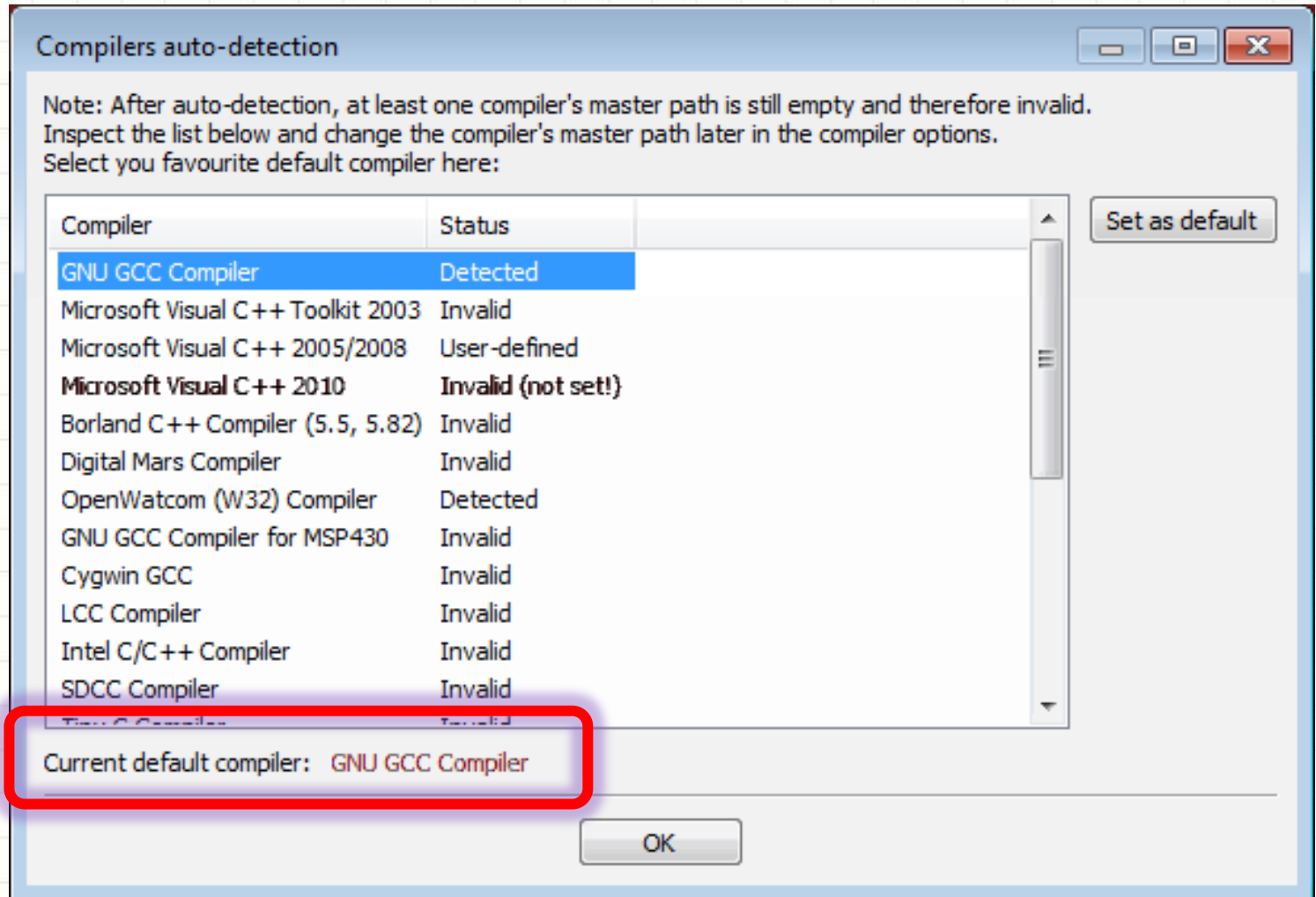
# Configurando o Code::Blocks

- Clique em “Set as default”



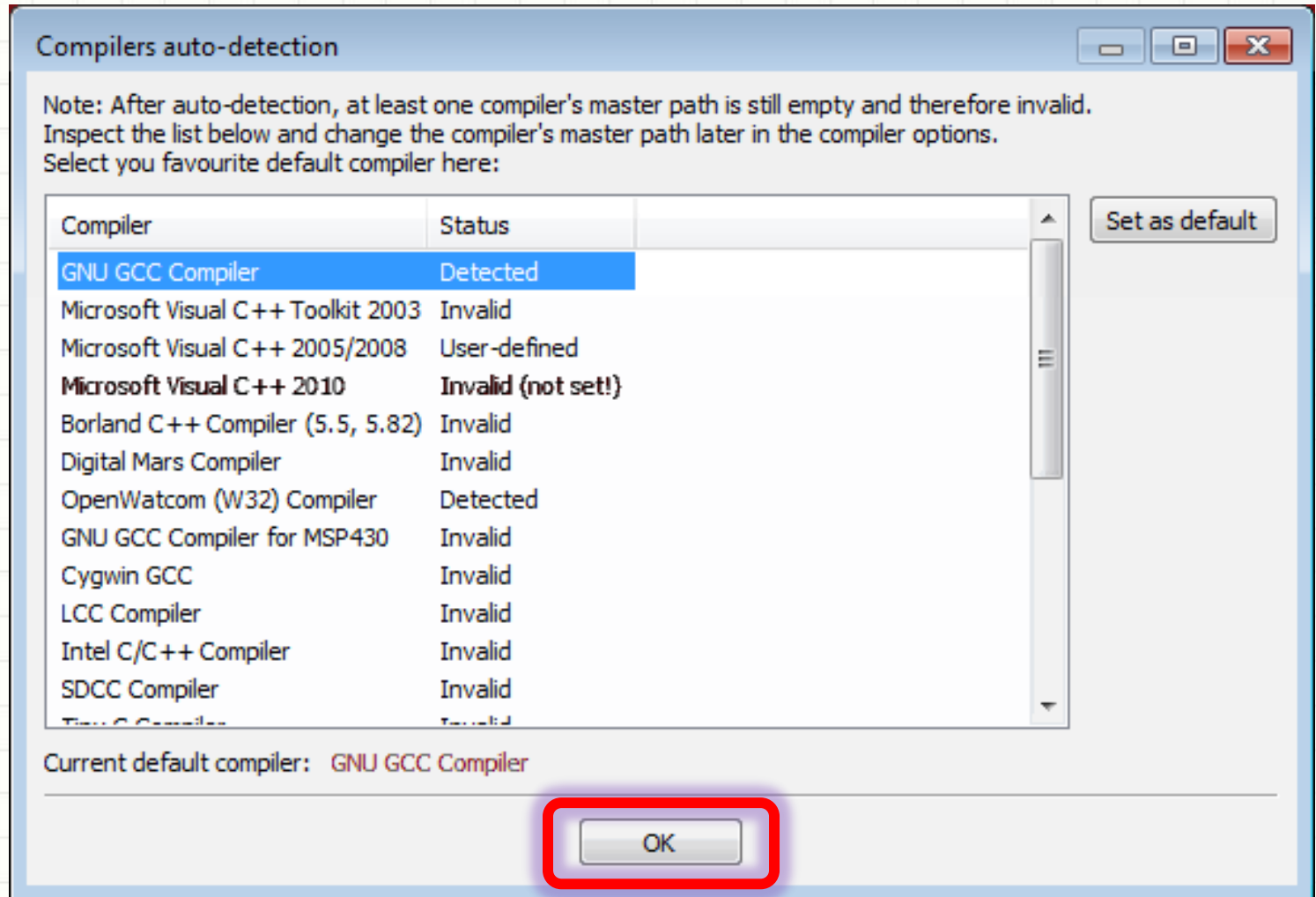
# Configurando o Code::Blocks

- Verifique a seleção “GNU GCC Compiler”



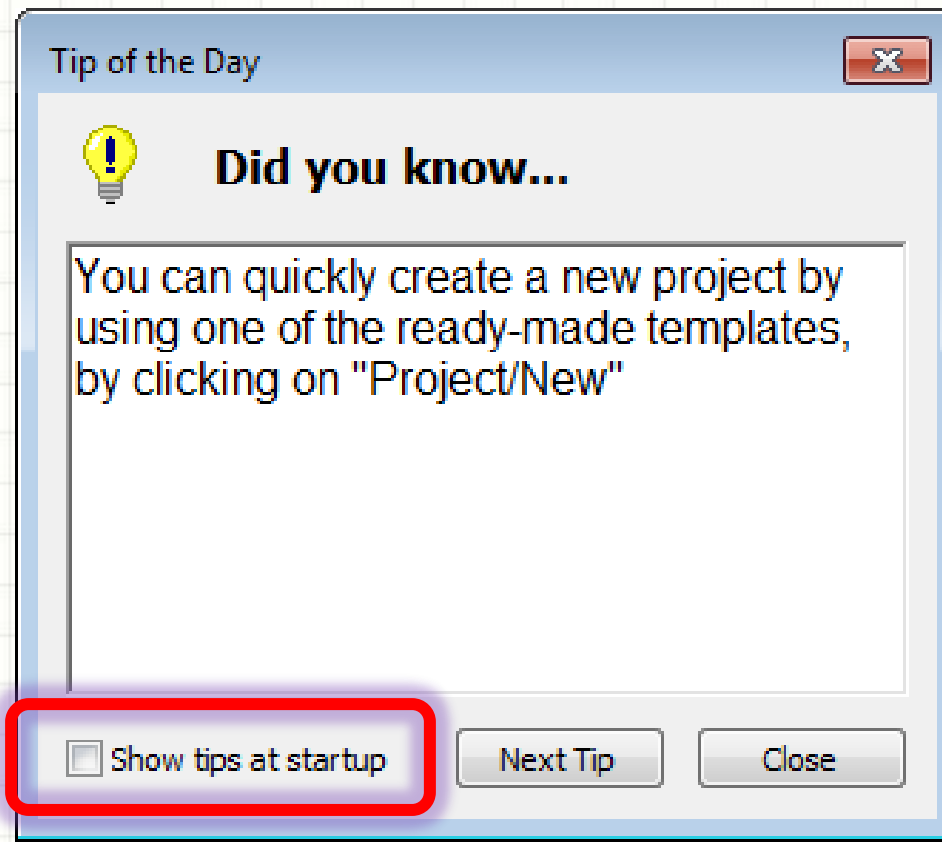
# Configurando o Code::Blocks

- E clique em “OK”



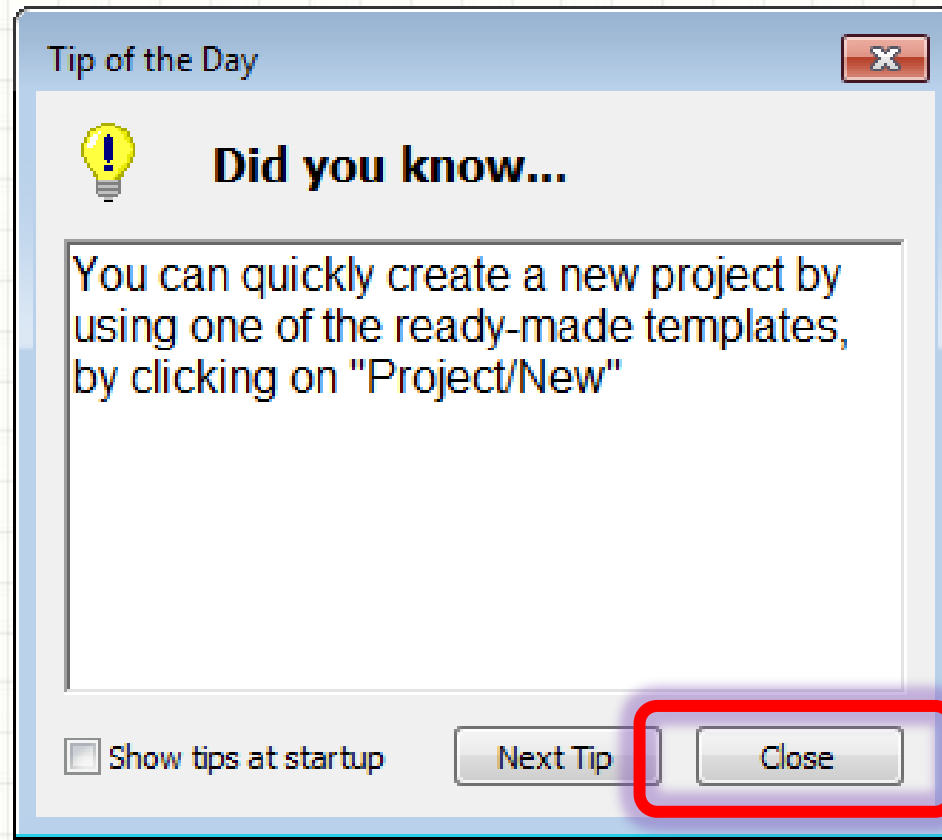
# Configurando o Code::Blocks

- A janela de “Dica do Dia” vai aparecer... Vamos fechá-la para sempre
- Desmarque a opção **“Show tips at startup”**



# Configurando o Code::Blocks

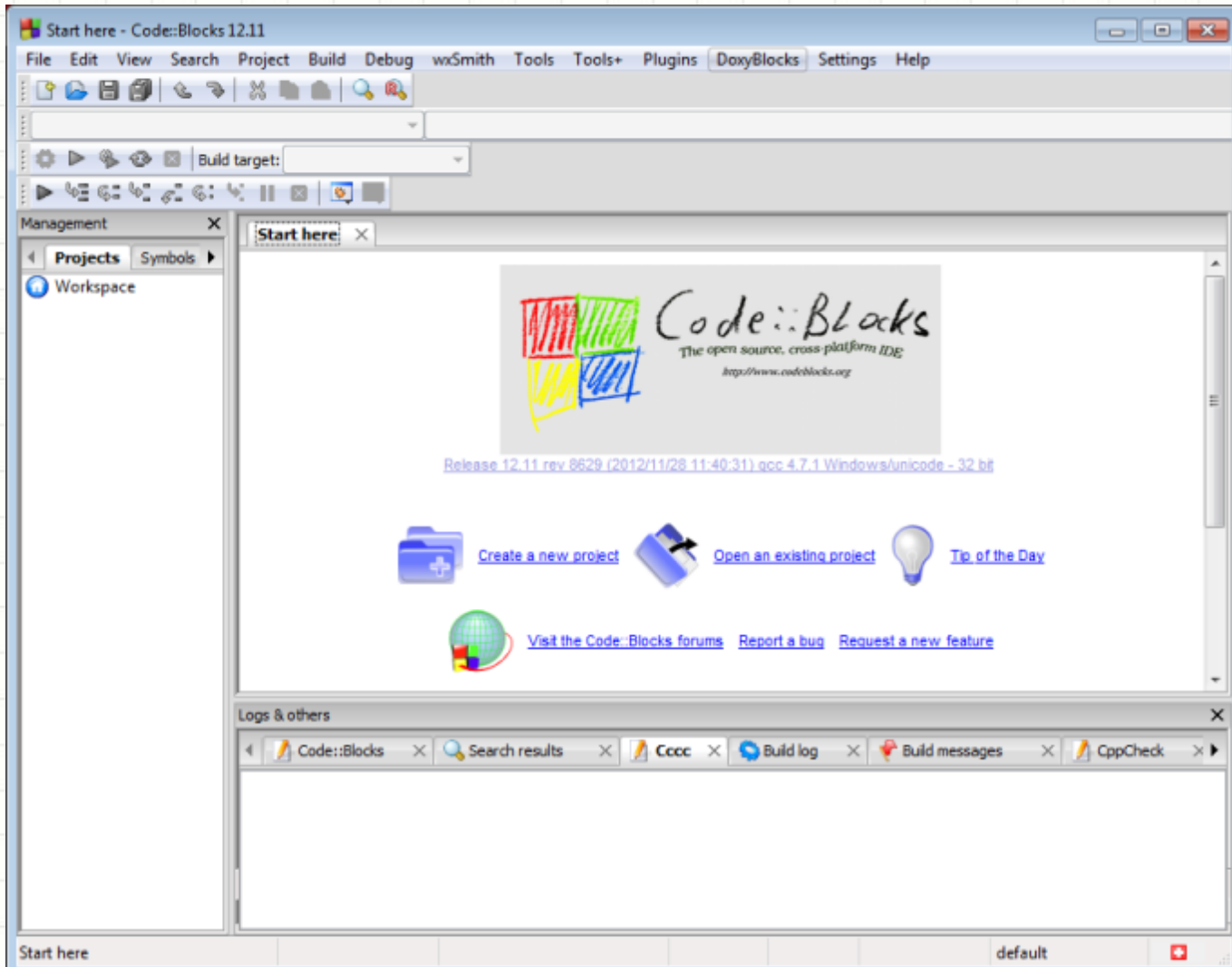
- A janela de “Dica do Dia” vai aparecer... Vamos fechá-la para sempre
- E depois clique em “**Close**”





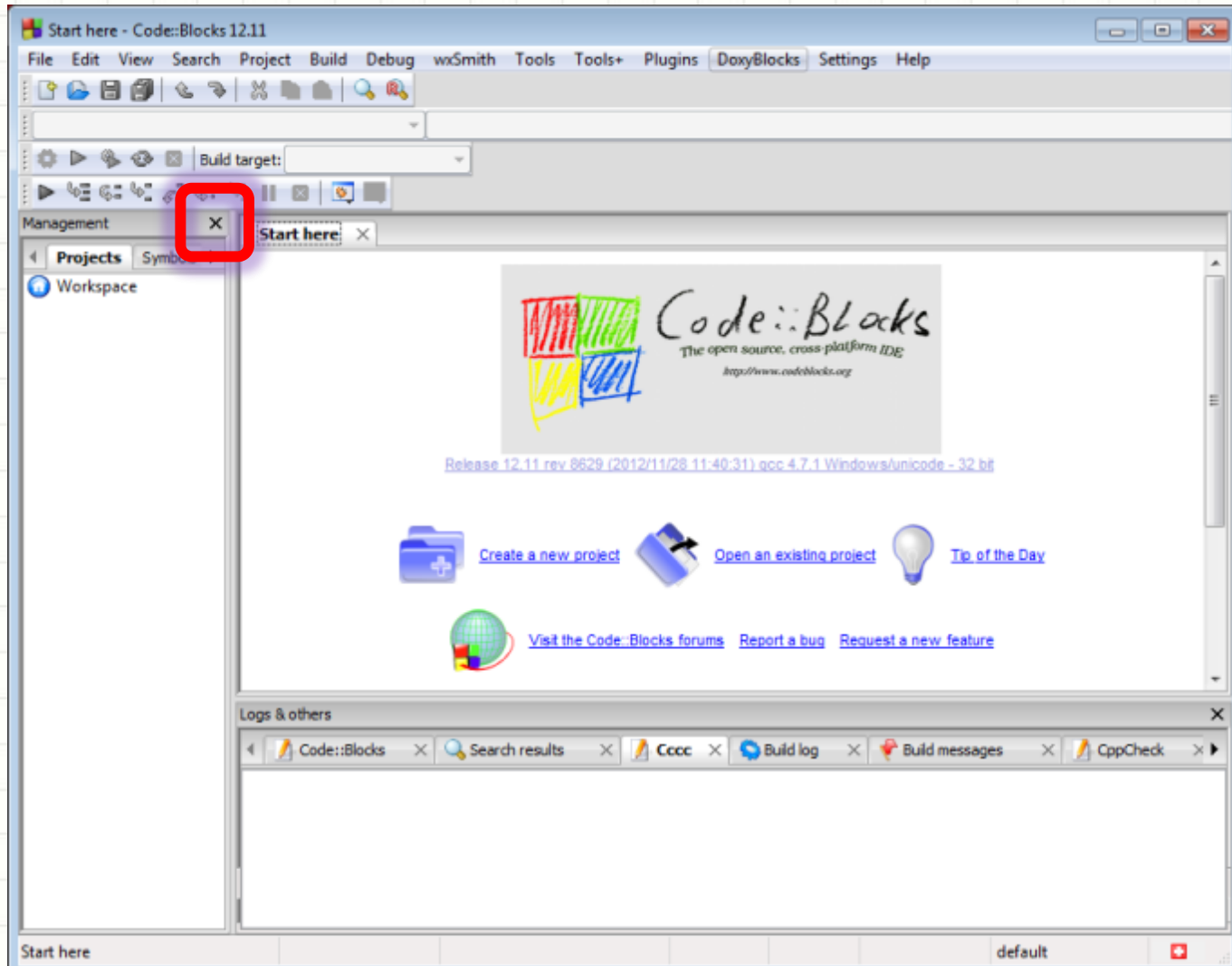
# Configurando o Code::Blocks

- Esta é a tela do Code::Blocks...



# Configurando o Code::Blocks

- Vamos fechar a área “Management”

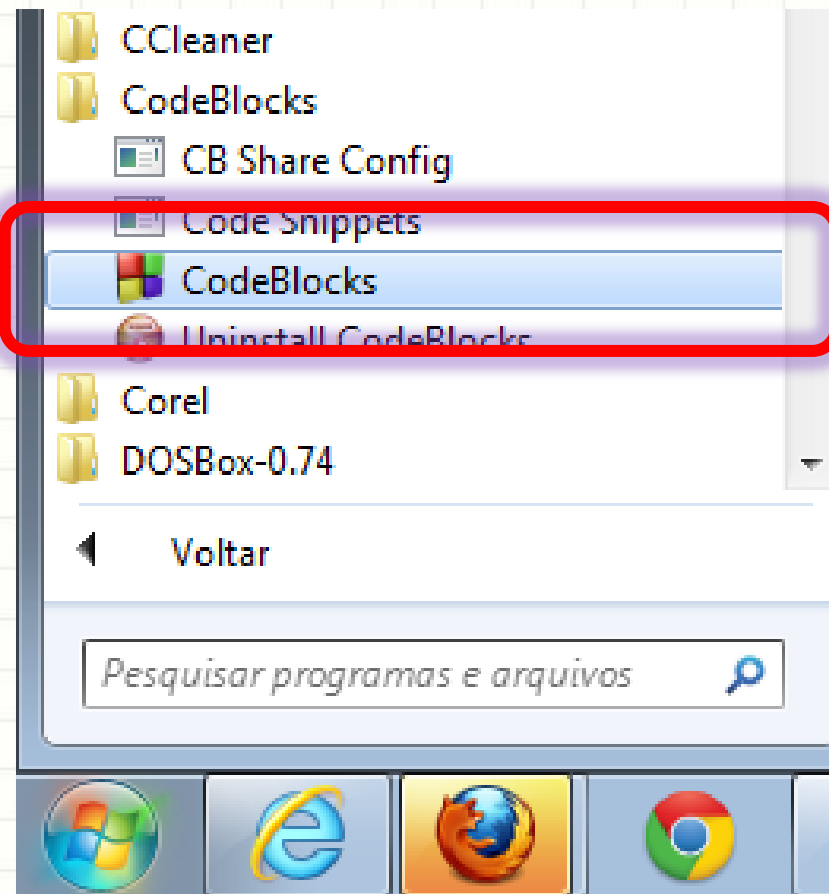




# **CRIANDO UM PROGRAMA**

# Criando um Programa

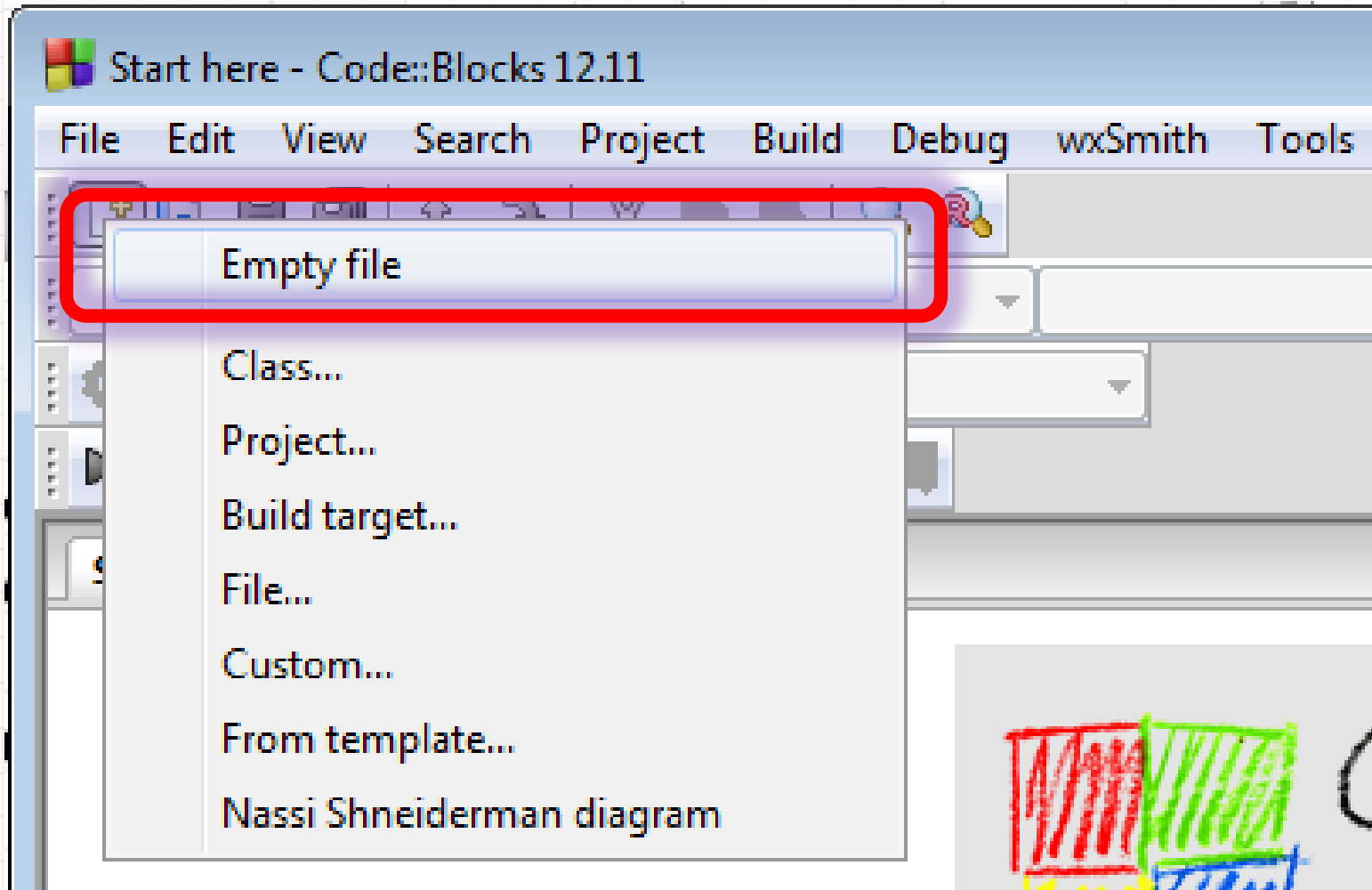
- Inicie “CodeBlocks”





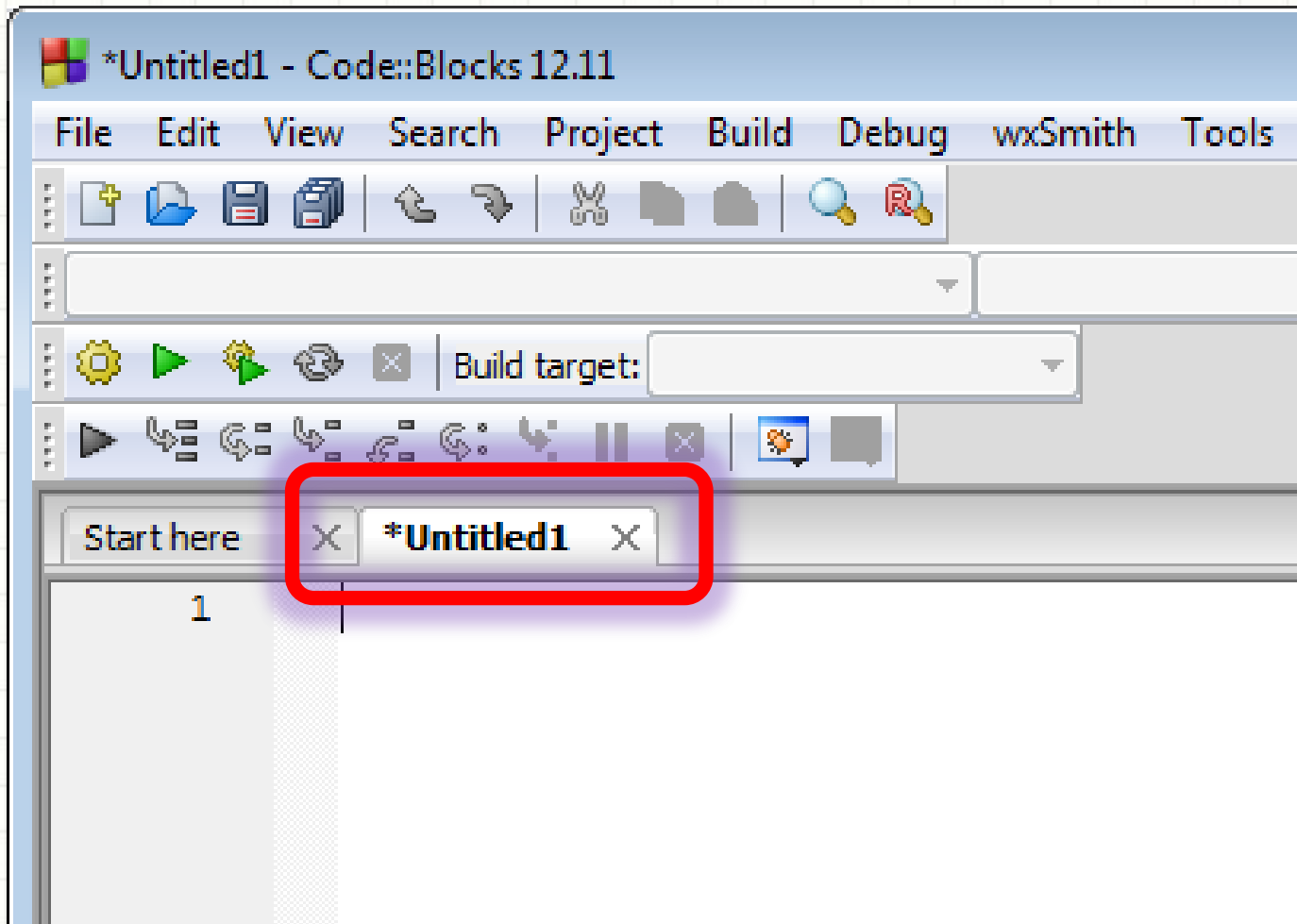
# Criando um Programa

- E, no menu, selecione **“Empty File”**



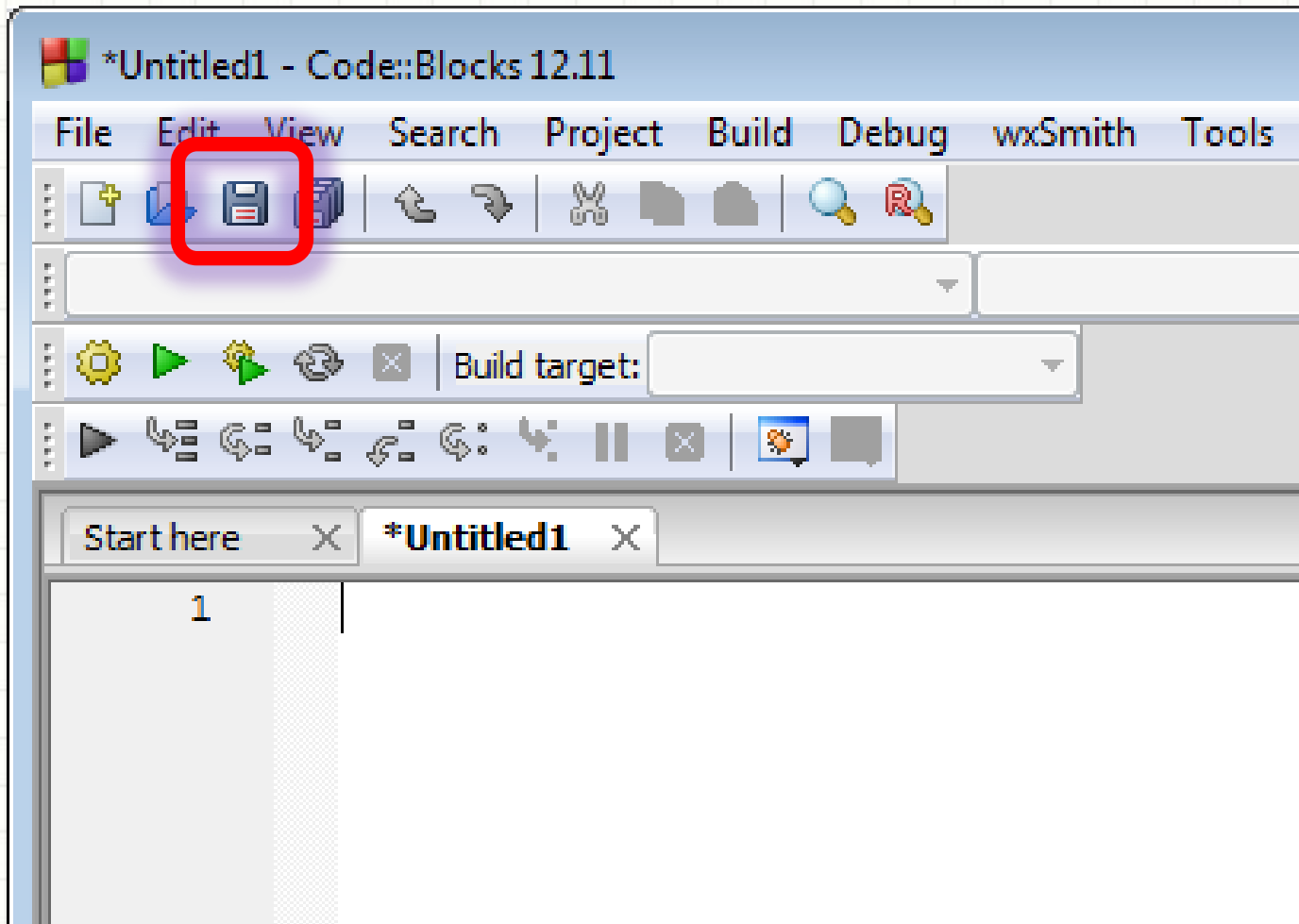
# Criando um Programa

- Um arquivo sem nome (**Untitled**) será criado



# Criando um Programa

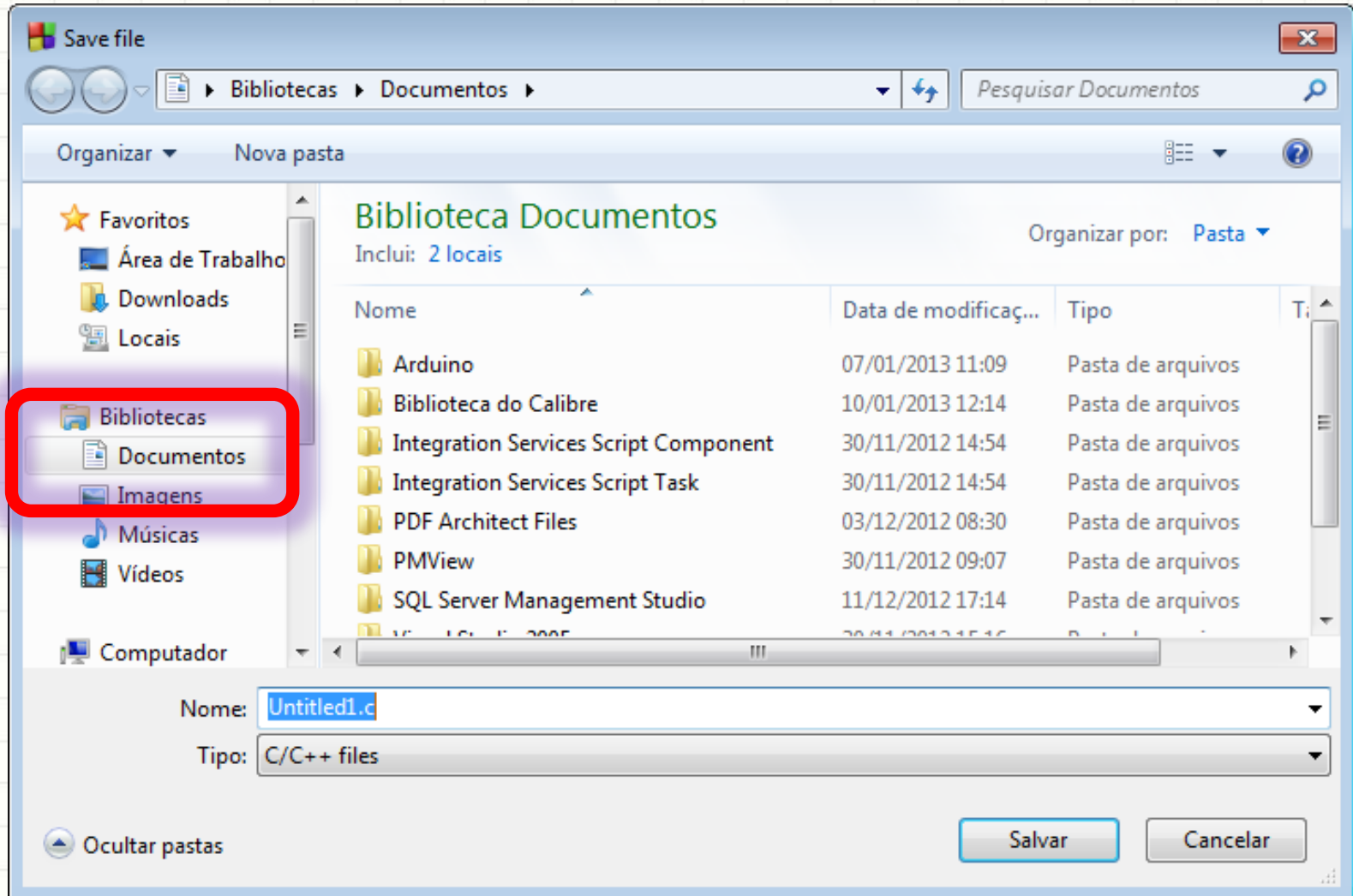
- Clique no disco para gravar e nomear o arquivo





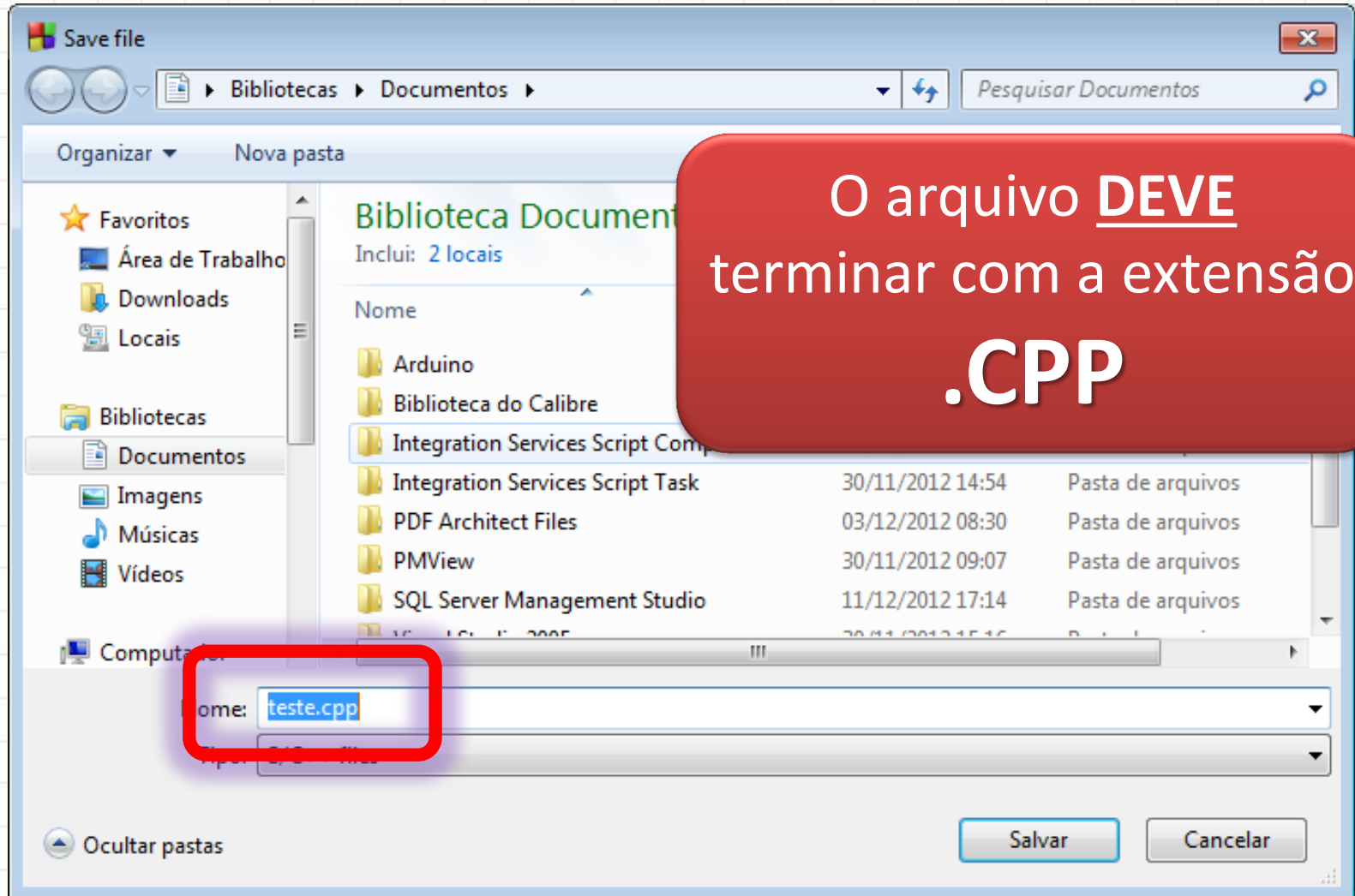
# Criando um Programa

- Escolha “Documentos” (ou “Área de Trabalho”)



# Criando um Programa

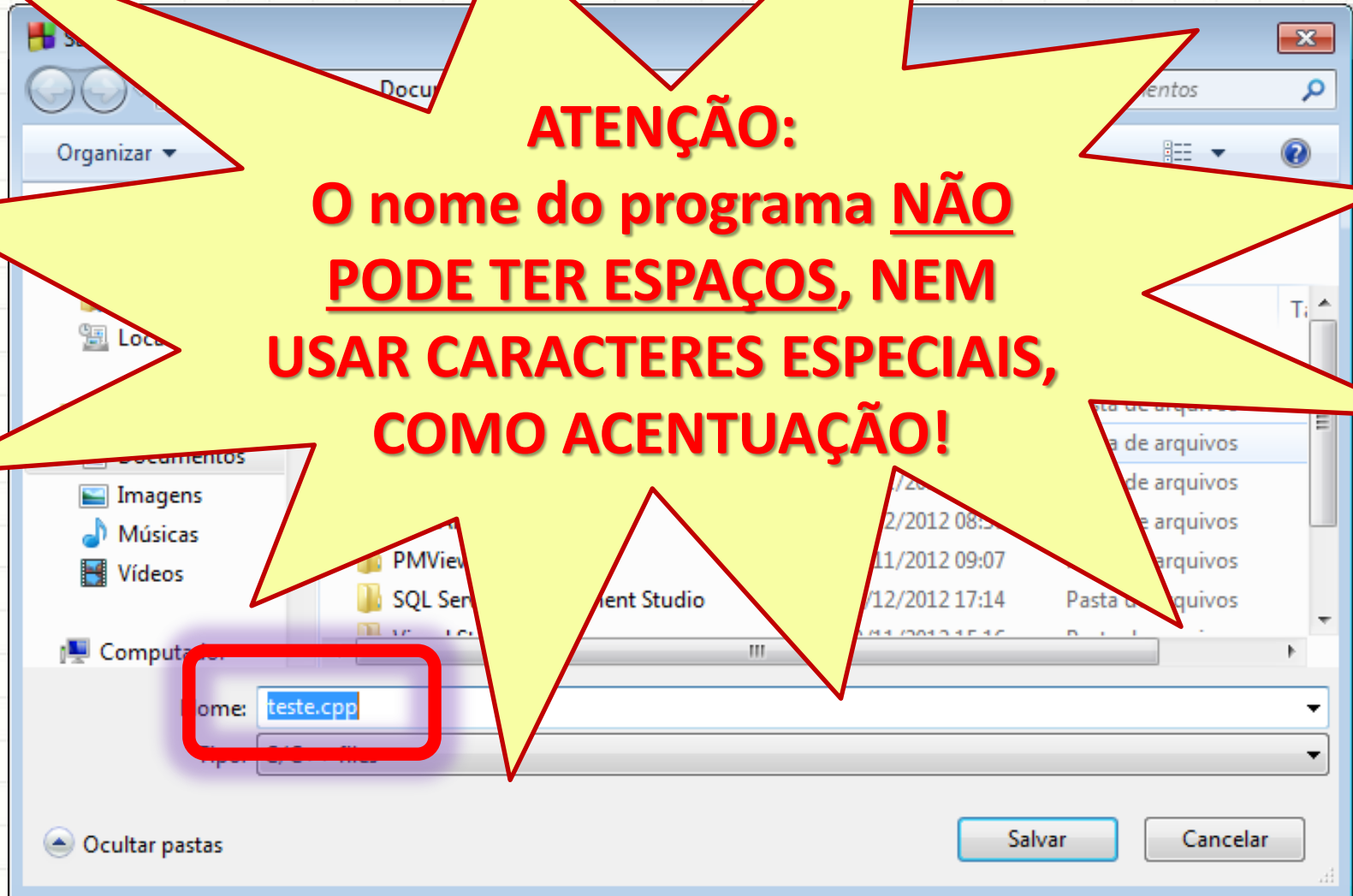
- E digite um nome, **teste.cpp** , por exemplo



# Criando um Programa

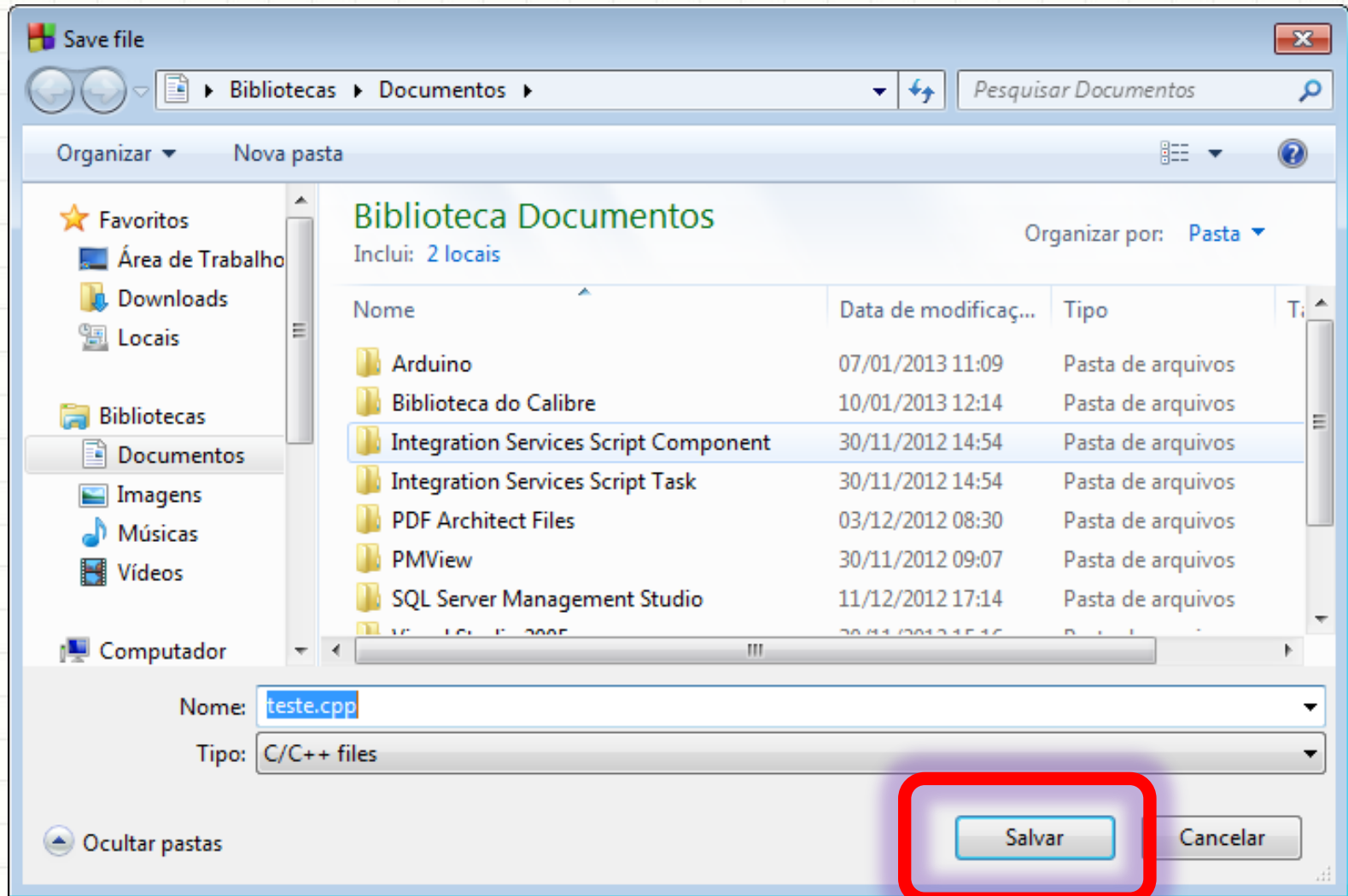
- E digite um nome, teste.cpp por exemplo

**ATENÇÃO:**  
**O nome do programa NÃO**  
**PODE TER ESPAÇOS, NEM**  
**USAR CARACTERES ESPECIAIS,**  
**COMO ACENTUAÇÃO!**



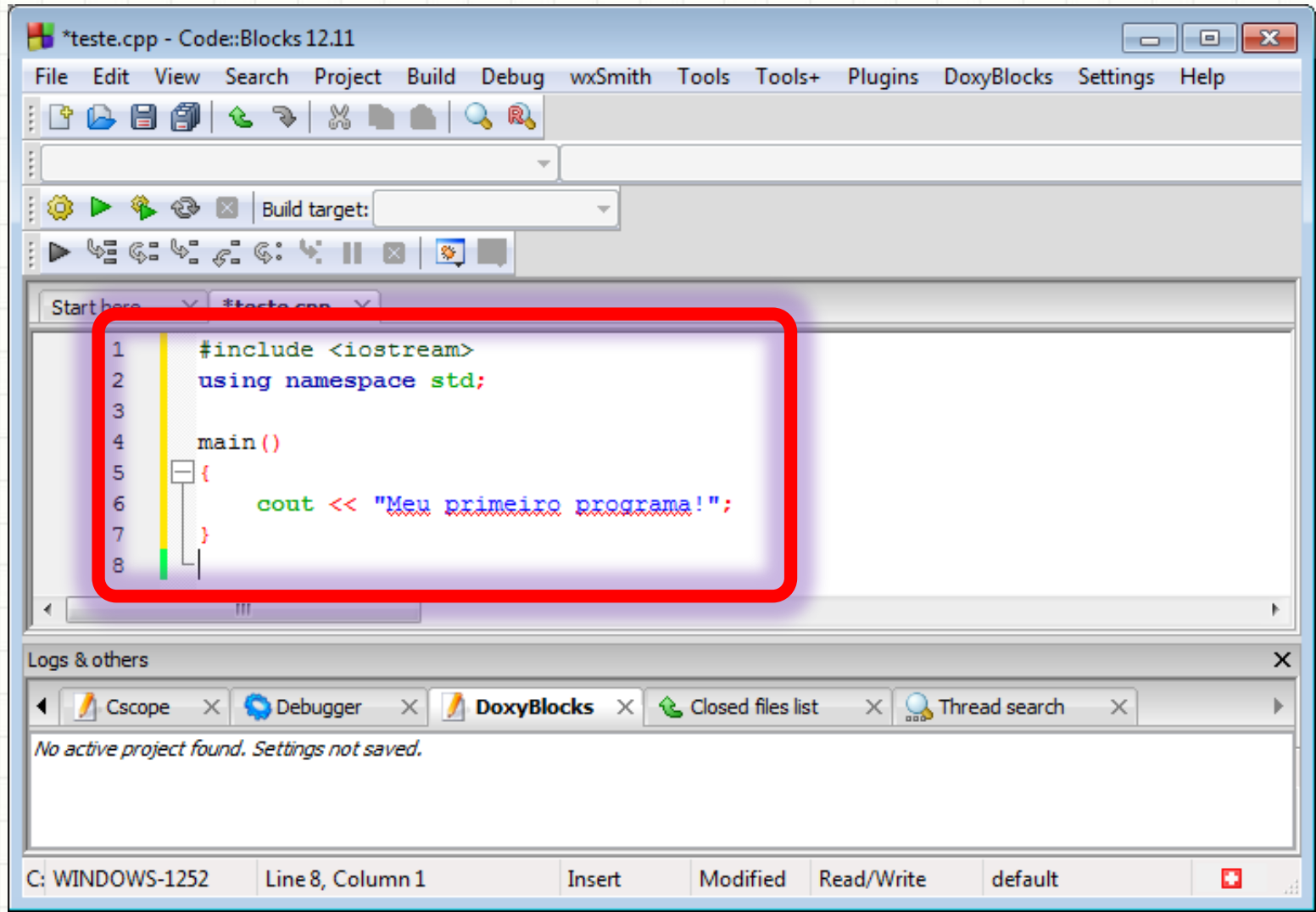
# Criando um Programa

- Agora, clique em “**Salvar**”



# Criando um Programa

- Agora, digite o programa a seguir...



```
1 #include <iostream>
2 using namespace std;
3
4 main()
5 {
6     cout << "Meu primeiro programa!";
7 }
8
```

Logs & others

Cscope × Debugger × DoxyBlocks × Closed files list × Thread search ×

No active project found. Settings not saved.

C: WINDOWS-1252 Line 8, Column 1 Insert Modified Read/Write default

# Criando um Programa

- Agora, digite o programa a seguir... (ZOOM)

```
#include <iostream>
using namespace std;

main()
{
    cout << "Meu primeiro programa!";
}
```

Logs & others

◀ Cscope × Debugger × DoxyBlocks × Closed files list × Thread search × ▶

*No active project found. Settings not saved.*

C: WINDOWS-1252

Line 8, Column 1

Insert

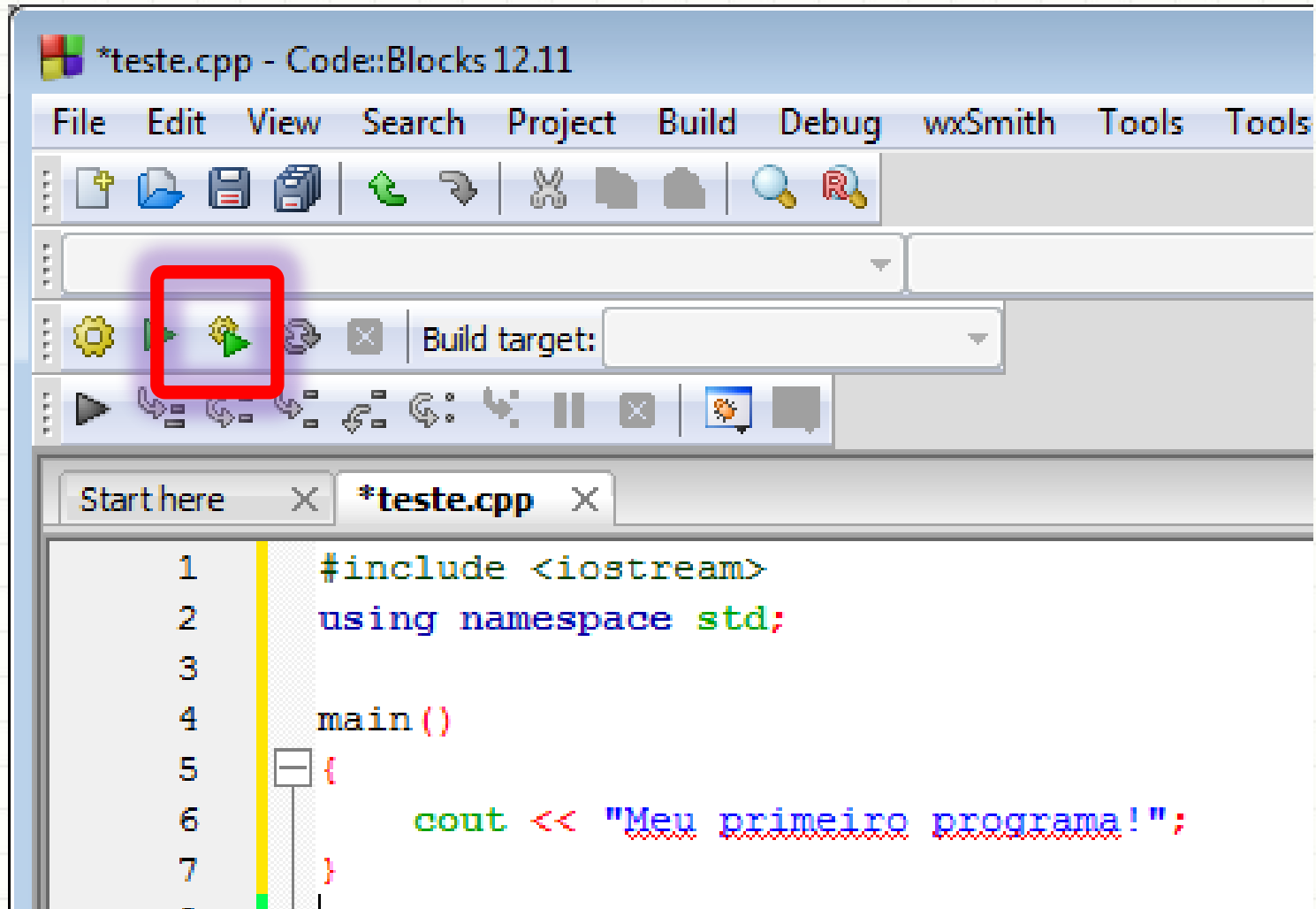
Modified

Read/Write

default

# Criando um Programa

- Clique no botão “Build and Run”



# Criando um Programa

- Se não houve nenhum erro no “Build Log”...

The screenshot shows a code editor window with a file named `teste.cpp`. The code is as follows:

```
1  #include <iostream>
2  using namespace std;
3
4  main()
5  {
6      cout << "Meu primeiro programa!";
7  }
```

Below the code editor is a "Logs & others" panel. The "Build log" tab is active and shows the following output:

```
Checking for existence: C:\Users\caetano\Documents\teste.exe
Executing: C:\Program Files (x86)\CodeBlocks/cb_console_runner.exe "C:\Users\caetano\Documents\teste.exe" (in
C:\Users\caetano\Documents)
```

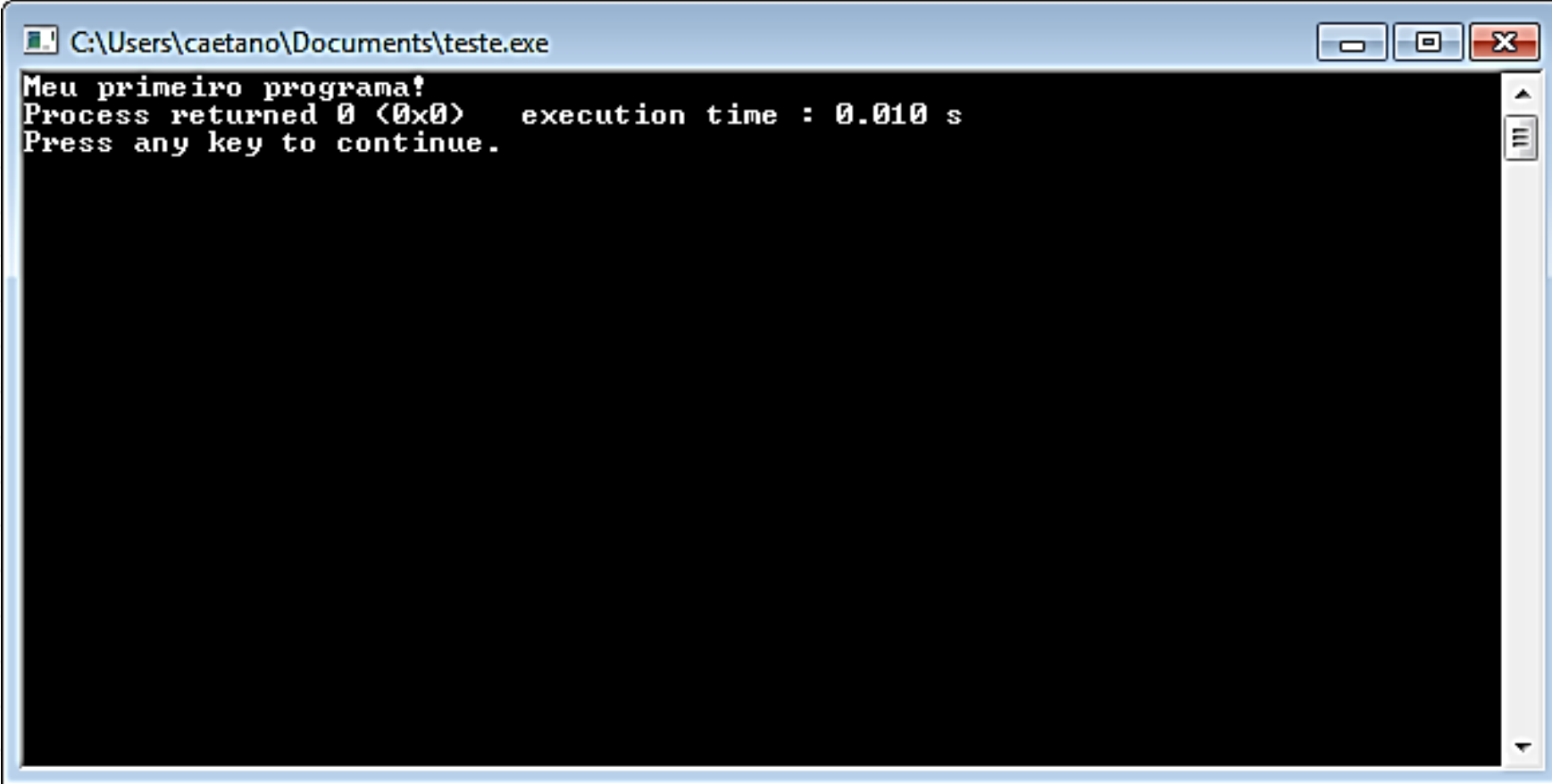
The "Build log" panel is highlighted with a red border, indicating a successful build without errors.

At the bottom of the window, the status bar shows the file path `C:\Users\caetano\Documents\teste.cpp`, the current position `Line 8, Column 1`, and the current mode `Insert`.



# Criando um Programa

- A tela com o resultado deve aparecer!

A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\caetano\Documents\teste.exe". The window contains the following text:

```
Meu primeiro programa!  
Process returned 0 (0x0)   execution time : 0.010 s  
Press any key to continue.
```

The text is displayed in a monospaced font on a black background. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

# Criando um Programa

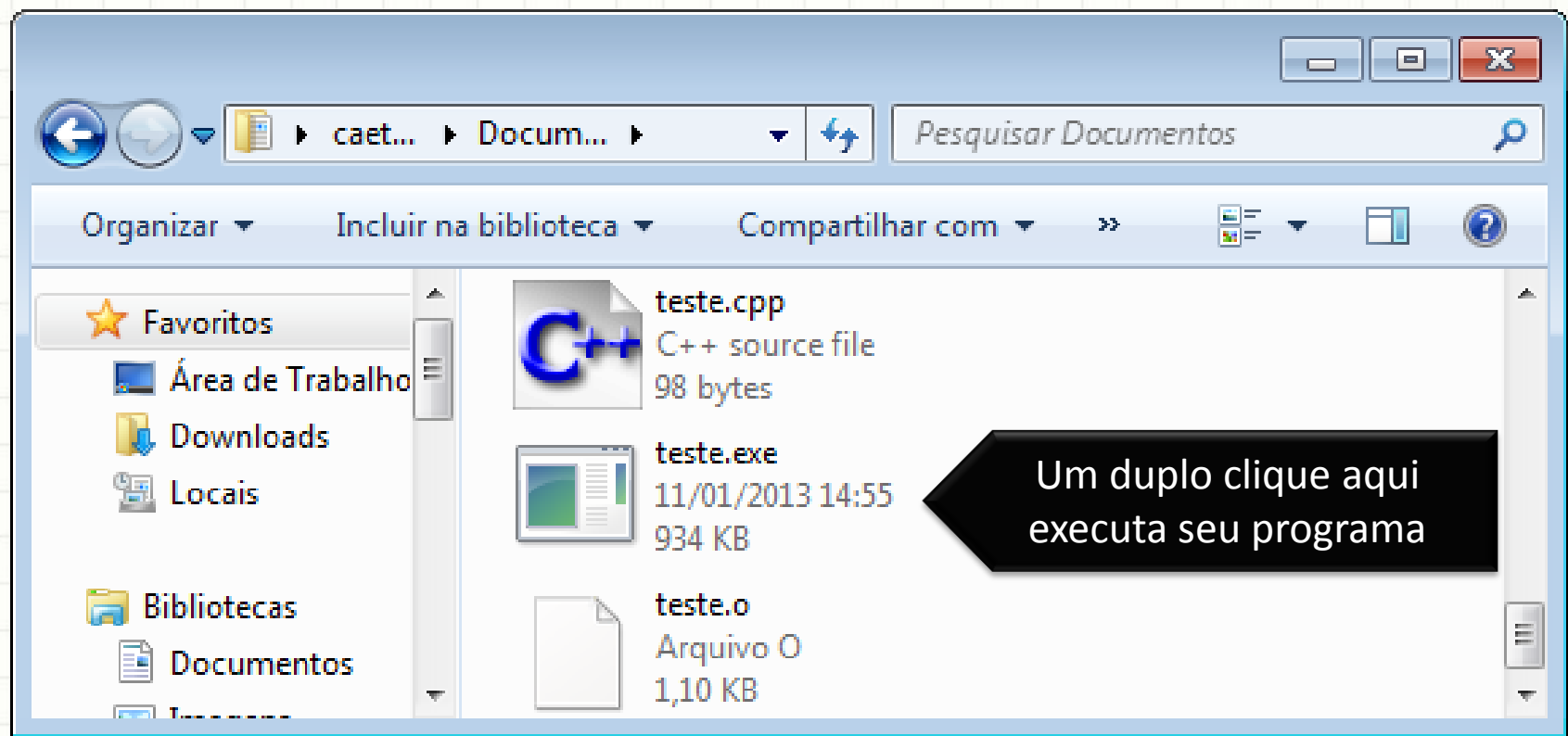
- Se estiver curioso para saber onde está o seu programa... Vá até a pasta meus documentos e abra!!



Document  
os

# Criando um Programa

- Observe os arquivos...



# Criando um Programa

- Observe os arquivos...

