



# Installazione Code::Blocks (Win, Mac OS e Linux)

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## Installazione Code::Blocks

- Chi dispone di un PC provi ad installare Code::Blocks autonomamente
- Nel caso non riuscisse a farlo verrà aiutato nel corso del primo laboratorio dai responsabile e dai tutor



# Scaricare Code::Blocks per Windows

The screenshot shows a web browser window with several tabs open. The address bar contains the URL [www.codeblocks.org](http://www.codeblocks.org), which is highlighted with a red box. The website header features the Code::Blocks logo (four colored squares: red, green, yellow, purple) and the text "Code::Blocks" in a large, bold font. To the right of the logo, the tagline "Code::Blocks - The IDE with all the features you need, having a consistent look, feel and operation across platforms." is visible. Below the header is a dark navigation bar with the following menu items: Home, Features, Downloads, Forums, and Wiki. The "Downloads" menu item is highlighted with a red box. The main content area has a heading "The open source, cross platform, free C, C++ and Fortran IDE" and a sub-heading "Code::Blocks is a free C, C++ and Fortran IDE built to meet the most demanding needs of its users. It is designed to be finally, an IDE with all the features you need, having a consistent look, feel and operation across platforms." Below this, there is a paragraph about the plugin framework: "Built around a plugin framework, Code::Blocks can be extended with plugins. Any kind of functionality can be added by plugins. Some functionality is already provided by plugins!" and another paragraph mentioning "Special credits go to damar for his great work on the FortranProject plugin, bundled since release 13.12." The footer of the page says "We hope you enjoy using Code::Blocks!" and "The Code::Blocks Team".

20+ Inbox | uaitcol | alexan | Alexan | 2016\_1 | Call for | SPARS | IEEE Xp | SPL co | Progra

← → ↻ ⓘ www.codeblocks.org

 **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**

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- User manual
- Licensing
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**Quick links**

- FAQ
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- Forums
- Forums (mobile)
- Nightlies
- Ticket

## The open source, cross platform, free C, C++ and Fortran IDE

Code::Blocks is a *free C, C++ and Fortran IDE* built to meet the most demanding needs of its users. It is designed to be finally, an IDE with all the features *you need*, having a consistent look, feel and operation across platforms.

Built around a plugin framework, Code::Blocks can be *extended with plugins*. Any kind of functionality can be added by plugins. Some functionality is already provided by plugins!

Special credits go to damar for his great work on the **FortranProject** plugin, bundled since release 13.12.

We hope you enjoy using Code::Blocks!

*The Code::Blocks Team*

## Code::Blocks 16.01 is here!



# Download the Binary Release

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www.codeblocks.org/downloads



# Code::Blocks

Code::Blocks - The IDE with all the features you need, having

Home | Features | Downloads | Forums | Wiki

## Main

- Home
- Features
- Screenshots
- Downloads
  - Binaries
  - Source
  - SVN
- Plugins
- User manual
- Licensing
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## Quick links

- FAQ
- Wiki
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## Downloads

There are different ways to download and install Code::Blocks on your computer:

- **Download the binary release**  
This is the easy way for installing Code::Blocks. Download the setup file, run it on your computer and Code::Blocks will be installed.
  - **Download a nightly build:** There are also more recent so-called *nightly builds* available in the **forums** or **forums** or **forums** usually follow provided by the community (Big "Thank you" for that!) Please note that we consider nightly builds as unstable.
- **Download the source code**  
If you feel comfortable building applications from source, then this is the recommend way to download Code::Blocks. It gives you the ability to update to newer versions or, even better, create patches for bugs you may find and contributing them back to the community.
- **Retrieve source code from SVN**  
This option is the most flexible of all but requires a little bit more work to setup. It gives you that much more flexibility to customize Code::Blocks to your needs and to benefit from bug-fixes!

Besides Code::Blocks itself, you can compile extra plugins from contributors to extend its functionality.



# Scegliete il Vostro OS

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www.codeblocks.org/downloads/26

## Code::Blocks

Code::Blocks - The IDE with all the features you need, having

- Home
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### Main

- Home
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### Quick links

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Please select a setup package depending on your platform:


- Windows XP / Vista / 7 / 8.x / 10
- Linux 32-bit
- Linux 64-bit
- Mac OS X

NOTE: For older OS'es use older releases. There are releases for many OS version and platforms on the [Sourceforge](#)

NOTE: There are also more recent *nightly builds* available in the [forums](#) or (for Debian and Fedora users) in [Jens' Deb](#)

NOTE: We have a [Changelog for 16.01](#), that gives you an overview over the enhancements and fixes we have put in t

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 **Windows XP / Vista / 7 / 8.x / 10:**

File	
codeblocks-16.01-setup.exe	28 Ja



## Download per Windows

Sono circa 100MB e contiene sia l'IDE (Integrated Development Environment) che il compilatore

Cliccare sul repository da cui scaricare (e.g. Sourceforge.net)



Windows XP / Vista / 7 / 8.x / 10:

File	Date	
codeblocks-16.01-setup.exe	28 Jan 2016	Sourceforge.net or
codeblocks-16.01-setup-nonadmin.exe	28 Jan 2016	Sourceforge.net or
codeblocks-16.01-nosetup.zip	28 Jan 2016	Sourceforge.net or
codeblocks-16.01mingw-setup.exe	28 Jan 2016	Sourceforge.net or
codeblocks-16.01mingw-nosetup.zip	28 Jan 2016	Sourceforge.net or
codeblocks-16.01mingw_fortran-setup.exe	28 Jan 2016	Sourceforge.net or

NOTE: The codeblocks-16.01-setup.exe file includes Code::Blocks with all plugins. The codeblocks-16.01-setup-nonadmin.exe file is provided for convenience to users

NOTE: The codeblocks-16.01mingw-setup.exe file includes *additionally* the GCC/C++ compiler and GDB debugger from TDM-GCC (version 4.9.2, 32 bit, SJLJ). The codeblocks-16.01mingw\_fortran-setup.exe file includes the GFortran compiler (TDM-GCC).

NOTE: The codeblocks-16.01(mingw)-nosetup.zip files are provided for convenience to users that are allergic against installers. However, it will not allow to select plugins and shortcuts. For the "installation" you are on your own.

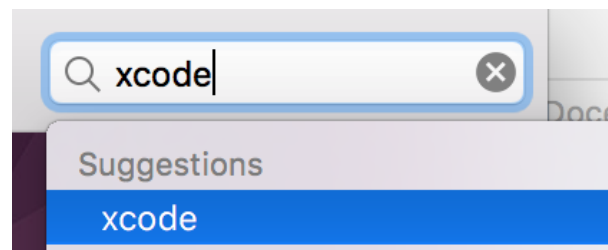
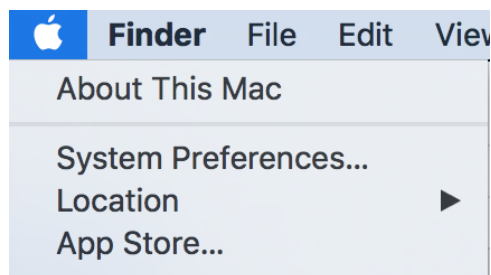
If unsure, please use codeblocks-16.01mingw-setup.exe!



## Prerequisiti MacOS: Installare Xcode

Prima di installare Code::Blocks, è necessario installare un prerequisito: Xcode

Andare sull'AppStore e scaricare Xcode



### Search Results for "xcode"



Xcode

Developer Tools

★★★★☆ 23 Ratings

Essentials

INSTALL ▾



## Prerequisiti: Installare Xcode (cnt)

Se non si vuole scaricare Xcode, si può in alternativa installare la Command Line Tools for Xcode:

1. Aprire il Terminale



2. Scrivere sul Terminale:

```
xcodeselect --install
```

3. Premere Invio e seguire le istruzioni di installazione





## Download per MacOS (10.15 Catalina)

- Per MacOS 10.15 occorre Code::Blocks 64 bit
- Una versione stabile è disponibile al seguente link:  
<https://sourceforge.net/projects/codeblocks/files/Binaries/17.12/Mac/>

The screenshot shows the SourceForge project page for Code::Blocks. The browser address bar displays the URL: <https://sourceforge.net/projects/codeblocks/files/Binaries/17.12/Mac/>. The page header includes the SourceForge logo and navigation links for Open Source Software, Business Software, Resources, and Menu. The main content area features the Code::Blocks logo and the text: "Code::Blocks A free C, C++ and Fortran IDE Brought to you by: killerbot, mandrav, mortenmacfly, thomas-denk". Below this, there are tabs for Summary, Files, Reviews, Support, SVN Repo, GIT Repo, Tickets, Wiki, and Donate. A green button labeled "Download Latest Version" is visible, with the file name "codeblocks-17.12\_OSX64.dmg (18.4 MB)" and a "Get Updates" button. A table lists the file details:

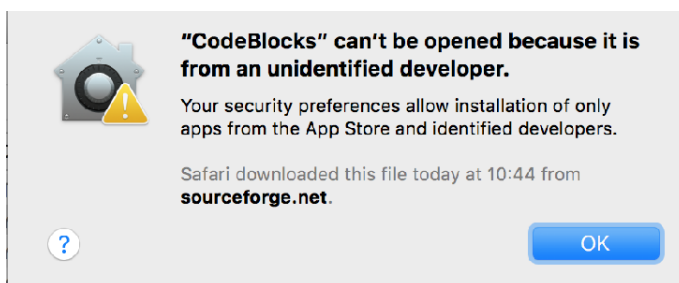
Name	Modified	Size	Downloads / Week
Parent folder			
<a href="#">codeblocks-17.12_OSX64.dmg</a>	2018-04-04	18.4 MB	1,092

- Scaricare il file segnalato e proseguire nell'installazione

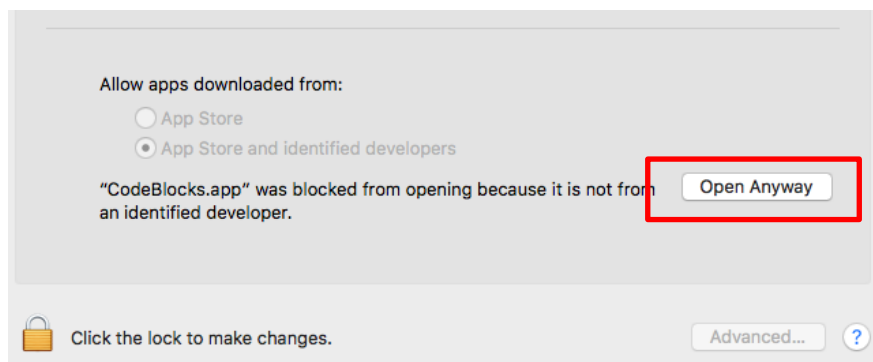


## Installazione per MacOS

- Scaricare lo zip e scompattarlo con doppio click
- Poiché l'eseguibile non è firmato digitalmente, apparirà:



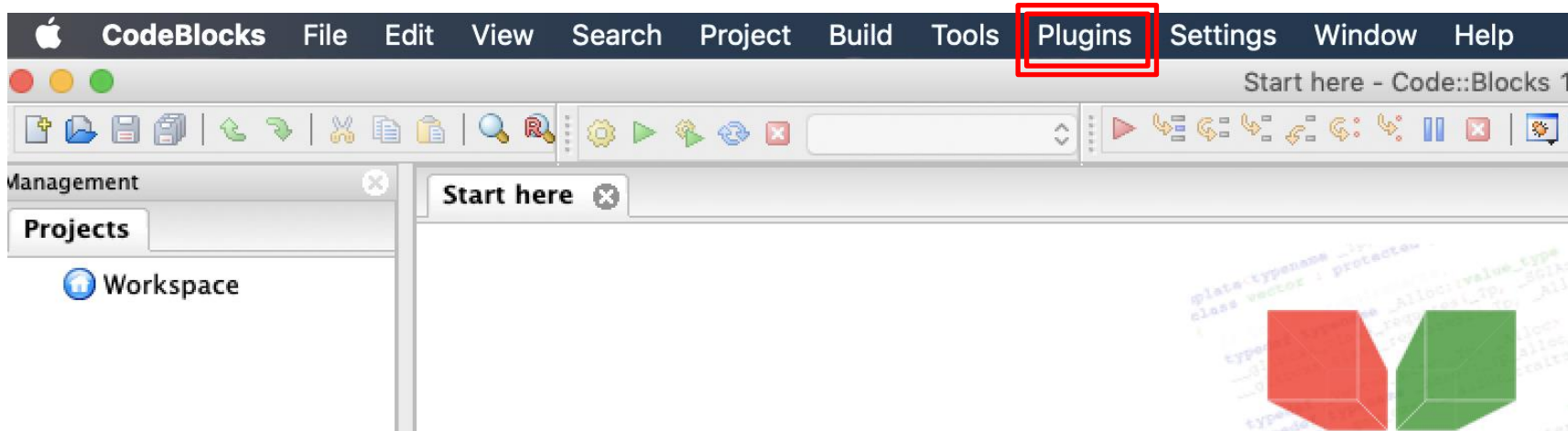
- Andare nelle preferences di MacOS sezione pannello Security e abilitarlo con «Open Anyway»





## Installazione per MacOS: disabilitare plugins

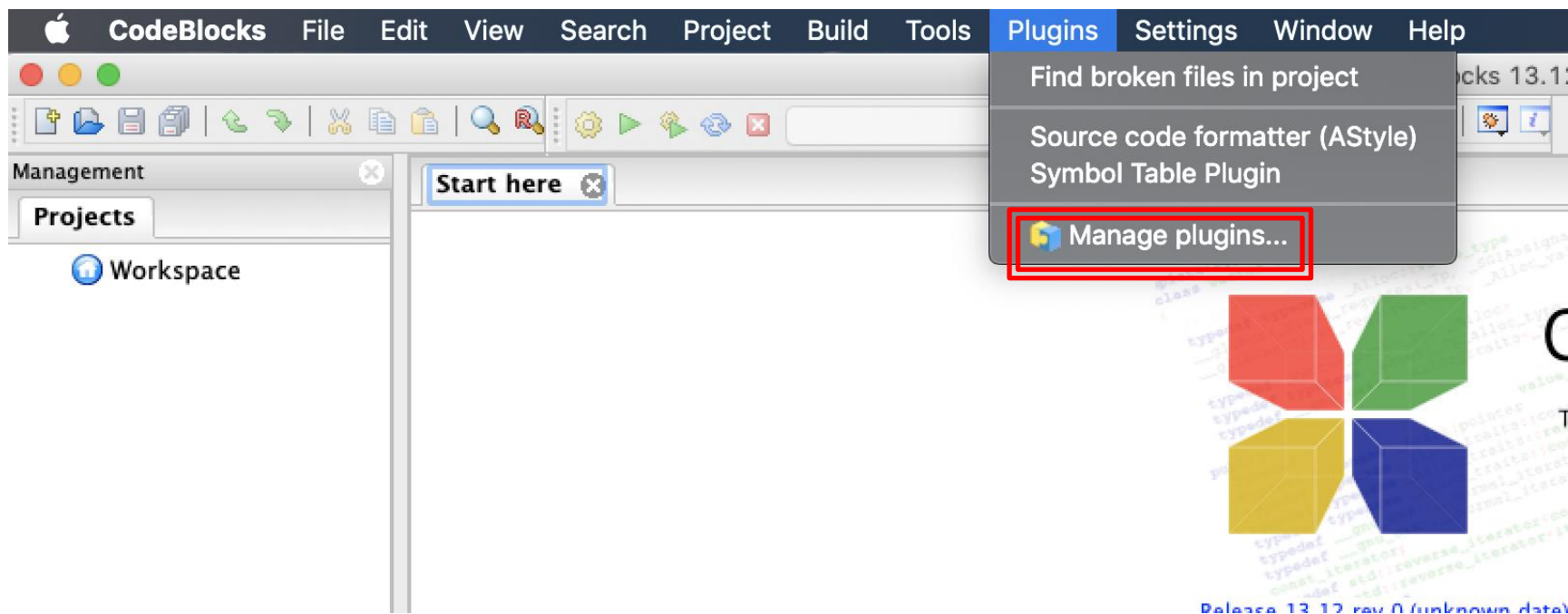
- La versione completa di CodeBlocks per MacOS potrebbe risultare instabile e incorrere in fastidiosi crash durante l'esecuzione
- Per risolvere questo problema è sufficiente disabilitare o disinstallare una serie di componenti aggiuntivi (plugins) non necessari per i fini del corso





## Installazione per MacOS: disabilitare plugins

- Aprire CodeBlocks ed accedere alla finestra di gestione dei plugins



Release 13.12 rev 0 (unknown data)



## Installazione per MacOS: disabilitare plugins

- Quindi disinstallare (Uninstall) o disabilitare (Disable) tutti i plugin **non presenti** in questa lista:

Manage plugins

Installed plugins:

Title	Version	Enabled	Filename
Symbol Table Plugin	1.0	Yes	libSymTab.dylib
Source code formatter (AStyle)	1.2	Yes	libastyle.dylib
<b>SmartIndentCpp</b>	<b>0.1</b>	<b>Yes</b>	<b>libSmartIndent</b>
Open files list	1.0	Yes	libopenfileslist.
Files extension handler	1.0	Yes	libdefaultmime
Compiler	0.99	Yes	libcompiler.dyli
BrowseTracker	1.2.99 2012/11/18	Yes	libBrowseTrack
Autosave	0.1	Yes	libautosave.dyl

Buttons: Enable, **Disable**, Install new, **Uninstall**, Export



## Installazione per Linux (Ubuntu, Debian e derivate)

- Aprire un terminale (ctrl+alt+t)
- Installare il compilatore scrivendo (verrà richiesta la password):

```
sudo apt-get install build-essential
```

(potrebbe essere già installato nella vostra distribuzione)

- Installare Code::Blocks scrivendo:

```
sudo apt-get install codeblocks
```

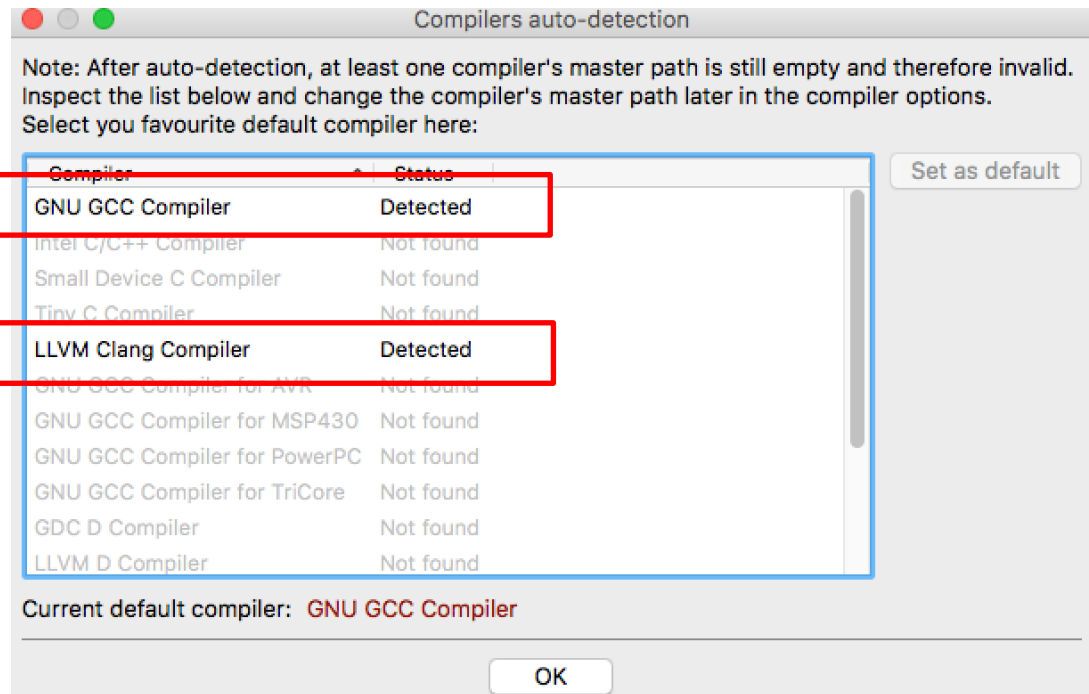


## Impostazione del Compilatore

- All'apertura di Code::Block, dovrebbe apparire

Per Windows e  
Linux

Per MacOS

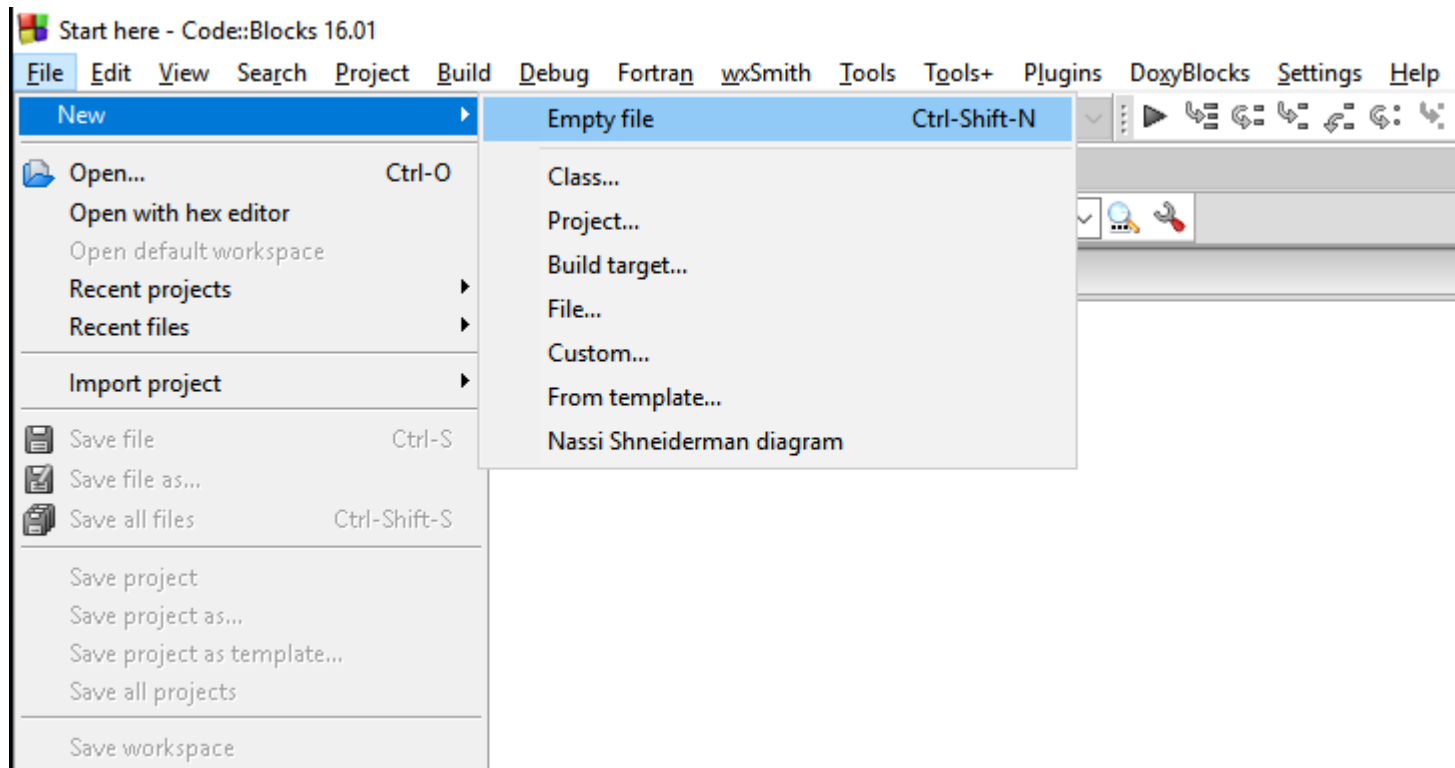


- Se non appare, andare nel menu: Settings->Compiler ed impostarlo manualmente



# Per Iniziare

Selezionare «empty file» dal menu File->New







## Per Iniziare

### Salvare il file con estensione .c e tipo C/C++ files

Save file

This PC > Desktop > lez2Live

Organize ▾ New folder

Name	Date modified	Type	Size
far2cel.c	05/10/2016 11:15	C source file	
hello.c	05/10/2016 10:41	C source file	

File name: helloWorld.c

Save as type: C/C++ files

Hide Folders

Save