## Fondamenti di Informatica

## Ingegneria Biomedica A.A. 2018/19

## Guida all'installazione di Code::Blocks su Windows (XP, Vista, 7, 8 e 10)

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Si prega di scrivere nell'oggetto della mail [FdI] (es. [FdI] Codeblocks non compila).

1. Scaricare dal sito di Code::Blocks (<u>http://codeblocks.org/downloads/26</u>) il file codeblocks-17.12mingw-setup.exe.

	Code::Blocks	Code∷Blocks - The IDI a consistent look, feel i	E with all the features you need, having and operation across platforms.
Home Feature	s Downloads Forums W	/iki	
Main	Please select a setup package depending on y	your platform:	
<ul> <li>Home</li> <li>Features</li> <li>Screenshots</li> <li>Downloads</li> <li>Binaries</li> <li>Source</li> <li>SVN</li> <li>Plugins</li> <li>User manual</li> <li>Licensing</li> <li>Donations</li> </ul> Quick links <ul> <li>FAQ</li> <li>Wiki</li> <li>Equips</li> </ul>	<ul> <li>Windows XP / Vista / 7 / 8.x / 10         <ul> <li>Linux 32 and 64-bit</li> <li>Mac OS X</li> </ul> </li> <li>NOTE: For older OS'es use older releases. Th Sourceforge.net page.</li> <li>NOTE: There are also more recent <i>nightly buil</i> Debian repository and Jens' Fedora reposit</li> <li>NOTE: We have a Changelog for 17.12, that the new release.</li> <li>Windows XP / Vista / 7 / 8.x / 10</li> </ul>	ere are releases for many OS versions of the second	on and platforms on the abian and Fedora users) in Jens' ightly builds to be <i>stable</i> , usually. ancements and fixes we have put in
<ul> <li>Forums</li> <li>Forums</li> </ul>	File	Date	Download from
(mobile) <ul> <li>Nightlies</li> </ul>	codeblocks-17.12-setup.exe	30 Dec 2017	Sourceforge.net
Ticket System     Browse SVN	codeblocks-17.12-setup-nonadmin.exe	30 Dec 2017	Sourceforge.net
Browse SVN	codeblocks-17.12-nosetup.zip	30 Dec 2017	Sourceforge.net
log	codeblocks-17.12mingw-setup.exe	30 Dec 2017	Sourceforge.net
GPLV 3	codeblocks-17.12mingw-nosetup.zip	30 Dec 2017	Sourceforge.net

2. Una volta scaricato il file, che avrà la dimensione di circa 18Mb, cliccarci due volte e iniziare con l'installazione.



3. Seguire le istruzioni come nelle figure.

Attenzione: segnarsi su un foglietto il percorso della cartella in cui verrà installato Code::Blocks. In questa guida per esempio la cartella ha percorso *C:\Program Files (x86)\CodeBlocks* 

Code::Blocks Installation	– 🗆 X	G Code::Blocks Installation
	Welcome to CodeBlocks Setup	License Agreement Please review the license terms before installing Codeblocks.
	Setup will guide you through the installation of CodeBlocks.	Press Page Down to see the rest of the agreement.
	It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.	GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007
	Click Next to continue.	Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
		Preamble
		The GNU General Public License is a free, copyleft license for software and other kinds of works.
		If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install CodeBlocks.
	Next > Cancel	< Back I Agree Cancel
Code::Blocks Installation	×	Channel Chann
	hoose Components Choose which features of CodeBlocks you want to install.	Choose Install Location Choose the folder in which to install CodeBlocks.
Check the components you wa install. Click Next to continue.	ant to install and uncheck the components you don't want to	Setup will install CodeBlocks in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Select the type of install: Or, select the optional	Full: All plugins, all tools, just everything	
components you wish to install:		
		Destination Folder
	···· ✓ C:: B Launcher	C:\Program Files (x86)\CodeBlocks Browse
Space required: 253.4 MB	Description Position your mouse over a component to see its description.	Space required: 253.4 MB Space available: 457.1 GB
Nullsoft Install System v3.02.1 —		Nullsoft Install System v3.02.1
	< Back Next > Cancel	< Back Install Cancel
Code::Blocks I	nstallation ×	G Code::Blocks Installation - 🗆 🗙
W coucherers i		Installation Complete
🛛 🥐 Do you	want to run Code::Blocks now?	Completed
		Output folder: C:\Program Files (x86)\CodeBlocks\MinGW\share\man\man7
		Extract: fsf-funding.7 100% Extract: gfdl.7 100%
	Sì No	Extract: gpl.7 100% Output folder: C: Program Files (x86)/CodeBlocks/WinGW
		Output folder: C: (Program Files (x86))CodeBlocks Created uninstaller: C: (Program Files (x86))CodeBlocks\uninstall.exe
🔿 Cadazbi I. I. I. I. I. I.		Output folder: C: \Users\Antonio \AppData\Roaming\Wicrosoft\Windows\Start Menu\P Create shortcut: C: \Users\Antonio \AppData\Roaming Microsoft\Windows\Start Menu
U Code::Blocks Installation	- 🗆 X	Completed v
	Completing CodeBlocks Setup	Nullsoft Install System v3.02.1
	CodeBlocks has been installed on your computer.	< Back Next > Cancel
	Click Finish to close Setup.	
	< Back Finish Cancel	

Arrivati a questo punto, Code::Blocks è stato installato correttamente sul PC. Tuttavia necessita di qualche passaggio di configurazione perché tutto possa funzionare.

4. Apriamo Code::Blocks. Al primo avvio di Code::Blocks usciranno delle finestre di richieste come in figura. Cliccare sui pulsanti come mostrato. Assicuratevi che in status su "GNU GCC Compiler" appaia "Detected".



5. Arrivati qui troviamo la schermata di Code::Blocks senza progetti. Clicchiamo sul menu "Settings". Ci troveremo una schermata con varie opzioni. La prima da aprire è



6. Cliccare sulle impostazioni cerchiate, e premere "OK".

Environment settings		×
	General settings	
	Show splash screen on start-up Allow only one running instance (will take place after restart) Dynamic Data Exchange (will take place after restart) Use an already running instance (if possible) Bring it on top afterwards	
General settings	✓ Check & set file associations (Windows only)       Set now       Manage         ✓ Check for externally modified files       Ignore invalid targets       Ignore invalid targets         On application start-up       Layout options       On project load         ④ Open default workspace       Save/restore project layout       ● Open files         ● Open rblank workspace       Save/restore editor layout       ● Open rblank workspace	
Notebooks appearance	Shell to run commands in:       /bin/sh -c         Terminal to launch console programs:	
Colours		

7. Andiamo di nuovo su "Settings"-> "Debugger..."



- 8. Cliccare sul "+" di "GDB/CDB debugger" e poi su "Default". Avremo la schermata come in figura.
- 9. A questo punto ci serve il percorso salvato durante l'installazione. Nel nostro caso era *C:\Program Files (x86)\CodeBlocks*

a questo percorso dobbiamo aggiungerci la parte \MinGW\gdb32\bin\gdb32.exe

Il percorso completo sarà quindi

C:\Program Files (x86)\CodeBlocks \MinGW\gdb32\bin\gdb32.exe

Questo percorso va inserito in "Executable path:". Una volta aggiunto, come in figura, cliccare su "OK".

Debugger settings		_		×		
GDB/CDB debug	ger : Default					
Common	Executable path: C:\Program Files (x86)\CodeBlocks\MinGW\gdb32\bin	\gdb32.	exe			
Default	Arguments:					
	Debugger Type					
	● GDB ○ CDB					
	Debugger initialization commands					
				~		
	These commands will be sent to the debugger on each session start					
	Watch function arguments					
	Watch local variables					
	Catch C++ exceptions					
	Evaluate expression under cursor					
	Do *not* run the debugee					
	Choose disassembly flavor (GDB only):					
	System default 🗸 🗸					
	OK	(	Can	cel		

10. FINE. Code::Blocks è configurato e funzionante sul vostro PC. (si spera...)

N.B. Anche qui, se qualcosa va storto, vi prego di scrivermi tramite email mettendo come oggetto "[Fdl] Problemi installazione codeblocks su Windows".

N.B.2 Una volta installato correttamente, la guida sull'utilizzo di Code::Blocks già presente sul sito è valida anche in questa situazione.