Configuração Netbeans (Windows)

Profa. Mirtha Lina Fernández Venero Prof. Paulo Henrique Pisani



fevereiro/2018

1) Criar projeto no NetBeans

- Arquivo -> Novo Projeto;
- Escolha Aplicação C/C++;
- Clique em "Próximo".

Etapas	Escolher Projeto		
 Escolher Projeto 	Q. Filtro: Endersities Categorias: Projetos: Java Projeto C/C++ com coolgos-nome exclusiones JavaFX Projeto C/C++ de Arquivos Binários Java Web Apicação C/C++ Java EE Biblioteca Dinâmica de C/C++ Java ME Incorporado Java Card Maven Biblioteca Estática de C/C++ Qt Projeto C/C++ Qt Biblioteca Estática de C/C++ Qt Soloteca Estática de C/C++ Qt Biblioteca Estática de C/C++ Qt		
	C/C++ Descrição: Esta funcionalidade ainda não está ativada. Pressione Próximo para ativá-la. Cria um novo projeto de aplicação. Usa um makefile gerado pelo IDE para construir o projeto. < Voltar Próximo > Einalizar Cancelar Ajuda		



2) Preencher dados do projeto

- Selecionar C !
- Coloquei um nome para o projeto (e.g. "Exercicio1");
- Clique em "Finalizar".

	lovo Aplicação C/C++			×
Etapas Nome e Localização do Projeto				
1.	Escolher Projeto Nome e Localização do	Nome do <u>P</u> rojeto:	TesteAEDI	
	Projeto	Localização do Projeto:	$\fbox{C:\Users\paulo.pisani\Documents\WetBeansProjects}$	Procurar
		Pasta do Projeto:	$aulo.pisani \verb Documents \verb WetBeansProjects \verb TesteAEDI \\$	
		Nome do Projeto Makefile:	Makefile	
		📝 Criar <u>A</u> rquivo Principal	main	<u>C</u>
		Host de B <u>u</u> ild:	localhost	
		<u>C</u> oleção de Ferramentas:	Default (MinGW (GNU MinGW)) 👻	
		< <u>V</u> olta	r Próximo > <u>F</u> inalizar Cancelar	Ajuda



3) Edite o arquivo "main.c"

- O arquivo "main.c" fica na árvore do painel à esquerda
- Clique duas vezes no item "main.c" para abrir.

TesteAEDI - NetBeans IDE 8.2				
<u>A</u> rquivo <u>E</u> ditar Exi <u>b</u> ir <u>N</u> avegar <u>C</u> ódigo-For				
🕆 🔁 🖴 🌗 🏓 🖉 Debug				
Pro % Arquivos Serviços Classes				
TesteAEDI				
🕀 👘 Arquivos de Cabeçalho				
Arquivos de Cósigo-Fonte				
main.c				
🕀 🖉 👔 Arquivos de Recurso				
🖶 📺 Arquivos de Teste				
🗄 🖓 🛱 Arquivos Importantes				



4) Adicionar uma linha para teste, compile e execute

- Adicione printf("Ola!");
- Clique em "Executar projeto (F6)".





5) Se ocorrer o seguinte erro...

 Será necessário reconfigurar o NetBeans, mais detalhes a seguir...



6) Instalar MinGW

- Acesse http://www.mingw.org/
- Clique em "Download Installer";

MinGW Minimulia Grower			
$\epsilon \rightarrow c$ () www.mingw.c	org	፼☆ 9	
	About Downloads Documentation	Recent posts Feed aggregator	
MinG Minima	W list GNU for Windows	\frown	
Search this site:	a	Download Installer	
Search Welcome to MinGW.org		Search mingw-users	
Administrative Update		Choose Mail List:	
As of June 2013 we are accepting donations. Please	MinGW , a contraction of "Minimalist GNU for Windows", is a minimalist development environment for native Microsoft Windows applications.	MinGW-users V	
see the Donate page for more information on how to	MinGW provides a complete Open Source programming tool set which is		
Donate.	suitable for the development of native MS-Windows applications, and which do	Recent File Releases	
	of DLLs provided by Microsoft themselves, as components of the operating	 /Installer/mingw- 	
User login	system; most notable among these is MSVCRT.DLL, the Microsoft C runtime	get/catalogue/msys-	
Login/Register	library. Additionally, threaded applications must ship with a freelypackage-list.xml.lzmadistributable thread support DLL, provided as part of MinGW itself)./MinGW/Base/mpfr/m		
Navigation	MinGW compilers provide access to the functionality of the Microsoft C mingw32-src.tar.xz		
	runtime and some language-specific runtimes. MinGW, being Minimalist, o /MinGW/Base/mpfr/mpfr-		



7) Seguir os passos da instalação do MinGW

W Installation Manager Setup Tool	Step 2: Download and Set Up MinGW Installation Manager	
mingw-get version 0.6.2-beta-20131004-1	Download Progress	
1	Catalogue update completed; please check 'Details' pane for errors. Processed 113 of 113 items : 100	0 %
Written by Keith Marshall		
Copyright © 2009-2013, MinGW.org Project		
http://mingw.org		
his is free software; see the product documentation or source code, for copying and edistribution conditions. There is NO WARRANTY; not even an implied WARRANTY OF MERCHANTABILITY, nor of FITNESS FOR ANY PARTICULAR PURPOSE. his tool will guide you through the first time setup of the MinGW Installation Manager ftware (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, ccording to your preference), when you wish to add or to remove components, or to upgrade your MinGW software installation.	mingw-get: *** INFO *** setup: unpacking mingw-get-setup-0.6.2-mingw32-beta mingw-get: *** INFO *** setup: updating installation database mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-201310 1-bin.tar.xz mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-201310 1-gui.tar.xz mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-201310 1-lic.tar.xz mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-201310 1-lic.tar.xz mingw-get: *** INFO *** setup: negister mingw-get-0.6.2-mingw32-beta-201310 1-lic.tar.xz	a-20 004 .004
View Licence Install Cancel	View Licence Continue Quit	



• Logo após a instalação, aparecerá a seguinte

janela:

stallation Package Se	ttings			Heli
asic Setup	Package	Class Installed Version	Repository Version	Description
II Packages	mingw-developer-tool	bin	2013072300	An MSYS Install
MinGW MinGW Base System	mingw32-autoconf	bin	10-1	Wrapper scripts
MinGW Libraries	mingw32-autoconf	lic	10-1	Wrapper scripts
MinGW Contributed	mingw32-autoconf2.1	bin	2.13-4	Automatic Confi
MinGW Autotools	mingw32-autoconf2.1	doc	2.13-4	Automatic Confi
MSYS	mingw32-autoconf2.1	lic	2.13-4	Automatic Confi
MSYS Base System	mingw32-autoconf2.5	bin	2.68-1	Automatic Confi
MinGW Developer 1	•			
MSYS System Build				

~



- No menu à esquerda, clique em "Basic Setup" e então selecionar "msys-base" para instalação ("Mark for installation");
- Clique em Installation -> Apply changes;
- Clique em "Apply" na janela a seguir:





• Ao final da instalaçã, clique em "Close".

Applying Scheduled Changes	-
All changes were applied successfully; you may now close this dialogue.	
Close dialogue automatically, when activity is complete.	Close
Details	
<pre>install: dos2unix-7.4.0-1-msys-1.0.19-bin.tar.lzma installing dos2unix-7.4.0-1-msys-1.0.19-bin.tar.lzma install: coreutils-5.97-3-msys-1.0.13-bin.tar.lzma installing coreutils-5.97-3-msys-1.0.13-bin.tar.lzma installing zlib-1.2.7-1-msys-1.0.17-dll.tar.lzma installing zlib-1.2.7-1-msys-1.0.17-dll.tar.lzma installing msysCORE-1.0.19-1-msys-1.0.19-bin.tar.xz installing msysCORE-1.0.19-1-msys-1.0.19-bin.tar.xz installing termcap-0.20050421_1-2-msys-1.0.13-bin.tar.lzma installing termcap-0.20050421_1-2-msys-1.0.13-bin.tar.lzma installing libregex-1.20090805-2-msys-1.0.13-dll-1.tar.lzma installing libregex-1.20090805-2-msys-1.0.13-dll-0.tar.lzma installing libregex-0.20050421_1-2-msys-1.0.13-dll-0.tar.lzma installing libregex-0.20050421_1-2-msys-1.0.13-dll-0.tar.lzma installing libregex-0.20050421_1-2-msys-1.0.13-dll-0.tar.lzma installing libremcap-0.20050421_1-2-msys-1.0.13-dll-0.tar.lzma installing libregex-0.20050421_1-2-msys-1.0.13-dll-0.tar.lzma installing libbz2-1.0.6-1-msys-1.0.17-dll-1.tar.lzma installing libbz2-1.0.6-1-msys-1.0.17-dll-1.tar.lzma installing msysCORE-1.0.19-1-msys-1.0.19-ext.tar.xz installing msysCORE-1.0.19-1-msys-1.0.19-ext.tar.xz installing bzip2-1.0.6-1-msys-1.0.17-bin.tar.lzma installing bzip2-1.0.6-1-msys-1.0.17-bin.tar.lzma installing bzip2-1.0.6-1-msys-1.0.18-bin.tar.xz installing bzip2-1.0.6-1-msys-1.0.18-bin.tar.xz installing bash-3.1.23-1-msys-1.0.18-bin.tar.xz installing bash-3.1.23-1-msys-1.0.18-bin.tar.xz installing bash-3.1.23-1-msys-1.0.18-bin.tar.xz installing msys-base-2013072300-msys-bin.meta</pre>	



• Agora, msys-base deve aparecer marcado em verde (indicando que está instalado).





12) Configurar NetBeans

- Volte ao NetBeans;
- No menu, clique em Ferramentas -> Opções;
- No campo "Comando Make" deve aparecer um caminho com MATLAB.

	Compilador <u>F</u> ortran:	C:\/MinGW\bin\g77.exe
	Montador	C: \MinGW\bin\as.exe
	Comando Make:	C:\Program Files\MATLAB\R2009a\bin\win64\gmake.exe
	Comando do Depugado	
	Comando <u>Q</u> Make:	
	Comando CMa <u>k</u> e:	
Adicionar		
Rem <u>o</u> ver Defa <u>u</u> lt		
Exportar		OK Aplicar Cancelar Ajuda



13) Configurar NetBeans

- Na aba "C/C++", clique em "Restaurar Defaults";
- Veja que agora o campo "Comando Make" aponta para o MinGW;
- Clique em "OK".

montador:	C: \MinGW\bin \as.exe
Comand <u>o</u> Make:	C:\/MinGW\/msys\1.0\bin\/make.exe
Comando do Depu <u>r</u> ado.	
Comando <u>O</u> Make:	
Comando CMa <u>k</u> e:	
	Versões Restaurar Defaults
	OK Aplicar Cancelar Ajuda
	Montagor: Comando Make: Comando do Depogodo- Comando QMake: Comando CMa <u>k</u> e:



14) Compile e execute o programa de teste



