How to Download and Install Eclipse

Step 1: Install Java JDK 8

- Go to Oracle website to download Java JDK 8
 - o https://www.oracle.com/java/technologies/javase-jdk8-downloads.html



• Scroll down and select the appropriate link for your Operating System

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	Products Resources Support Events Deve	
Linux xó4 RPM Package	108.06 MB	jdk-8u281-linux-x64.rpm
Linux xó4 Compressed Archive	137.06 MB	idk-8u281-linux-x64.tar.gz
macOS x64	205.26 MB	jdk-8u281-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	125.96 MB	idk-8u281-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	88.77 MB	idk-8u281-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	134.68 MB	idk-8u281-solaris-x64.tar.Z
Solaris x64	92.66 MB	ألك jdk-8u281-solaris-xó4.tar.gz
Windows x86	154.69 MB	idk-8u281-windows-i586.exe
• Windows x64	166.97 MB	t jdk-8u281-windows-xó4.exe

- You will need to create an account for Oracle, for the boxes you do not want to fill out, just put "na".
- After you download and run the java installer, you should see this



• Accept all defaults and keep clicking next until you see this screen, then click close

😹 Java SE Development Kit 8 Update 241 (64-bit) - Complete		
Java SE Development Kit 8 Update 241 (64-bit) Successfully Installed		
Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.		
Close		

Step 2: Installing Mingw

• Download MingW for windows:

https://sourceforge.net/projects/mingw/files/latest/download

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A native Windows port of the GNU Compiler Collection (GCC) Brought to you by: cstrauss, earnie, gressett, keithmarshall								
★★★★★ 179 Reviews Downloads: 2,387,307 This Week Last Update: 2018-0						018-07-13		
Get Updates Share This								
Windows								
Summary	Files	Reviews	Support	News	Wiki 🗹	Mailing Lists	Tickets 🔹	Git 🔹
This project is in	the process	of moving to osdr	n.net/projects/r	ningw, you c	an continue to fol	low us there.		

MinGW: A native Windows port of the GNU Compiler Collection (GCC), with freely distributable import libraries and header files for building native Windows applications; includes extensions to the MSVC runtime to support C99 functionality. All of MinGW's software will execute on the 64bit Windows platforms.

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Project Samples

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- After downloading, run the installer.
- This screen should come up, click install and accept defaults

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mingw-get v	version 0.6.3-pre-20170905-1
	3
Writ	tten by Keith Marshall
Copyright ©	2009-2013, MinGW.org Project
	http://mingw.org
This is free software; see the proc redistribution conditions. There is MERCHANTABILITY, nor o	duct documentation or source code, for copying and s NO WARRANTY; not even an implied WARRANTY OF f FITNESS FOR ANY PARTICULAR PURPOSE.
This tool will guide you through the software (mingw-get) on your comp install some other common co	e first time setup of the MinGW Installation Manager puter; additionally, it will offer you the opportunity to omponents of the MinGW software distribution.
After first time setup has been co Manager directly, (either the Cl according to your preference), wh upgrade you	mpleted, you should invoke the MinGW Installation LI mingw-get.exe variant, or its GUI counterpart, en you wish to add or to remove components, or to Ir MinGW software installation.
View Licence	Install Cancel

• Continue on until you reach this screen, mark each of these packages that have a green

ningw Installation Manager				- 0	Х
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	mingw32-base-bin	2013072200	2013072200	A Basic MinGW Installation	
	mingw32-gcc-ada-bin		9.2.0-2	The GNU Ada Compiler	
	mingw32-gcc-fortran-bin		9.2.0-2	The GNU FORTRAN Compiler	
	mingw32-gcc-g++-bin	9.2.0-2	9.2.0-2	The GNU C++ Compiler	
	mingw32-gcc-objc-bin		9.2.0-2	The GNU Objective-C Compiler	
	msys-base-bin	2013072300	2013072300	A Basic MSYS Installation (meta)	
	<				>
	General Description Dependencie	s Installed Files Ver	sions		
	No package selected. Please select a package from the li	st above, to view relate	d data.		

box shown here for install

• Once those four packages are marked for install, go to the top left corner and under

"Installation", click "Apply Changes".

• Continue on and let the packages download, once done select finish/close

Step 3: Installing Eclipse

- Go to https://www.eclipse.org/downloads/packages/release/oxygen/3a
- Click the following download button



- A zip folder with Eclipse Oxygen will download
- After it is downloaded, extract or unzip the content from the zipped file
- Navigate to eclipse.exe to run eclipse

Step 4: Set MingW as default compiler when creating new projects

• Go to Windows -> Preferences

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- In Preference window select C/C++ -> New C/C++ Project
- In the toolchain box select MinGW GCC
- Click button "Make toolchain(s) Preferred" and an arrow pointing MinGW GCC should appear

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	New C/C++ Project Wizard	
 General C/C++ Appearance Autotools Build Code Analysis Code Style Core Build Toolchains Debug Editor File Types Indexer Language Mappings New C/C++ Project Wizard Profiling Property Pages Settings Task Tags Template Default Values 	Settings will be applied to new projects created with t Preferred Toolchains Wizard Defaults Project type:	he C/C++ project creation wizards Toolchains: Cross GCC Cygwin GCC ▷ MinGW GCC
Help Install/Update Library Hover Mylyn Oomph Remote Development Remote Systems RPM Run/Debug Team	Preferred toolchain will be selected by default in Wi Preferred toolchain(s): MinGW GCC	izard Make toolchain(s) preferred Make toolchain(s) not preferred re supported on the platform Restore Defaults Apply

• Now when creating a new project, MinGW GCC should be selected for you