SMART DEVICE PROGRAMMING

6133

1.

INSTALL AND CONFIGURE ECLIPSE

Download the Eclipse Installer

Download Eclipse Installer from http://www.eclipse.org/downloads

2. Start the Eclipse Installer executable

For Windows users, after the Eclipse Installer executable has finished downloading it should be available in your download directory. Start the Eclipse Installer executable. You may get a security warning to run this file. If the Eclipse Foundation is the Publisher, you are good to select Run.



Open File - Security Warning



Do you want to run this file?



- Name:
 C:\Users\ian\Downloads\eclipse-installer-win64 (2).exe

 Publisher:
 Eclipse Foundation, Inc.

 Type:
 Application

 From:
 C:\Users\ian\Downloads\eclipse-installer-win64 (2).exe
 - From: C:\Users\ian\Downloads\eclipse-installer-win64 (2).exe



Cancel

Always ask before opening this file



While files from the Internet can be useful, this file type can potentially harm your computer. Only run software from publishers you trust. What's the risk?

3. Select the package to install

The new Eclipse Installer shows the packages available to Eclipse users. Select and click on the package you want to install.

eclipseinstaller by Comph

type filter text



Eclipse IDE for Java Developers

The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Mylyn, and Maven integration

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Eclipse IDE for Java EE Developers

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn, EGit and others.



Eclipse IDE for C/C++ Developers

An IDE for C/C++ developers with Mylyn integration.

Select your installation folder 4.

Specify the folder where you want Eclipse to be installed. Select the 'Install' button to begin the installation.

eclipseinstaller by Oomph



Eclipse IDE for Java Developers

The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Mylyn, and Maven integration.

Installation Folder

C:\Users\ian\java-mars3







LINSTALL

5. Launch Eclipse

Once the installation is complete you can now launch Eclipse.

eclipseinstaller by Comph



Eclipse IDE for Java Developers

The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Mylyn, and Maven integration.

Installation Folder





create start menu entry



LAUNCH

INSTALL AND CONFIGURE ANDROID STUDIO

Step 1: Download Android Studio

You can download Android Studio

from <u>developer.android.com</u> homepage and search for downloads.

Step 2: Run .exe file



🚈 Android Studio Setup



Welcome to Android Studio Setup

X

Setup will guide you through the installation of Android Studio.

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.

Click Next to continue.





Choose components

👞 Android Studio Setup



Choose Components

Choose which features of Android Studio you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select components to install:



Description

Position your mouse over a component to see its description. \times







✓ Accept license and agreement

🛋 Android Studio Setup



License Agreement

Please review the license terms before installing Android Studio.

×

Press Page Down to see the rest of the agreement.

To get started with the Android SDK, you must agree to the following terms and conditions.

This is the Android SDK License Agreement (the "License Agreement").

1. Introduction

1.1 The Android SDK (referred to in the License Agreement as the "SDK" and specifically including the Android system files, packaged APIs, and SDK library files and tools, if and when they are made available) is licensed to you subject to the terms of the License Agreement. The License Agreement forms a legally binding contract between you and

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Android Studio.





Set location of installation

🚈 Android Studio Se	tup	_		\times
2	Configuration Settings Install Locations			
Android Studio Ins The location spe Click Browse to	stallation Location ecified must have at least 500MB of free space. customize:			
C:\Program Fil	es\Android\Android Studio	Bro	owse	

Android SDK Installation Location	
The location specified must have at least 3.2GB of free space. Click Browse to customize:	
C:\Users\admin\AppData\Local\Android\sdk	Browse





- Choose start menu folder
- 🚈 Android Studio Setup



Choose Start Menu Folder

Choose a Start Menu folder for the Android Studio shortcuts.

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Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder.

Android Studio

Accessibility Accessories Administrative Tools	^
Accessories Administrative Tools	
Administrative Tools	
Android SDK Tools	
Android Studio	
Apache Tomcat 7.0 Tomcat7	
ArgoUML	
Chrome Apps	
EasyPHP DevServer 14.1 VC11	
Eclipse	
Evel a	\sim





Finish

🚈 Android Studio Setup



Completing Android Studio Setup

Android Studio has been installed on your computer. Click Finish to close Setup.

Start Android Studio

Android Studio





Cancel

 \times



Step 3 : Configure Android Studio

✓ Import settings

Complete Installation

×

You can import your settings from a previous version of Studio.

) I want to import my settings from a custom location

Specify config folder or installation home of the previous version of Studio:

I do not have a previous version of Studio or I do not want to import my settings





✓ Select theme

🗴 Select UI Theme



O Darcula



Next

Finish

Cancel

Previous



Download components

Downloading Components

Downloading Google Repository, revision 21

Android SDK was installed to C:\DevPrograms\Android\sdk

Installing Archives: Preparing to install archives



7



Next



Downloading Components

Android SDK was installed to C:\DevPrograms\Android\sdk

Installing Archives: Preparing to install archives Installing Google Repository, revision 21 Installed Google Repository, revision 21 Done. 1 package installed. Android SDK is up to date. Creating Android virtual device Android virtual device Nexus_5_API_23_x86 was successfully created



INSTALL ANDROID SDK

- 1. Open Android Studio.
- In the Welcome to Android Studio window, click on Configure > SDK Manager.
- 3. Under Appearance & Behavior > System Settings > Android SDK, you will see a list of SDK Platforms to choose from. Select the SDK(s) you wish to use and click OK button.
- 4. Android Studio will confirm your selection. Click **OK** button.
- 5. Click the Accept radio button and click the Next button.
- 6. Once the requested components have been installed, click **Finish** button.