Université Badji Mokhtar, Annaba Département d'informatique, Cous développement mobile

# Installation et configuration de l'environnement de développement

#### Android studio pour Windows

### Les outils nécessaires

• Il vous faut :

Jtilisateurs ▶ user ▶ Téléchargements ▶ Android ▶					
Partager avec 🔻 Graver Nouveau dossier					
Nom					
android-studio-bundle-141.2456560-windows.exe					
🚄 jdk-8u71-windows-i586.exe					
haxm-windows_v6_0_1.zip					

### Les outils nécessaires

 JDK : Android est un système d'exploitation basé sur la technologie Java.

C'est pour ça, avoir le JDK (java développement Kit) est nécessaire.

 IL faut dans ce cas avoir la version la plus récente par rapport à la version du Studio que vous souhaitez l'installer ex : android studio 1.4 nécessite l'utilisation du JDK 1.7 et sabri.ghazi@univ-annaba.dz

## Vérifier la version du java

 Pour savoir la version du java installée sur votre machine, lancez la

C:\Windows\system32\cmd.exe

Microsoft Windows [version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. Tous droits réservés.

C:\Users\user>java -version java version "1.8.0\_71" Java(TM) SE Runtime Environment (build 1.8.0\_71-b15) Java HotSpot(TM) Client VM (build 25.71-b15, mixed mode, sharing)

C:\Users\user>

ΣX

#### Si java n'est pas installée Il faut télécharger la version qui convient a votre système d'exploitation (linux, MacOS,

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www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads

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x86	154.75 MB	jdk-8u71-linux-i586.rpm
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Solaris SPARC 64-bit	99.05 MB	jdk-8u72-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	140.02 MB	jdk-8u72-solaris-x64.tar.Z
Solaris x64	96.18 MB	jdk-8u72-solaris-x64.tar.gz
Windows x86	181.75 MB	jdk-8u72-windows-i586.exe
Windows x64	187.03 MB	jdk-8u72-windows-x64.exe
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😸 Java SE Development Kit 8 Update 71 - Setup



Welcome to the Installation Wizard for Java SE Development Kit 8 Update 71

This wizard will guide you through the installation process for the Java SE Development Kit 8 Update 71.

The Java Mission Control profiling and diagnostics tools suite is now available as part of the JDK.

OURS	déve	lopp	ement	mobile,
		-		

Next >

Cancel

<del>I ghazi@univ-annab</del>i

Java SE Development Kit 8 Update 71 - Custom Setup				
Select optional features to install from the list below. You car installation by using the Add/Remove Programs utility in the C	n change your choice of features after Control Panel			
Development Tools Source Code Public JRE	Feature Description Java SE Development Kit 8 Update 71, including the JavaFX SDK, a private JRE, and the Java Mission Control tools suite. This will require 180MB on your hard drive.			
Install to: D:\JDK 1.8\	<u>C</u> hange			
COURS déve <mark>bue</mark> re sabr <del>i.ghazi@univ-ar</del>	t moluilat > Cancel			



B Java SE Development Kit 8 Update 71 - Complete	x
Java"	
Java SE Development Kit 8 Update 71 Successfully Installed	
Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.	
<u>N</u> ext Steps	
COURS développement m <mark>obile<sub>Close</sub> sabri.ghazi@univ-annaba.dz</mark>	

 Au départ il suffit de lancer le programme d'installation:



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#### 🚳 Android Studio Setup



#### Welcome to Android Studio Setup

х

Cancel

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.

Next >

Click Next to continue.

COURS développement mobile

< Back

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 Le programme d'Installation vous demandera de sélectionner le répertoire où se trouve le JDK. Si le JDK est installé il

sera le détec

🚈 An	droid Studio Setup	
1	Verifying your system meets the minimum System Check	requirements
Webro	e could not detect a Java Development Kit (JDK) v7 or newer on your syst wwse to its path if known:	em. Please
		Browse
a	r download the following compatible JDK: jdk-7u67-windows-i586, exe nd press 'Next' after installation is complete.	
	OURS développement mobile, <b><u>Back Next &gt;</u></b> sabri.ghazi@univ-annaba.dz	Cancel

Android Studio Setup				
	Verifying your system meets the minimu System Check	m requirements		
We could not detect a Jar browse to its path if know	va Development Kit (JDK) v7 or newer on your sy vn:	/stem. Please		
C:\Program Files\Java\jr	re7	Browse		
C:\Program Files\Java\jre7 Browse or download the following compatible JDK: jdk-7u67-windows-i586.exe and press 'Next' after installation is complete.				
	< <u>B</u> ack <u>N</u> ext >	Cancel		

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#### Installation d'Android Studio Après, l'Installer vous demandera de sélectionner les répertoires dans lesquels Le SDK et STUDIO vont être installés

-	Android Studio Setup	
	Configuration Settings Install Locations	
	Android Studio Installation Location	
	The location specified must have at least 500MB of free space. Click Browse to customize:	
	D:\ANDROID\STUDIO	Browse
	Android SDK Installation Location The location specified must have at least 3.2GB of free space. Click Browse to customize:	
	D: \ANDROID \SDK	Browse
	COURS développement mobile, < <u>B</u> ack <u>N</u> ext sabri.ghazi@univ-annaba.dz	: > Cancel

🚈 Android Studio Set	ıp		
	<b>Installing</b> Please wait w	hile Android Studio is bei	ing installed.
Extract: formatter.py	,		
Extract: dircache.pr Extract: dis.py 10 Extract: doctest.py Extract: dumbdbm.pr Extract: dummy_the Extract: dummy_the Extract: filecomp.py. Extract: fileinput.py Extract: fileinput.py Extract: fileinput.py	/ 100% 00% 100% ead.py 100% eading.py 100% 100% / 100%		
		< <u>B</u> ack	Next > Cancel

### Installation du HAMX

- C'est une librairie qu'on installe pour accélérer le fonctionnement de l'émulateur d'android.
- Il suffit juste de lancer le programme d'installation.
- Il est nécessaire d'activer l'accélération dans votre BIOS.

# Une fois l'installation terminée



Après, on peut développer et tester nos application

