Installation and first run of Android SDK

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Content

General concept	2
Android requirements	2
Install/Update Android SDK from the GeneXus IDE	2
Installation verification test	4



General concept

Android SDK is the "Android Software Development Kit" that brings together a group of tools that allow the programming of mobile applications under the Android Operating System.

If you already have an installed version of GeneXus (GeneXus Trial, GeneXus Learning or GeneXus Full) and you need to install or update the Android SDK components, you can follow the steps below.

Android requirements

Before you start the installation, make sure you meet the Android requirements.

Install/Update Android SDK from the GeneXus IDE

Open an existing KB, or create a new one.

Create an SD object, for example, an object of type Panel:

New Object				×	Start Page X ☐ Panel1 X
Select a Category: Data Management User Interface BPM Chatbots Resources Documentation Extensibility Deploy Reporting Test ALL		B Web Component Web Master Panel Web Panel Web Theme			Layout Rules Events Conditions Variables Documentation Application Bar ImmainTable
Name:	n (mobile, web, TV, etc.).	× …	Create		

Press F5.

From the GeneXus IDE, under the Tools menu, select Update Android SDK:

rt Bu	ild Knowledge Manager Window Too	s			
(Extensions Manager				
	Application Integration	•			
	Workflow	•			
	Options				
	Advanced	•			
	Explore Knowledgebase Directory				
	Explore Target Environment Directory				
2	CMD Environment Directory				
	GeneXus Access Manager	•			
-	Update Android SDK				
	GeneXus Account				



The installation setup will appear. Before you begin the installation, consider the following:

- To download the requirements you need at least 5Gb of free disk space.
- The corresponding JDK component will be installed, if it is not previously installed.

Keep the suggested installation path. Press Install

	GeneXus	[*]
And	Iroid Requiren	nents
Android S	DK install path:	
C:\Android	ISDK	
This installatio take a long tim	n will download over 4 GB of ne.	data, so it may
Compone	nts to install	
Android S	DK	License Terms
Intel x86 E	mulator Accelerator	License Terms
□Custom	Proxy	
software and c	tall you agree to the license omponents you have selecte e for reading and accepting t	ed to install. You
terms.	Back Insta	II

Finished the process, press Close:

GeneXus" 18
Android Requirements
Installation Complete!
Warning!: Java JDK 11 not detected, Android applications will not compile. <u>Check Android Requirements.</u>

To verify that everything works correctly, do the following.



Installation verification test

Mark the previously created Panel object as Main (Main Program property = True)

On the same object, right click, Run:



The process will finish by displaying the Panel object in the Android emulator:

