

مقدمة

.1 Installation

- a. Eclipse +Setup ADT +Setup SDK + Add Plug in Android
- b. ADT Bundle
- c. Android Studio

.2 Android SDK

- a. Android SDK Manager
- b. Manual Installation Android SDK

.3 Android?

- a. Application
- b. Application Framework
- c. Libraries
- d. Dalvik VM
- e. Linux Kernel

.4 AVD

- a. Create AVD
- b. Execute AVD
- c. Blue Stacks

.5 Project in Android

- a. Create Project
- b. Application Name, Project Name
- c. SDK
- d. Icon
- e. Import Project
- f. Example Click

.6 DDMS

- a. Run Debug
- b. SMS and Call Control
- c. File Explorer
- d. Test

.7 Log in Android

- a. Create Log
- b. View Log
- c. Filter Log
- d. Debug True

.8 Android Component

- a. Activity
- b. Service
- c. Content Provider
- d. Broadcast Receiver
- e. Intent

.9 Structure project

- a. Drawables
- b. Values
- c. Layout
- d. Raw
- e. Menu
- f. IDs
- g. R.java

.11 Layout

- a. Linear layout
- b. Frame layout
- c. Relative layout
- d. Grid layout

.11 User Interface GUI

- a. Design
- b. Parameters

.12 User Interface Code

- a. Get data - Set data
- b. Button Image
- c. Progress
- d. Tab

.13 Android Assets & Manifest

- a. Assets File
- b. Version and Package
- c. Min SDK and Target SDK
- d. Permission
- e. Require Key

.14 User Interface - Activity

- a. Life-Cycle
- b. Activity

c. Media player

.15 Activities

a. Send Data

b. Receive Data

c. Example

.16 Intent

a. Implicit Intent

b. Explicit Intent

.17 Intent-for result

a. Implicit Intent-picture

b. Capture image

.18 List View

a. Adapter

b. Listener

c. Custom Adapter

d. View Adapter

.19 Action Bar

- a. Create
- b. Action Select
- c. Customize

.21 Menu

- a. Navigation drawer
- b. Navigation Tab

.21 Android Dialog

- a. Alert Dialog
- b. Custom Dialog

پیشرفته

Database

File

Notification

Thread

AsyncTask

Broadcast

Socket

Web Service

Widget

Service

Content Provider

SMS