Introduction

Throughout the course we will see how to program Android applications using the Java programming language and Android Studio as programming environment.

For the correct use of the module, the student is required to have previous knowledge of programming, databases, development environments and something of XML.

To develop Android applications we will use a development environment, preferably Android Studio, whose installation we will cover throughout this unit.

The main objective of this first unit is the installation of Android Studio and a first contact with the development environment.

Objectives

- Know the fundamental characteristics of Android
- Installation of all the necessary tools.
- Use an integrated work environment, in our case Android Studio.
- Emulators.

Contents

1. Android Features
2. Architecture
3. Android versions
4. Android Studio
    1. JDK Installation
    2. Android Studio installation
    3. Running Android Studio
    4. Interface
    5. SDK manager
    6. AVD manager
5. Creating an Android project
6. Structure of an Android project

Timing

From 14th September to 19th September