

# MOBILE APPLICATION DEVELOPMENT WITH ANDROID

## Introduction

- About Android
- Smartphones future

## Preparing the Environment

- Installing the SDK
- Creating Android Emulator
- Installing Eclipse
- Installing Android Development Tools
- Choosing which Android version to use

## Android Architecture

- Android Stack
- Android applications structure

## Hello Program

- Creating a project
- Working with the AndroidManifest.xml
- Using the log system
- Activities

## UI Architecture

- Application context
- Intents
- Activity life cycle
- Supporting multiple screen sizes

## User Interface Widgets

- Text controls
- Button controls
- Toggle buttons

## Notification and Toast

- Parameters on Intents
- Pending intents
- Status bar notifications

## Menus

- Localization
- Options menu
- Context menu

## Menus

- Alert dialog
- Custom dialog
- Dialog as Activity