

# Develop Mobile Front Ends Using Mobile Application Framework

## Learn the basics of MAF and build a simple application:

- Introduction to Mobile Application Framework (MAF)
- Creating the MAF Application
- Creating Features and Content
- Creating the Client Data Model in a MAF Application
- Creating Data-Bound Pages
- Defining Task Flows and Navigation

## Add functionality to pages with UI components, device features, Data Visualization Tools (DVT) and JavaBeans

- Using Components to Create the MAF UI
- Adding Functionality to the App - JavaBeans and EL
- Using DVTs to enhance the look and feel
- Using Plugins in a MAF Application

## Enhance the functionality of the application with a more robust Client Data Model (CDM), Mobile Cloud Services, Offline Synchronization and Notifications

- Creating a more complex Client Data Model
- Using Oracle Mobile Cloud Services APIs in a MAF Application
- Using Offline Synchronization, Caching and the Local Database
- Enabling and Using Notifications

## Complete the application with custom code, fragments, reusable features and security

- Programming the MAF APIs
- Reusing MAF Application Content
- Securing MAF Applications

## Test, debug and deploy the application

- Testing and Debugging MAF Applications
- Deploying MAF Applications

## Appendix: REST and JSON