

1. Record Nr.	UNINA9910822283203321
Autore	Uddin Muhammad Saif
Titolo	IBM worklight mobile application development essentials : develop efficient mobile applications using IBM Worklight / / Muhammad Saif Uddin, Talha Haroon ; cover image by Ronak Dhruv
Pubbl/distr/stampa	Birmingham, England : , : Packt Publishing Ltd, , 2014 ©2014
ISBN	1-78217-761-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (144 p.)
Collana	Professional expertise distilled
Altri autori (Persone)	HaroonTalha DhruvRonak
Disciplina	005.437
Soggetti	Mobile computing - Programming Mobile computing - Security measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Professional expertise distilled"--Cover. Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Authors; Acknowledgement; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Getting Started with IBM Worklight; The IBM Worklight solution; Worklight capabilities and supported platforms; Components of Worklight; Worklight Studio; Features of the Worklight Studio platform; Worklight Device Runtime; Worklight Server; Worklight Console; Worklight Application Center; Summary; Chapter 2: Installing Worklight; Installing IBM Worklight Consumer Edition; Installing IBM Installation Manager; Installing the IBM Worklight Server Configuring the WebSphere Application Server (Liberty profile)Installing IBM Worklight Studio; Installing IBM Worklight Developer Edition; Installing Android SDK; Summary; Chapter 3: Creating a Basic Worklight Application; Creating a simple IBM Worklight application; Worklight project and application structure; Application resources; Rich Page Editor; Adding an environment; Verifying the server configuration; Building the application; Application skins; Previewing an application in the mobile simulator; Summary; Chapter 4: Customizing a Worklight Application; A quick overview of HTML5

The IBM Worklight client-side API
The WLClient JavaScript client library;
Exploring Dojo Mobile; Designing your first Dojo application; Adding an environment in IBM Worklight; Application resources; Application-descriptor; The main HTML file; Client scripts and stylesheets; The application icon; The splash screen; The Worklight client property file; Exploring the Android application environment; Summary; Chapter 5: Adding an Adapter; IBM Worklight Adapter concept; Exploring Adapter files; Types of Adapters; HTTP Adapters; SQL Adapters; Invoking the Adapter procedure
Calling Java code using an Adapter
Invoking Java code from the Adapter;
Summary; Chapter 6: Authentication and Security; Worklight security principles, concepts, and terminologies; Challenge handler; Authenticator; The login module; Authentication realms; Security test; Examining generated realms, security test, and login modules; Generating realms; Generating login modules; Generating security tests; Creating adapter-based authentication; Client side - adapter authentication components; Challenge handler in Worklight; Form-based authentication; Security realm; The login module; Security test
Challenge handler
Custom authentication; Summary; Chapter 7: Advanced Features of IBM Worklight; Push notification; Device and platforms support; Worklight push notification concepts and terminology; WL client API; WL.BusyIndicator; WL.Logger; WL.SimpleDialog; Cordova plugins; Encrypted Offline Cache; Storage
JSONStore; Summary; Index

Sommario/riassunto

This book will guide you through the process of building an application and customizing it with the help of lucid instructions on development, configuration, and administration with a practical, step-by-step approach. If you are a developer who wants to create mobile applications quickly, this is the book for you. Some basic knowledge about web technologies and client-side languages such as JavaScript, CSS and HTML will serve you well.
