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Existing View"; "Implementation Detail of DurationControl";  
"DurationControl.java"; "/layout/duration\_view\_layout.xml";  
"DatePickerFragment.java"; "Main Activity XML file"; "/values/attrs.  
xml"

"References""Summary"; "Review Questions"; "Chapter 3: Principles  
and Practice of Custom Layouts"; "Contrasting Custom Layouts";  
"Custom Views"; "Compound Controls"; "Custom Layouts";  
"Planning a Simple Flow Layout"; "Deriving from the ViewGroup  
Class"; "Defining custom attributes in Attrs.xml for the FlowLayout";  
"Working with onMeasure(a€?)"; "Implementing onLayout(a€?)";  
"Defining Custom LayoutParams"; "Overriding Custom LayoutParams  
Construction"; "Source Code for FlowLayout"; "FlowLayout in  
Action"; "Understanding ViewGroup.getChildMeasureSpec"  
"References""Summary"; "Review Questions"; "Chapter 4: JSON for  
On-Device Persistence"; "Data Storage Options in Android"; "General  
Approach to Using JSON for Persistence"; "Working with GSON";  
"Features of GSON"; "Adding the GSON Jar to Your Application";  
"Planning Java Objects for GSON"; "Converting Java Objects to JSON";  
"Using Shared Preferences for JSON Persistence"; "Getting Access to  
an Application Context"; "Saving and Restoring Strings Using Shared  
Preferences"; "Saving/Restoring Objects Using GSON in Shared  
Preferences"  
"Using Internal Storage for JSON"

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## Sommario/riassunto

From the leading publisher of Android books, Apress' Expert Android gives you advanced techniques for customizing views, controls, and layouts. You'll learn to develop apps in record time using JSON, Advanced Form Processing, and the BaaS (Backend As A Service) platform Parse. The book also includes extensive coverage on OpenGL, Search, and Telephony. With these advanced and time saving technologies you'll be able to release compelling mobile applications in Google Play and the Amazon Appstore at a rapid pace. In Expert Android, you'll learn to: Borrow, reuse, or build custom Android UI components Create 3D experiences using OpenGL ES 2.0 Write collaborative applications in the Parse cloud and communicate with your app user community through Parse Push Technology Reduce the time-to-market while creating rock solid apps for multiple devices Whether you are an individual or enterprise developer, in Expert Android you'll find the advanced techniques and practices to take your mobile apps to the next level. Regardless of the Android release, this book serves as your definitive, capstone reference for your Apress Android experience.

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