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Titolo	Creating dynamic UI with android fragments : leverage the power of android fragments to develop dynamic user interfaces for your apps // Jim Wilson
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ISBN	1-78328-310-6
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Descrizione fisica	1 online resource (122 p.)
Collana	Community experience distilled
Disciplina	005.25
Soggetti	Mobile computing Application software - Development Open source software Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Instant : short, fast, focused"--Cover. Includes index.
Sommario/riassunto	<p>Make your Android apps a superior, silky-smooth experience for the end-user with this comprehensive guide to creating a dynamic and multi-pane UI. Everything you need to know in one handy volume. Learn everything you need to know to provide dynamic multi-screen UIs within a single activity Integrate the rich UI features demanded by today's mobile users Understand the basics of using fragments and how to use them to create more adaptive and dynamic user experiences In Detail To create a dynamic and multi-pane user interface on Android, you need to encapsulate UI components and activity behaviors into modules that you can swap into and out of your activities. You can create these modules with the fragment class, which behaves somewhat like a nested activity that can define its own layout and manage its own lifecycle. When a fragment specifies its own layout, it can be configured in different combinations with other fragments inside an activity to modify your layout configuration for different screen sizes (a small screen might show one fragment at a time, but a</p>

large screen can show two or more). Creating Dynamic UI with Android Fragments shows you how to create modern Android applications that meet the high expectations of today's users. You will learn how to incorporate rich navigation features like swipe-based screen browsing and how to create adaptive UIs that ensure your application looks fantastic whether run on a low cost smartphone or the latest tablet. This book looks at the impact fragments have on Android UI design and their role in both simplifying many common UI challenges and providing new ways to incorporate rich UI behaviors. You will learn how to use fragments to create UIs that automatically adapt to device differences. We look closely at the roll of fragment transactions and how to work with the Android back stack. Leveraging this understanding, we then explore several specialized fragment-related classes like ListFragment and DialogFragment as well as rich navigation features like swipe-based screen browsing.

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