



Using Other Apps Inside Yours

Use your knowledge of implicit intents to connect your application to the greater Android Operating System ecosystem.

Procedure

1. Complete the “Intents and Data” challenge, and start from that project being completed
2. Use the `<string-array name="actions">` list in **strings.xml** as your list of actions you will perform
3. Create a listener for the *performImplicit* button to read the currently selected item on the *spinnerSelection*.
4. Create an intent and then a switch statement to configure it to perform the action implicitly. Use this list of possible implicit URI's by matching what you think the URI and the action would be for.

FOR	ACTION	URI
Loading a webpage	Intent.ACTION_VIEW,	http://website.com
Dialing a number	Intent.ACTION_DIAL	tel:(+000)1234567
Load a map to a lat/long	Intent.ACTION_VIEW	geo:30.2715,-97.742
Take a picture	android.media.action.IMAGE_CAPTURE	
Edit a contact	Intent.ACTION_EDIT	content://contacts/people/1

5. The map intent won't work. Query the system for available intents and protect against launching implicit intents for which there is no application.
6. Make the SecondActivity respond to implicit requests for going to your favorite website.
7. Run and test your application, and smile at how much your application does without having to write all the code for a web browser, dialer, camera app, or contact app!