

```
1: package com.delta.activities;
2:
3: import android.app.Activity;
4: import android.content.Intent;
5: import android.content.pm.PackageManager;
6: import android.content.pm.ResolveInfo;
7: import android.net.Uri;
8: import android.os.Bundle;
9: import android.view.Menu;
10: import android.view.MenuItem;
11: import android.view.View;
12: import android.widget.Button;
13: import android.widget.Spinner;
14: import android.widget.Toast;
15:
16: import java.util.List;
17:
18: /**
19:  * Created by learnovate on 2/19/14.
20:  */
21: public class DetailActivity extends Activity {
22:
23:
24:     private Button mReturnButton = null;
25:     private Button mPerformButton = null;
26:     private Spinner mSpinner = null;
27:
28:
29:     @Override
30:     protected void onCreate(Bundle savedInstanceState) {
31:         super.onCreate(savedInstanceState);
32:         setContentView(R.layout.activity_detail);
33:
34:         //Display data sent to us
35:         Bundle extras = getIntent().getExtras();
36:
37:         if(extras != null){
38:             String detailValue = extras.getString("KeyForSending");
39:             if(detailValue != null){
40:                 Toast.makeText(this, detailValue, Toast.LENGTH_SHORT).show();
41:             }
42:         }
43:
44:         //prepare rest of UI
45:
46:         mSpinner = (Spinner) findViewById(R.id.spinnerSelection);
47:
48:         mReturnButton = (Button) findViewById(R.id.returnToSecondActivity);
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49:         mReturnButton.setOnClickListener(new View.OnClickListener() {
50:             @Override
51:             public void onClick(View view) {
52:                 Intent returnIntent = new Intent();
53:                 String mySelection = mSpinner.getSelectedItem().toString();
54:                 returnIntent.putExtra("KeyForReturning", mySelection);
55:                 setResult(RESULT_OK, returnIntent);
56:                 finish();
57:             }
58:         });
59:
60:         mPerformButton = (Button) findViewById(R.id.performImplicit);
61:         mPerformButton.setOnClickListener(new View.OnClickListener() {
62:             @Override
63:             public void onClick(View view) {
64:                 int position = mSpinner.getSelectedItemPosition();
65:                 Intent implicitIntent = null;
66:                 switch(position){
67:                     case 0:
68:                         //nothing selected
69:                         break;
70:                     case 1:
71:                         //deltaprogram.us
72:                         implicitIntent = new Intent(Intent.ACTION_VIEW,
73:                             Uri.parse("http://deltaprogram.us"));
74:                         break;
75:                     case 2:
76:                         //Call someone
77:                         implicitIntent = new Intent(Intent.ACTION_DIAL,
78:                             Uri.parse("tel:(+000)8675309"));
79:                         break;
80:                     case 3:
81:                         //Map of YETspace using geo intent
82:                         implicitIntent = new Intent(Intent.ACTION_VIEW,
83:                             Uri.parse("geo:30.2715,-97.742"));
84:                         break;
85:                     case 4:
86:                         //take a picture (not returning it here tho)
87:                         implicitIntent = new Intent("android.media.action.IMAGE_CAPTURE");
88:                         break;
89:                     case 5:
90:                         //edit first contact
91:                         implicitIntent = new Intent(Intent.ACTION_EDIT,
92:                             Uri.parse("content://contacts/people/1"));
93:                         break;
94:                 }
95:                 if(implicitIntent != null){
96:                     if(isIntentAvailable(implicitIntent) == true){
```

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97:         startActivity(implicitIntent);
98:     }else{
99:         Toast.makeText(view.getContext(),"no application available",Toast.LENGTH_LONG).show();
100:     }
101: }
102: }
103: });
104: }
105:
106: public boolean isIntentAvailable(Intent intent){
107:     PackageManager packageManager = getPackageManager();
108:     List<ResolveInfo> activities = packageManager.queryIntentActivities(intent,0);
109:     boolean isIntentSafe = activities.size() > 0;
110:     return isIntentSafe;
111: }
112:
113: @Override
114: public boolean onCreateOptionsMenu(Menu menu) {
115:
116:     // Inflate the menu; this adds items to the action bar if it is present.
117:     getMenuInflater().inflate(R.menu.first, menu);
118:     return true;
119: }
120:
121: @Override
122: public boolean onOptionsItemSelected(MenuItem item) {
123:     // Handle action bar item clicks here. The action bar will
124:     // automatically handle clicks on the Home/Up button, so long
125:     // as you specify a parent activity in AndroidManifest.xml.
126:     int id = item.getItemId();
127:     if (id == R.id.action_settings) {
128:         return true;
129:     }
130:     return super.onOptionsItemSelected(item);
131: }
132: }
```

```
1: package com.delta.activities;
2:
3: import android.app.Activity;
4: import android.app.ActionBar;
5: import android.app.Fragment;
6: import android.content.Intent;
7: import android.os.Bundle;
8: import android.view.LayoutInflater;
9: import android.view.Menu;
10: import android.view.MenuItem;
11: import android.view.View;
12: import android.view.ViewGroup;
13: import android.os.Build;
14: import android.widget.Button;
15:
16: public class FirstActivity extends Activity {
17:
18:
19:     private Button mButton = null;
20:
21:     @Override
22:     protected void onCreate(Bundle savedInstanceState) {
23:         super.onCreate(savedInstanceState);
24:         setContentView(R.layout.activity_first);
25:
26:         mButton = (Button) findViewById(R.id.goSecondActivity);
27:
28:         mButton.setOnClickListener(new View.OnClickListener() {
29:             @Override
30:             public void onClick(View view) {
31:                 Intent i = new Intent(view.getContext(), SecondActivity.class);
32:                 startActivity(i);
33:             }
34:         });
35:
36:     }
37:
38:     @Override
39:     public boolean onCreateOptionsMenu(Menu menu) {
40:
41:         // Inflate the menu; this adds items to the action bar if it is present.
42:         getMenuInflater().inflate(R.menu.first, menu);
43:         return true;
44:     }
45:
46:     @Override
47:     public boolean onOptionsItemSelected(MenuItem item) {
48:         // Handle action bar item clicks here. The action bar will
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49:      // automatically handle clicks on the Home/Up button, so long
50:      // as you specify a parent activity in AndroidManifest.xml.
51:      int id = item.getItemId();
52:      if (id == R.id.action_settings) {
53:          return true;
54:      }
55:      return super.onOptionsItemSelected(item);
56:  }
57:
58: }
```

```
1: package com.delta.activities;
2:
3: import android.app.Activity;
4: import android.content.Intent;
5: import android.net.Uri;
6: import android.os.Bundle;
7: import android.view.Menu;
8: import android.view.MenuItem;
9: import android.view.View;
10: import android.widget.Button;
11: import android.widget.TextView;
12:
13: /**
14:  * Created by learnovate on 2/19/14.
15:  */
16: public class SecondActivity extends Activity {
17:
18:     public static final int DETAIL_REQUEST = 1;
19:
20:     private Button mButton = null;
21:     private Button mDetailButton = null;
22:     private TextView mSelectedView = null;
23:
24:     @Override
25:     protected void onCreate(Bundle savedInstanceState) {
26:         super.onCreate(savedInstanceState);
27:         setContentView(R.layout.activity_second);
28:
29:         mSelectedView = (TextView) findViewById(R.id.userSelection);
30:
31:         mButton = (Button) findViewById(R.id.goFirstActivty);
32:         mButton.setOnClickListener(new View.OnClickListener() {
33:             @Override
34:             public void onClick(View view) {
35:                 Intent i = new Intent(view.getContext(), FirstActivity.class);
36:                 startActivity(i);
37:             }
38:         });
39:
40:
41:         mDetailButton = (Button) findViewById(R.id.goDetailActivity);
42:         mDetailButton.setOnClickListener(new View.OnClickListener() {
43:             @Override
44:             public void onClick(View view) {
45:                 Intent i = new Intent(view.getContext(), DetailActivity.class);
46:                 i.putExtra("KeyForSending", "Some data from SecondActivity");
47:                 startActivityForResult(i, DETAIL_REQUEST);
48:             }
49:         });
50:     }
51: }
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49:         }
50:     });
51:
52:
53:     //Becoming an implicit Intent receiver here
54:     Intent httpIntent = getIntent();
55:     String action = httpIntent.getAction();
56:     if(action != null && action.equals(Intent.ACTION_VIEW)){
57:         Uri data = httpIntent.getData();
58:         if(data != null){
59:             mSelectedView.setText(data.toString());
60:         }
61:     }
62: }
63:
64: @Override
65: protected void onActivityResult(int requestCode, int resultCode, Intent data) {
66:     if(resultCode == RESULT_OK && requestCode == DETAIL_REQUEST){
67:         if(data.hasExtra("KeyForReturning")){
68:             String myValue = data.getExtras().getString("KeyForReturning");
69:             mSelectedView.setText(myValue);
70:         }
71:     }
72: }
73:
74: @Override
75: public boolean onCreateOptionsMenu(Menu menu) {
76:
77:     // Inflate the menu; this adds items to the action bar if it is present.
78:     getMenuInflater().inflate(R.menu.first, menu);
79:     return true;
80: }
81:
82: @Override
83: public boolean onOptionsItemSelected(MenuItem item) {
84:     // Handle action bar item clicks here. The action bar will
85:     // automatically handle clicks on the Home/Up button, so long
86:     // as you specify a parent activity in AndroidManifest.xml.
87:     int id = item.getItemId();
88:     if (id == R.id.action_settings) {
89:         return true;
90:     }
91:     return super.onOptionsItemSelected(item);
92: }
93: }
```

1	activities/src/main/java/com/delta/activities/DetailActivity.java	3	pages	132	lines	14/09/18	20:42:47
2	activities/src/main/java/com/delta/activities/FirstActivity.java	2	pages	58	lines	14/09/18	20:42:46
3	activities/src/main/java/com/delta/activities/SecondActivity.java	2	pages	93	lines	14/09/18	20:42:47