

```
1  package edu.seaaddicts.brockbutler.contacts;
2
3  import java.util.List;
4
5  import android.content.Context;
6  import android.view.LayoutInflater;
7  import android.view.View;
8  import android.view.View.OnClickListener;
9  import android.view.ViewGroup;
10 import android.widget.BaseAdapter;
11 import android.widget.Button;
12 import android.widget.TextView;
13 import edu.seaaddicts.brockbutler.R;
14
15 public class ContactsAdapter extends BaseAdapter implements OnClickListener {
16     private Context context;
17
18     private List<Contact> mContactsList;
19
20     public ContactsAdapter(Context context, List<Contact> listPhonebook) {
21         this.context = context;
22         this.mContactsList = listPhonebook;
23     }
24
25     public int getCount() {
26         return mContactsList.size();
27     }
28
29     public Object getItem(int position) {
30         return mContactsList.get(position);
31     }
32
33     public long getItemId(int position) {
34         return position;
35     }
36
37     public View getView(int position, View convertView, ViewGroup viewGroup) {
38         Contact c = mContactsList.get(position);
39         if (convertView == null) {
40             LayoutInflater inflater = (LayoutInflater) context
41                 .getSystemService(Context.LAYOUT_INFLATER_SERVICE);
42             convertView = inflater.inflate(R.layout.row_contact_full, null);
43         }
44         TextView tvContact = (TextView) convertView.findViewById(R.id.tv_contact_name
45             );
46         tvContact.setText(c.mFirstName + " " + c.mLastName);
47
48         TextView tvEmail = (TextView) convertView.findViewById(R.id.tv_email);
49         tvEmail.setText(c.mEmail);
50
51         TextView tvMail = (TextView) convertView.findViewById(R.id.lv_courses);
52         tvMail.setText(c.mEmail);
53
54         // Set the onClick Listener on this button
55         Button btnRemove = (Button) convertView.findViewById(R.id.btnRemove);
56         btnRemove.setFocusableInTouchMode(false);
57         btnRemove.setFocusable(false);
58         btnRemove.setOnClickListener(this);
59
60         // Set the entry, so that you can capture which item was clicked and
61         // then remove it. As an alternative, you can use the id/position of the
62         // item to capture
63         // the item that was clicked.
64         btnRemove.setTag(c);
65         // btnRemove.setId(position);
66
67         return convertView;
68     }
69
70     public void onClick(View view) {
```

```
70         Contact c = (Contact) view.getTag();
71         mContactsList.remove(c);
72         // listPhonebook.remove(view.getId());
73         notifyDataSetChanged();
74
75     }
76
77     /*private void showDialog(Contact c) {
78         // Create and show your dialog
79         // Depending on the Dialogs button clicks delete it or do nothing
80     }*/
81
82 }
83
```