```
1  public class ShareMyPosition extends MapActivity implements LocationListener{
2    private LocationManager locationManager;
3
4    public void onCreate(Bundle savedInstanceState){
5      ...locationManager = (LocationManager) getSystemService(Context.LOCATION_SERVICE); ...}
6
7    private void performLocation(boolean forceNetwork){
8      ...List<String> providers = locationManager.getProviders(true);  ...
9      boolean containsGPS = providers.contains(LocationManager.GPS_PROVIDER);
10     boolean containsNetwork = providers.contains(LocationManager.NETWORK_PROVIDER);
11     if ((containsGPS && !forceNetwork) || (containsGPS && !containsNetwork)) {
12       locationManager.requestLocationUpdates(LocationManager.GPS_PROVIDER, 0, 5, this);}
13     else {...finish();}}
14
15   protected void onResume(){
16     ...performLocation(false);}
17
18   protected void onPause(){
19     ...locationManager.removeUpdates(this);}
20
21   protected Dialog onCreateDialog(int id){
22     return new AlertDialog.Builder(this).setTitle(R.string.app_name)
23       .setView(sharedMapView)
24       .setNeutralButton(R.string.options, new OnClickListener() {
25         public void onClick(..., ...){
26           ...startActivity(option);}})
27       .setPositiveButton(R.string.share_it, new OnClickListener() {
28         public void onClick(..., ...){
29           ...startActivity(share);}})
30       .setNegativeButton(R.string.retry, new OnClickListener() {
31         public void onClick(DialogInterface arg0, int arg1){
32           ...performLocation(false);}}).create()}
33
34   public void onLocationChanged(final Location location){
35     ...locationManager.removeUpdates(this);
36       this.location = location;...}}
```