## 在高德地图上定位当前位置

1. 导包（gaode这个工程能定位到当前位置和在地图上标记你想标的位置）
2. 注册高德的key
3. 实现

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| 1.在布局文件写入：  *<?***xml version="1.0" encoding="utf-8"***?>* <**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:app="http://schemas.android.com/apk/res-auto"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  tools:context="tx.a316.com.tx\_teacher.activites.mapActivity"**>  <**com.amap.api.maps.MapView  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:id="@+id/map"** >  </**com.amap.api.maps.MapView**> </**LinearLayout**>   1. 在工程文件写入:  |  | | --- | | **public class** mapActivity **extends** AppCompatActivity {  MapView **mMapView**=**null**;  MyLocationStyle **myLocationStyle**;  Marker **marker**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_map***);  *//获取地图控件引用* **mMapView** = (MapView) findViewById(R.id.***map***);  *//在activity执行onCreate时执行mMapView.onCreate(savedInstanceState)，创建地图* **mMapView**.onCreate(savedInstanceState);  **myLocationStyle**=**new** MyLocationStyle();*//初始化定位蓝点样式类myLocationStyle.myLocationType(MyLocationStyle.LOCATION\_TYPE\_LOCATION\_ROTATE);//连续定位、且将视角移动到地图中心点，定位点依照设备方向旋转，并且会跟随设备移动。（1秒1次定位）如果不设置myLocationType，默认也会执行此种模式。* **myLocationStyle**.interval(2000);  AMap aMap=**mMapView**.getMap();  aMap.setMyLocationStyle(**myLocationStyle**);*//设置定位难点的style  //aMap.getUiSettings().setMyLocationButtonEnabled(true);设置默认定位按钮是否显示，非必需设置。* aMap.setMyLocationEnabled(**true**);  *//设置默认定位按钮是否显示，非必需设置。* aMap.getUiSettings().setMyLocationButtonEnabled(**true**);  **myLocationStyle**.myLocationType(MyLocationStyle.***LOCATION\_TYPE\_SHOW***);  biaoji(aMap);  }   **void** biaoji(AMap aMap){  *//等下再这里获取坐标数据* LatLng latLng=**new** LatLng(39.906901,116.297872);  **marker** = aMap.addMarker(**new** MarkerOptions().position(latLng).title(**"北京"**).snippet(**"DefaultMarker"**));  latLng=**new** LatLng(50,112);  **marker**=aMap.addMarker(**new** MarkerOptions().position(latLng).title(**"北京"**).snippet(**"DefaultMarker"**));  }  @Override  **protected void** onResume() {  **super**.onResume();  *//在activity执行onResume时执行mMapView.onResume ()，重新绘制加载地图* **mMapView**.onResume();  }  @Override  **protected void** onPause() {  **super**.onPause();  *//在activity执行onPause时执行mMapView.onPause ()，暂停地图的绘制* **mMapView**.onPause();  }  @Override  **protected void** onSaveInstanceState(Bundle outState) {  **super**.onSaveInstanceState(outState);  *//在activity执行onSaveInstanceState时执行mMapView.onSaveInstanceState (outState)，保存地图当前的状态* **mMapView**.onSaveInstanceState(outState);  } } | |

1. ok
2. 在地图上标记你想标的点

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| **public class** mapActivity **extends** AppCompatActivity {  MapView **mMapView**=**null**;  MyLocationStyle **myLocationStyle**;  Marker **marker**;  AMap **aMap**;  getStudentService **studentService**=**new** getStudentServiceImp(**this**);  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_map***);  *//获取地图控件引用* **mMapView** = (MapView) findViewById(R.id.***map***);  *//在activity执行onCreate时执行mMapView.onCreate(savedInstanceState)，创建地图* **mMapView**.onCreate(savedInstanceState);  initmaap();  **myLocationStyle**.myLocationType(MyLocationStyle.***LOCATION\_TYPE\_SHOW***);  *// zidingyi(aMap);* **studentService**.getStudent(MyApplication.*getT\_tid*());  }  *//自身标点* **void** initmaap(){  **myLocationStyle**=**new** MyLocationStyle();*//初始化定位蓝点样式类myLocationStyle.myLocationType(MyLocationStyle.LOCATION\_TYPE\_LOCATION\_ROTATE);//连续定位、且将视角移动到地图中心点，定位点依照设备方向旋转，并且会跟随设备移动。（1秒1次定位）如果不设置myLocationType，默认也会执行此种模式。  // myLocationStyle.myLocationIcon(BitmapDescriptorFactory.fromResource(R.drawable.location\_marker));//自定义标点样式* **myLocationStyle**.interval(2000);  **aMap**=**mMapView**.getMap();  **aMap**.setMyLocationStyle(**myLocationStyle**);*//设置定位难点的style  //aMap.getUiSettings().setMyLocationButtonEnabled(true);设置默认定位按钮是否显示，非必需设置。* **aMap**.setMyLocationEnabled(**true**);  *//设置默认定位按钮是否显示，非必需设置。* **aMap**.getUiSettings().setMyLocationButtonEnabled(**true**);  }  *//获取所有学生的位置信息  //传统的标记* **void** biaoji(AMap aMap){  *//等下再这里获取坐标数据* LatLng latLng=**new** LatLng(39.906901,116.297872);  **marker** = aMap.addMarker(**new** MarkerOptions().position(latLng).title(**"北京"**).snippet(**"DefaultMarker"**));  latLng=**new** LatLng(50,112);  **marker**=aMap.addMarker(**new** MarkerOptions().position(latLng).title(**"北京"**).snippet(**"DefaultMarker"**));  }  *//自定义标点* **void** zidingyi(AMap aMap){  MarkerOptions markerOptions=**new** MarkerOptions();  LatLng latLng=**new** LatLng(10,116.297872);  markerOptions.position(latLng).title(**"余智强"**).snippet(**"西安市：34.341568, 108.940174"**);  markerOptions.draggable(**true**);*//marker拖拽* markerOptions.icon(BitmapDescriptorFactory.*fromBitmap*(BitmapFactory.*decodeResource*(getResources(),R.drawable.***xueshengs***)));  **marker**=aMap.addMarker(markerOptions);  }  @Override  **protected void** onResume() {  **super**.onResume();  *//在activity执行onResume时执行mMapView.onResume ()，重新绘制加载地图* **mMapView**.onResume();  }  @Override  **protected void** onPause() {  **super**.onPause();  *//在activity执行onPause时执行mMapView.onPause ()，暂停地图的绘制* **mMapView**.onPause();  }  @Override  **protected void** onSaveInstanceState(Bundle outState) {  **super**.onSaveInstanceState(outState);  *//在activity执行onSaveInstanceState时执行mMapView.onSaveInstanceState (outState)，保存地图当前的状态* **mMapView**.onSaveInstanceState(outState);  }  **public void** shibai(){  Toast.*makeText*(**this**,**"你可能断网了。"**,Toast.***LENGTH\_SHORT***).show();  }  **public void** succ(List<mapinformation> list){  MarkerOptions markerOptions=**new** MarkerOptions();  **for**(**int** i=0;i<list.size();i++){  LatLng latLng=**new** LatLng( Double.*valueOf*(list.get(i).getLatitude()),Double.*valueOf*(list.get(i).getLongitude()));  String di=list.get(i).getCity()+**":"**+list.get(i).getLongitude()+**","**+list.get(i).getLatitude();  markerOptions.position(latLng).title(list.get(i).getDistrict()).snippet(di);  markerOptions.draggable(**true**);*//marker拖拽* markerOptions.icon(BitmapDescriptorFactory.*fromBitmap*(BitmapFactory.*decodeResource*(getResources(),R.drawable.***xueshengs***)));  **marker**=**aMap**.addMarker(markerOptions);  }   } } |