就Android平台而言，URI主要分三个部分：scheme, authority and path。其中authority又分为host和port。格式如下：  
scheme://host:port/path  
举个实际的例子：  
content://com.example.project:200/folder/subfolder/etc  
\---------/  \---------------------------/ \---/ \--------------------------/  
scheme                 host               port        path  
                \--------------------------------/  
                          authority     
  
现在大家应该知道data flag中那些属性的含义了吧，看下data flag  
<data android:host="string"  
      android:mimeType="string"  
      android:path="string"  
      android:pathPattern="string"  
      android:pathPrefix="string"  
      android:port="string"  
      android:scheme="string" />  
但是我们在程序中一般是不直接用URI来标识CP的，是的，正如我们通常见到的用定义的常量来标识。例如standard CP中的Contacts，我们就用Contacts.People.CONTENT\_URI来标识Contacts CP中People这个表。那么要标识某个具体的人怎么办呢？ 这就用到了ContentUris.withAppendedId() 和 Uri.withAppendedPath()。例如我们要表示content://contacts/people/20，那么我们就可以用如下语句：  
Uri uri = ContentUris.withAppendedId(People.CONTENT\_URI, 20); 或者  
Uri uri = Uri.withAppendedPath(People.CONTENT\_URI, "20");

举些例子，如：

所有联系人的Uri： content://contacts/people

某个联系人的Uri: content://contacts/people/5

所有图片Uri: content://media/external

某个图片的Uri：content://media/external/images/media/4

下面是一些常用的Uri

显示网页:  
  1. Uri uri = Uri.parse("http://www.google.com");  
  2. Intent it = new Intent(Intent.ACTION\_VIEW,uri);  
  3. startActivity(it);  
  
显示地图:  
1. Uri uri = Uri.parse("geo:38.899533,-77.036476");  
  2. Intent it = new Intent(Intent.Action\_VIEW,uri);  
  3. startActivity(it);  
  
路径规划:  
  1. Uri uri = Uri.parse("http://maps.google.com/maps?f=d&saddr=startLat%20startLng&daddr=endLat%20endLng&hl=en");  
  2. Intent it = new Intent(Intent.ACTION\_VIEW,URI);  
  3. startActivity(it);  
  
拨打电话:  
调用拨号程序  
  1. Uri uri = Uri.parse("tel:xxxxxx");  
  2. Intent it = new Intent(Intent.ACTION\_DIAL, uri);     
  3. startActivity(it);     
  1. Uri uri = Uri.parse("tel.xxxxxx");  
  2. Intent it =new Intent(Intent.ACTION\_CALL,uri);  
  3. 要使用这个必须在配置文件中加入<uses-permission id="Android.permission.CALL\_PHONE" />  
  
发送SMS/MMS  
调用发送短信的程序  
  1. Intent it = new Intent(Intent.ACTION\_VIEW);  
  2. it.putExtra("sms\_body", "The SMS text");  
  3. it.setType("vnd.android-dir/mms-sms");  
  4. startActivity(it);     
发送短信  
  1. Uri uri = Uri.parse("smsto:0800000123");  
  2. Intent it = new Intent(Intent.ACTION\_SENDTO, uri);  
  3. it.putExtra("sms\_body", "The SMS text");  
  4. startActivity(it);     
发送彩信  
  1. Uri uri = Uri.parse("content://media/external/images/media/23");  
  2. Intent it = new Intent(Intent.ACTION\_SEND);  
  3. it.putExtra("sms\_body", "some text");  
  4. it.putExtra(Intent.EXTRA\_STREAM, uri);  
  5. it.setType("image/png");  
  6. startActivity(it);  
  
发送Email  
  1.  
  2. Uri uri = Uri.parse("mailto:xxx@abc.com");  
  3. Intent it = new Intent(Intent.ACTION\_SENDTO, uri);  
  4. startActivity(it);  
  1. Intent it = new Intent(Intent.ACTION\_SEND);  
  2. it.putExtra(Intent.EXTRA\_EMAIL, "me@abc.com");  
  3. it.putExtra(Intent.EXTRA\_TEXT, "The email body text");  
  4. it.setType("text/plain");  
  5. startActivity(Intent.createChooser(it, "Choose Email Client"));     
  1. Intent it=new Intent(Intent.ACTION\_SEND);     
  2. String[] tos={"me@abc.com"};     
  3. String[] ccs={"you@abc.com"};     
  4. it.putExtra(Intent.EXTRA\_EMAIL, tos);     
  5. it.putExtra(Intent.EXTRA\_CC, ccs);     
  6. it.putExtra(Intent.EXTRA\_TEXT, "The email body text");     
  7. it.putExtra(Intent.EXTRA\_SUBJECT, "The email subject text");     
  8. it.setType("message/rfc822");     
  9. startActivity(Intent.createChooser(it, "Choose Email Client"));  
  
添加附件  
  1. Intent it = new Intent(Intent.ACTION\_SEND);  
  2. it.putExtra(Intent.EXTRA\_SUBJECT, "The email subject text");  
  3. it.putExtra(Intent.EXTRA\_STREAM, "[url=]file:///sdcard/mysong.mp3[/url]");  
  4. sendIntent.setType("audio/mp3");  
  5. startActivity(Intent.createChooser(it, "Choose Email Client"));  
  
播放多媒体  
  1.     
  2. Intent it = new Intent(Intent.ACTION\_VIEW);  
  3. Uri uri = Uri.parse("[url=]file:///sdcard/song.mp3[/url]");  
  4. it.setDataAndType(uri, "audio/mp3");  
  5. startActivity(it);  
  1. Uri uri = Uri.withAppendedPath(MediaStore.Audio.Media.INTERNAL\_CONTENT\_URI, "1");  
  2. Intent it = new Intent(Intent.ACTION\_VIEW, uri);  
  3. startActivity(it);     
  
Uninstall 程序  
  1. Uri uri = Uri.fromParts("package", strPackageName, null);  
  2. Intent it = new Intent(Intent.ACTION\_DELETE, uri);  
  3. startActivity(it);  
  
//调用相册  
public static final String MIME\_TYPE\_IMAGE\_JPEG = "image/\*";  
public static final int ACTIVITY\_GET\_IMAGE = 0;  
Intent getImage = new Intent(Intent.ACTION\_GET\_CONTENT);   
getImage.addCategory(Intent.CATEGORY\_OPENABLE);   
getImage.setType(MIME\_TYPE\_IMAGE\_JPEG);  
startActivityForResult(getImage, ACTIVITY\_GET\_IMAGE);  
  
//调用系统相机应用程序，并存储拍下来的照片  
Intent intent = new Intent(MediaStore.ACTION\_IMAGE\_CAPTURE);   
time = Calendar.getInstance().getTimeInMillis();  
intent.putExtra(MediaStore.EXTRA\_OUTPUT, Uri.fromFile(new File(Environment  
.getExternalStorageDirectory().getAbsolutePath()+"/tucue", time + ".jpg")));  
startActivityForResult(intent, ACTIVITY\_GET\_CAMERA\_IMAGE);  
  
uninstall apk  
/\*\*未[**测试**](http://lib.csdn.net/base/softwaretest)  
Uri uninstallUri = Uri.fromParts("package", "xxx", null);  
returnIt = new Intent(Intent.ACTION\_DELETE, uninstallUri);  
\*/  
Uri packageURI = Uri.parse("package:"+wistatmap);     
Intent uninstallIntent = new Intent(Intent.ACTION\_DELETE, packageURI);     
startActivity(uninstallIntent);  
  
install apk  
Uri installUri = Uri.fromParts("package", "xxx", null);  
returnIt = new Intent(Intent.ACTION\_PACKAGE\_ADDED, installUri);  
play audio  
Uri playUri = Uri.parse("[url=]file:///sdcard/download/everything.mp3[/url]");  
returnIt = new Intent(Intent.ACTION\_VIEW, playUri);  
  
//发送附件  
Intent it = new Intent(Intent.ACTION\_SEND);     
it.putExtra(Intent.EXTRA\_SUBJECT, "The email subject text");     
it.putExtra(Intent.EXTRA\_STREAM, "[url=]file:///sdcard/eoe.mp3[/url]");     
sendIntent.setType("audio/mp3");     
startActivity(Intent.createChooser(it, "Choose Email Client"));  
  
//搜索应用  
Uri uri = Uri.parse("market://search?q=pname:pkg\_name");     
Intent it = new Intent(Intent.ACTION\_VIEW, uri);     
startActivity(it);     
//where pkg\_name is the full package path for an application  
  
//进入联系人页面  
Intent intent = new Intent();  
intent.setAction(Intent.ACTION\_VIEW);  
intent.setData(People.CONTENT\_URI);  
startActivity(intent);  
  
//查看指定联系人  
Uri personUri = ContentUris.withAppendedId(People.CONTENT\_URI, info.id);//info.id联系人ID  
Intent intent = new Intent();  
intent.setAction(Intent.ACTION\_VIEW);  
intent.setData(personUri);  
startActivity(intent);