# 一配置

## 1.将文件cardScan.aar放入项目lib文件夹目录下

## 2.Gradle配置 引入文件 android { repositories { flatDir { dirs 'libs' } } dependencies { compile(name: 'cardScan\_1.0', ext: 'aar') }

# 二使用方法

### 通过BitMap对象获取数据

1.声明CardScaner对象

private CardScaner scaner;

2.初始化

scaner = new CardScaner(this);

3.设置监听（仅针对于通过Bitmap获取信息的方式）（银行卡信息不推荐使用这种方式，因为银行卡识别是否成功不仅取决于图片清晰度，还有其他因素，具体不明）

scaner.GetDataListener(new CardScaner.DataListener() {  
 @Override  
 public void data(int i, Object o) {

//识别成功  
 switch (i) {  
 case CardScaner.*IDCardFront*:  
 CardInfo cardInfoFront;  
 cardInfoFront = (CardInfo) o;  
 String contentFront = cardInfoFront.getFieldString(TFieldID.*NAME*) +  
 cardInfoFront.getFieldString(TFieldID.*SEX*) +  
 cardInfoFront.getFieldString(TFieldID.*FOLK*) +  
 cardInfoFront.getFieldString(TFieldID.*BIRTHDAY*) +  
 cardInfoFront.getFieldString(TFieldID.*ADDRESS*) +  
 cardInfoFront.getFieldString(TFieldID.*NUM*);  
 Toast.*makeText*(MainActivity.this, contentFront, Toast.*LENGTH\_LONG*).show();  
 break;  
 case CardScaner.*IDCardBack*:  
 CardInfo cardInfoBack;  
 cardInfoBack = (CardInfo) o;  
 String contentBack =  
 cardInfoBack.getFieldString(TFieldID.*ISSUE*) +  
 cardInfoBack.getFieldString(TFieldID.*PERIOD*);  
 Toast.*makeText*(MainActivity.this, contentBack, Toast.*LENGTH\_LONG*).show();  
 break;  
 case CardScaner.*BankCard*:  
 CardInfo bankCardInfo;  
 bankCardInfo = (CardInfo) o;  
 String contentBank=  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_NUM*) +  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_CARD\_NAME*)+  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_CLASS*)+  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_ORGCODE*)+  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_NAME*)+  
 bankCardInfo.getFieldString(TFieldID.*TBANK\_NUM\_REGION*)  
 ;  
 Toast.*makeText*(MainActivity.this, contentBank, Toast.*LENGTH\_LONG*).show();  
 break;  
 }  
 }

@Override  
public void error() {  
 //识别错误  
}  
  
@Override  
public void start() {  
 //开始识别  
}  
  
@Override  
public void end() {  
 //识别结束  
}

4.获取数据

scaner.getIDCardFrontData(bitmap);//获取身份证前的信息

scaner.getIDCardBackData(bitmap);//获取身份证后的信息

scaner.getBankCardData(bitmap);//获取银行卡信息（不推荐）

### 通过扫描方式获取数据

1.声明CardScaner对象

private CardScaner scaner;

2.初始化

scaner = new CardScaner(this);

3.启动扫描

scaner.scanBankCard(this); //扫描银行卡信息

scaner.scanIDCardBack(this); //扫描身份证后信息

scaner.scanIDCardFront(this);//扫描身份证前信息

4.设置onActivityResult获取数据

@Override  
protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 switch (requestCode) {  
 case CardScaner.*ScanIDCardFront*:  
   
 Bitmap takeFront = TRCardScan.*TakeBitmap*; // 正面  
 if (takeFront == null) {  
 Toast.*makeText*(MainActivity.this, "扫描失败,请重新扫描身份证", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
 CardInfo cardInfo = (CardInfo) data.getSerializableExtra("cardinfo");  
 if (TextUtils.*isEmpty*(cardInfo.getFieldString(TFieldID.*NAME*)) || TextUtils.*isEmpty*(cardInfo.getFieldString(TFieldID.*ADDRESS*)) || TextUtils.*isEmpty*(cardInfo.getFieldString(TFieldID.*NUM*))) {  
 Toast.*makeText*(MainActivity.this, "扫描失败，请保证身份证清晰", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
 Toast.*makeText*(MainActivity.this, "姓名：" + cardInfo.getFieldString(TFieldID.*NAME*) + "\n"  
 + "身份证号：" + cardInfo.getFieldString(TFieldID.*NUM*) + "\n"  
 + "家庭住址：" + cardInfo.getFieldString(TFieldID.*ADDRESS*), Toast.*LENGTH\_SHORT*).show();  
 break;  
 case CardScaner.*ScanBankCard*:  
   
 Bundle bundle = data.getExtras();  
 String result = bundle.getString("result");  
 Bitmap numberBitmap = CaptureActivity.*SmallBitmap*;//号码截图  
 Bitmap allBitmap = CaptureActivity.*TakeBitmap*;// 全图  
 //压缩 储存 读取 BitMap  
 CardInfo cardInfo2 = (CardInfo) data.getSerializableExtra("cardinfo");  
 String cardNum = cardInfo2.getFieldString(TFieldID.*TBANK\_NUM*);  
 Toast.*makeText*(MainActivity.this, "银行卡卡号：" + cardInfo2.getFieldString(TFieldID.*TBANK\_NUM*) + "\n"  
 +"：" + cardInfo2.getFieldString(TFieldID.*TBANK\_CARD\_NAME*) + "\n"  
 +"：" + cardInfo2.getFieldString(TFieldID.*TBANK\_CLASS*) + "\n"  
 +"：" + cardInfo2.getFieldString(TFieldID.*TBANK\_NAME*) + "\n"  
 +"：" + cardInfo2.getFieldString(TFieldID.*TBANK\_NUM\_CHECKSTATUS*) + "\n"  
 +"：" + cardInfo2.getFieldString(TFieldID.*TBANK\_NUM\_REGION*) + "\n"  
 + "：" + cardInfo2.getFieldString(TFieldID.*TBANK\_ORGCODE*), Toast.*LENGTH\_LONG*).show();  
 break;  
 case CardScaner.*ScanIDCardBack*:  
   
 Bitmap takeBack = TRCardScan.*TakeBitmap*; // 反面  
 if (takeBack == null) {  
 Toast.*makeText*(MainActivity.this, "扫描失败,请重新扫描身份证", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
 CardInfo cardInfo3 = (CardInfo) data.getSerializableExtra("cardinfo");  
 if (TextUtils.*isEmpty*(cardInfo3.getFieldString(TFieldID.*PERIOD*))) {  
 Toast.*makeText*(MainActivity.this, "扫描失败，请保证身份证清晰", Toast.*LENGTH\_LONG*).show();  
 return;  
 }  
 Toast.*makeText*(MainActivity.this, "签证机关：" + cardInfo3.getFieldString(TFieldID.*ISSUE*) + "\n"  
 + "有效期：" + cardInfo3.getFieldString(TFieldID.*PERIOD*), Toast.*LENGTH\_LONG*).show();  
 break;  
 }  
}