1.JSONObject解析

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```
//从服务器获取json文件
    URL url = new URL("http://10.0.2.2:8080/update.json");
    conn = (HttpURLConnection) url.openConnection();

    conn.setConnectTimeout(5000);
    conn.setReadTimeout(5000);
    conn.setRequestMethod("GET");
    conn.connect();

    int responseCode = conn.getResponseCode();
    if(responseCode == 200){
        InputStream is = conn.getInputStream();

        String result = StringUtils.readFromStream(is);
        System.out.println("json数据: "+result);

        //解析json数据
        JSONObject jo = new JSONObject(result);
        mVersionName = jo.getString("versionName");
        mVersionCode = jo.getInt("versionCode");
        mDesc = jo.getString("description");
        mDownloadUrl = jo.getString("downloadUrl");
    }
```

2.自定义UI控件

```
public class SettingItemView extends RelativeLayout {

    private static final String NAMESPACE = "http://schemas.android.com/apk/res/com.xiaozhe.safemoblie";
    private TextView tvTitle;
    private TextView tvDesc;
    private CheckBox cbStatus;

    private String mTitle;
    private String mDescOn;
    private String mDescOff;


    public SettingItemView(Context context, AttributeSet attrs, int defStyle) {
        super(context, attrs, defStyle);
        initView();

    }

    public SettingItemView(Context context, AttributeSet attrs) {
        super(context, attrs);

        //根据布局属性,取出属性
        mTitle = attrs.getAttributeValue(NAMESPACE, "titleOfSiv");
        mDescOn = attrs.getAttributeValue(NAMESPACE, "desc_on");
        mDescOff = attrs.getAttributeValue(NAMESPACE, "desc_off");

        initView();

    }

    public SettingItemView(Context context) {
        super(context);
        initView();
    }


    /**
     * 初始化布局
```

```java
     */
    private void initView(){
        //这个视图添加到，本RelativeLayout容器里面去
        View.inflate(getContext(), R.layout.view_setting_items, this);
        tvTitle = (TextView) findViewById(R.id.tv_title);
        tvDesc = (TextView) findViewById(R.id.tv_desc);
        cbStatus = (CheckBox) findViewById(R.id.cb_status);

        //设置标题
        tvTitle.setText(mTitle);

    }

    /**
     * 设置标题
     * @param title
     */
    public void setTitle(String title){
        tvTitle.setText(title);
    }

    /**
     * 设置描述
     * @param desc
     */
    public void setDesc(String desc){
        tvDesc.setText(desc);
    }

    /**
     * 返回选中状态
     * @return
     */
    public boolean isChecked(){
        return cbStatus.isChecked();
    }

    public void setChecked(boolean check){
        cbStatus.setChecked(check);
        //根据状态更新文本描述
        if(check){
            tvDesc.setText(mDescOn);
        }else{
            tvDesc.setText(mDescOff);
        }
    }
}
```