

1. 使用ImageGetter的场景

Android中用于显示文本的控件为textView，textView不仅仅能显示文本，同时也能显示富文本，即一些包含html标签的文本。

```
1 //显示普通文本
2 textView.setText("普通文本");
3 //显示html富文本
4 textView.setText(Html.fromHtml("<b>普通文本</b>"))
5 //显示html富文本且包含图片
6 textView.setText(Html.fromHtml("<b>普通文本</b><img src = \"url\"></img>", imageGetter,
```

2. ImageGetter介绍

```
public class Html {
    /**
     * Retrieves images for HTML <img> tags.
     */
    public static interface ImageGetter {
        /**
         * This method is called when the HTML parser encounters an
         * <img> tag. The <code>source</code> argument is the
         * string from the "src" attribute; the return value should be
         * a Drawable representation of the image or <code>null</code>
         * for a generic replacement image. Make sure you call
         * setBounds() on your Drawable if it doesn't already have
         * its bounds set.
         */
        public Drawable getDrawable(String source);
    }
}
```

ImageGetter是一个接口，主要用于解析 ""里的src属性，返回drawable，再使用drawable时需要确保drawable里有大小即Bounds

3. 简单示例

- 新建activity

```
1 public class TestImageGetter extends Activity {
2
3     private TextView tv;
4     private static final String url1
5     = "https://ss1.bdstatic.com/kvoZeXSm1A5BphGlnYG/newmusic/jingdianlaoge.png";
6     private static final String url2
7     = "https://ss0.bdstatic.com/k4oZeXSm1A5BphGlnYG/newmusic/lovesong.png";
8
9     @Override
10    protected void onCreate(@Nullable Bundle savedInstanceState) {
11        super.onCreate(savedInstanceState);
12        setContentView(R.layout.act_tv_demo);
13        tv = (TextView) findViewById(R.id.tv);
14        String source = "this is a test of <b>ImageGetter</b> it contains " +
15            "two images: <br/>" +
16            "<img src=\"" + url1 + "\">and" +
17            "<img src=\"" + url2 + "\">";
18        MyImageGetter myImageGetter = new MyImageGetter();
19        tv.setText(Html.fromHtml(source, myImageGetter, null));
20    }
21
22    class MyImageGetter implements Html.ImageGetter {
23
24        @Override
25        public Drawable getDrawable(String source) {
26            Drawable drawable = getResources().getDrawable(R.mipmap.ic_launcher);
27            drawable.setBounds(0, 0, drawable.getIntrinsicWidth(),
28                drawable.getIntrinsicHeight());
29            return drawable;
30        }
31    }
32 }
```

- 在AndroidManifest中注册activity

```
1 <activity android:name=".TestImageGetter">
2     <intent-filter>
3         <action android:name="android.intent.action.MAIN" />
4
5         <category android:name="android.intent.category.LAUNCHER" />
6     </intent-filter>
7 </activity>
```

- 运行后结果

this is a test of **ImageGetter** it contains two images:

