# Other Resource – tài nguyên khác

 Vị trí lưu trữ:

**res/values/filename.xml**

### Bool: nguồn đúng sai – logical

**Ví dụ:**  
XML file saved at res/values-small/bools.xml:

<resources>

<bool name="screen\_small">true</bool>

<bool name="adjust\_view\_bounds">true</bool>

</resources>

Gọi trong java:

Resources res = getResources();

boolean screenIsSmall = res.getBoolean(R.bool.screen\_small);

Sử dụng trong XML layout view:

<imageview

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent"

android:adjustviewbounds="@bool/adjust\_view\_bounds"

android:src="@drawable/logo"/>

### Color – màu sắc

**Định dạng:**

* #RGB
* #ARGB
* #RRGGBB
* #AARRGGBB

**Ví dụ:**

XML file saved at res/values/colors.xml:

<resources>

<color name="opaque\_red">#f00</color>

<color name="translucent\_red">#80ff0000</color>

</resources>

Sử dụng trong Java:

Resources res = getResources();

int color = res.getColor(R.color.opaque\_red);

Sử dụng trong XML layout View:

<textview

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Hello"

android:textcolor="@color/translucent\_red" />

### Dimension – Kích cỡ, kích thước

**Đơn vị:**

* dp: Density-independent Pixels – Kích thước phụ thuộc thiết bị – hay sử  
  dụng
* sp: Scale-independent Pixels – giống dp – dùng cho font chữ
* pt: point – 1/72 of an inch based on the physical size of the screen.
* px: pixel
* mm: milimet
* in: inch

**Ví dụ:**

XML file saved at res/values/dimens.xml:

<resources>

<dimen name="textview\_height">25dp</dimen>

<dimen name="textview\_width">150dp</dimen>

<dimen name="ball\_radius">30dp</dimen>

<dimen name="font\_size">16sp</dimen>

</resources>

Sử dụng trong Java:

Resources res = getResources();

float fontSize = res.getDimension(R.dimen.font\_size);

Sử dụng trong XML Layout View

<TextView

android:layout\_width="@dimen/textview\_width"

android:layout\_height="@dimen/textview\_height"

android:textsize="@dimen/font\_size" />

### ID – Định danh

Lưu định danh để sử dụng

**Ví dụ:**  
XML file saved at res/values/ids.xml:

<resources>

<item name="button\_ok" type="id">

<item name="dialog\_exit" type="id">

</item>

</item>

</resources>

Then, this layout snippet uses the “button\_ok” ID for a Button widget:

<button android:id="@id/button\_ok"/>

### Integer – số

**Ví dụ:**  
XML file saved at res/values/integers.xml:

<resources>

<integer name="max\_speed">75</integer>

<integer name="min\_speed">5</integer>

</resources>

Sử dụng trong Java:

Resources res = getResources();

int maxSpeed = res.getInteger(R.integer.max\_speed);

### Integer Array – mảng số

**Ví dụ:**  
XML file saved at res/values/integers.xml:

<resources>

<integer-array name="bits">

<item>4</item>

<item>8</item>

<item>16</item>

<item>32</item>

</integer-array>

</resources>

Sử dụng trong Java

Resources res = getResources();

int[] bits = res.getIntArray(R.array.bits);

### Typed Array – Mảng của nhiều Resource

**ví dụ:**  
XML file saved at res/values/arrays.xml:

<resources>

<array name="icons">

<item>@drawable/home</item>

<item>@drawable/settings</item>

<item>@drawable/logout</item>

</array>

<array name="colors">

<item>#FFFF0000</item>

<item>#FF00FF00</item>

<item>#FF0000FF</item>

</array>

</resources>

Gọi trong Java

Resources res = getResources();

TypedArray icons = res.obtainTypedArray(R.array.icons);

Drawable drawable = icons.getDrawable(0);

TypedArray colors = res.obtainTypedArray(R.array.colors);

int color = colors.getColor(0,0);

**Trích**

* <http://developer.android.com/intl/vi/guide/topics/resources/more-resources.html>