**mport** android.app.Activity;

**import** android.content.Context;

**import** android.content.res.TypedArray;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.view.ViewGroup;

**import** android.widget.AdapterView;

**import** android.widget.AdapterView.OnItemClickListener;

**import** android.widget.BaseAdapter;

**import** android.widget.Gallery;

**import** android.widget.ImageView;

**import** android.widget.Toast;

**public** **class** GalleryActivity **extends** Activity {

Integer[] imageIDs = {R.drawable.*pic1*,R.drawable.*pic2*};

/\*\* Called when the activity is first created. \*/

@Override

**public** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.*main*);

Gallery gallery = (Gallery) findViewById(R.id.*gallery1*);

gallery.setAdapter(**new** ImageAdapter(**this**));

gallery.setOnItemClickListener(**new** OnItemClickListener() {

**public** **void** onItemClick(AdapterView<?> parent, View v, **int** position,**long** id)

{

Toast.*makeText*(getBaseContext(),"pic" + (position + 1) + " selected",

Toast.*LENGTH\_SHORT*).show();

ImageView imageView = (ImageView) findViewById(R.id.*image1*);

imageView.setImageResource(imageIDs[position]);

}

});

}

**public** **class** ImageAdapter **extends** BaseAdapter {

**private** Context context;

**private** **int** itemBackground;

**public** ImageAdapter(Context c)

{

context = c;

TypedArray a =obtainStyledAttributes(R.styleable.*MyGallery*);

itemBackground = a.getResourceId(R.styleable.*MyGallery\_android\_galleryItemBackground*, 0);

a.recycle();

}

**public** **int** getCount() {

**return** imageIDs.length;

}

**public** Object getItem(**int** position) {

**return** position;

}

**public** **long** getItemId(**int** position) {

**return** position;

}

**public** View getView(**int** position, View convertView, ViewGroup parent) {

ImageView imageView = **new** ImageView(context);

imageView.setImageResource(imageIDs[position]);

imageView.setLayoutParams(**new** Gallery.LayoutParams(100, 100));

imageView.setBackgroundResource(itemBackground);

**return** imageView;

}

}

}

<?xml version=*"1.0"* encoding=*"utf-8"*?>

<LinearLayout xmlns:android=*"http://schemas.android.com/apk/res/android"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"fill\_parent"*

android:orientation=*"vertical"* >

<Gallery

android:id=*"@+id/gallery1"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"* />

<ImageView

android:id=*"@+id/image1"*

android:layout\_width=*"215dp"*

android:layout\_height=*"315dp"*

android:layout\_gravity=*"center\_horizontal"*

android:background=*"#cfcfcf"*

android:paddingTop=*"5dp"*

android:paddingBottom=*"5dp"*

android:paddingLeft=*"10dp"*

android:paddingRight=*"10dp"*

android:src=*"@drawable/pic1"* />

<TextView

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"*

android:text=*"@string/hello"* />

</LinearLayout>