**ViewPager切换动画**

public class ZoomOutPageTransformer implements ViewPager.PageTransformer {  
    private static final float MIN\_SCALE = 0.85f;  
    private static final float MIN\_ALPHA = 0.5f;  
  
    public void transformPage(View view, float position) {  
        int pageWidth = view.getWidth();  
        int pageHeight = view.getHeight();  
  
        if (position < -1) { // [-Infinity,-1)  
            // This page is way off-screen to the left.  
            view.setAlpha(0);  
  
        } else if (position <= 1) { // [-1,1]  
            // Modify the default slide transition to shrink the page as well  
            float scaleFactor = Math.max(MIN\_SCALE, 1 - Math.abs(position));  
            float vertMargin = pageHeight \* (1 - scaleFactor) / 2;  
            float horzMargin = pageWidth \* (1 - scaleFactor) / 2;  
            if (position < 0) {  
                view.setTranslationX(horzMargin - vertMargin / 2);  
            } else {  
                view.setTranslationX(-horzMargin + vertMargin / 2);  
            }  
            // Scale the page down (between MIN\_SCALE and 1)  
            view.setScaleX(scaleFactor);  
            view.setScaleY(scaleFactor);  
  
            // Fade the page relative to its size.  
            view.setAlpha(MIN\_ALPHA +  
                    (scaleFactor - MIN\_SCALE) /  
                    (1 - MIN\_SCALE) \* (1 - MIN\_ALPHA));  
        } else { // (1,+Infinity]  
            // This page is way off-screen to the right.  
            view.setAlpha(0);  
        }  
    }  
}

public class DepthPageTransformer implements ViewPager.PageTransformer {  
    private static final float MIN\_SCALE = 0.75f;  
  
    public void transformPage(View view, float position) {  
        int pageWidth = view.getWidth();  
  
        if (position < -1) { // [-Infinity,-1)  
            // This page is way off-screen to the left.  
            view.setAlpha(0);  
  
        } else if (position <= 0) { // [-1,0]  
            // Use the default slide transition when moving to the left page  
            view.setAlpha(1);  
            view.setTranslationX(0);  
            view.setScaleX(1);  
            view.setScaleY(1);  
  
        } else if (position <= 1) { // (0,1]  
            // Fade the page out.  
            view.setAlpha(1 - position);  
  
            // Counteract the default slide transition  
            view.setTranslationX(pageWidth \* -position);  
  
            // Scale the page down (between MIN\_SCALE and 1)  
            float scaleFactor = MIN\_SCALE  
                    + (1 - MIN\_SCALE) \* (1 - Math.abs(position));  
            view.setScaleX(scaleFactor);  
            view.setScaleY(scaleFactor);  
  
        } else { // (1,+Infinity]  
            // This page is way off-screen to the right.  
            view.setAlpha(0);  
        }  
    }  
}