**CustomZoomImgView**

**Component Description:**

**ImageView**

**└CustomZoomImgView**

This class is custom image view capable of zoom in and zoom out on pinch in & pinch out events.

**Public methods :**

1. public float getMinZoomLevel()

Returns minimum zoom level for the image.

2. public void setMinZoomLevel(float minZoomLevel)

Sets minimum zoom level for the image.

3. public float getMaxZoomLevel()

Returns maximum zoom level for the image

4. public void setMaxZoomLevel(float maxZoomLevel)

Sets maximum zoom level for the image.

5. public void zoomImage(float scale)

Zooms the image by scale about center point of the bitmap.

6. public void setImageBitmap(Bitmap bm)

This method from ImageView is overridden in CustomZoomImgView. It sets the bitmap bm as the content of CustomZoomImgView.

Note : Any previous bitmap of the view will be recycled.

7.public void setZoomStyle(ZoomStyle objZoomStyle)

This method sets the zoomstyle (HORIZONTALONLY, VERTICALONLY, BOTHDIRACTION)

8. public void setPivotPoint(PivotPoint objPivotPoint)

This method sets the pivot point for zooming (CENTER, TOPLEFT, TOPRIGHT, BOTTOMLEFT, BOTTOMRIGHT).

**Example Usage:**

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

xmlns:tools=*"http://schemas.android.com/tools"*

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

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

android:background=*"#00000000"*

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

tools:context=*".MainActivity"* >

<com.customc.customzoomview.CustomZoomImgView

android:id=*"@+id/customImageVIew1"*

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

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

android:layout\_alignParentTop=*"true"*

android:layout\_centerHorizontal=*"true"*

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

</RelativeLayout>

**Note:** The demo project CustomZoomView is a library project. If you want to run the demo project, first you need to uncheck its library project option. You can use this component by either simply copying respective files in your project or adding the CustomZoomView project as a library.

1> If you simply copy paste the files in your project, Compass2DView will be available to you in **Palette window** under **Custom & Library views** option.

2>If you add it as a library project, Compass2DView should be there in **Palette window** under **Custom & Library views** option. If not, then you need to add it manually in XML. To do so, you just need to copy the above highlighted text and paste it in your XML.

**File List with description for the file:**

|  |  |  |
| --- | --- | --- |
| No. | File Name | Description |
| 1 | com.customc.customzoomview.CustomZoomImgView | This class is custom image view capable of zoom in and zoom out on pinch in & pinch out events. |

**Contact information for the programmer:**

Yogesh Pangam.

**Known Bugs:**