**Custom\_dial API Introduction**

class RGBAPlatformDiffTxtUtils

Description: Custom time, date style dial

method:

public RGBAPlatformDiffTxtUtils(Context mContext, boolean isRGBAPlatform) ;

Method Description: Constructor

Parameter Description

|  |  |
| --- | --- |
| mContext | the context |
| isRGBAPlatform | Whether it is an RGBA platform is determined by the value of the lcd\_pixel\_type parameter of the watch information, 1: RGBA platform 0: non-RGBA platform |

method

public void setTypeface(Typeface typeface) ;

Method description: set the font

Parameter Description

|  |  |
| --- | --- |
| type face | font |

method

public void showData(boolean isShow) ;

Method description: Whether to display the week and date below the time

Parameter Description

|  |  |
| --- | --- |
| isShow | True: display false do not display |

method

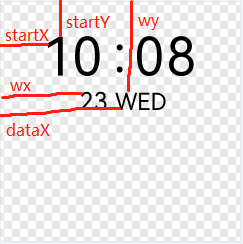
public void produceDialBin(@NonNull CustomDiffTxtColorDialParam customDiffTxtColorDialParam, CustomDialCallback customDialCallback) ;

Method description: Generate dial file

CustomDiffTxtColorDialParam parameter description

|  |  |
| --- | --- |
| backBitmap | background image |
| screenWidth | Screen width, obtained through watch information |
| screenHigh | The screen height is obtained through the watch information |
| cornerRadius | Corner radius, obtained through watch information |
| screenType | Screen type, obtained through the watch screen |
| startX | The x-axis coordinate of the time start point, relative to the upper left corner of the screen |
| start Y | The y-axis coordinate of the time start point, relative to the upper left corner of the screen |
| wx | The x-axis coordinate of the start point of the week, relative to the upper left corner of the screen |
| wy | The y-axis coordinate of the start point of the week, relative to the upper left corner of the screen |
| txtColor | Time, week, date text color |
| dateX | Date x-axis coordinates, relative to the upper left corner of the screen |
| pWidth | The width of the thumbnail, obtained through watch information |
| pHHigh | The height of the thumbnail, obtained through watch information |

An example of each coordinate point is as follows



method

public Bitmap produceDialThumbnail(Bitmap backBitMap, int screenWidth, int screenHigh, int cornerRadius, int screenType, int startX, int startY, int dateX, int dateY, int txtColor, int txtSpace);

Method description: Generate thumbnails

Parameter Description

|  |  |
| --- | --- |
| backBitMap | background image |
| screenWidth | screen width |
| screenHigh | screen height |
| cornerRadius | Corner Radius |
| screenType | screen type |
| startX | The x-axis coordinate of the time start point, relative to the upper left corner of the screen |
| start Y | The y-axis coordinate of the time start point, relative to the upper left corner of the screen |
| dateX | The x-axis coordinate of the start point of the week, relative to the upper left corner of the screen |
| date Y | The y-axis coordinate of the start point of the week, relative to the upper left corner of the screen |
| txtColor | Time, week, date text color |
| txtSpace | Date x-axis coordinates, relative to the upper left corner of the screen |

method

public void destroy() ;

Method description: Destroy the resource, and the resource must be destroyed when the use is over

class RGBAPointUtils

Description : Custom pointer dial

method

public RGBAPointUtils(Context mContext, boolean isRGBAPlatform) ;

Method Description: Constructor

Parameter Description

|  |  |
| --- | --- |
| mContext | the context |
| isRGBAPlatform | Whether it is an RGBA platform is determined by the value of the lcd\_pixel\_type parameter of the watch information, 1: RGBA platform 0: non-RGBA platform |

method

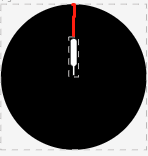
public void produceDialBin(@NonNull CustomPointDialParam CustomPointDialParam, CustomDialCallback customDialCallback)

Method description: Generate dial file

Parameter Description

CustomPointDialParam parameter:

|  |  |
| --- | --- |
| screenWidth | Watch screen width |
| screenHigh | watch screen height |
| previewWidth | preview image width |
| previewHigh | preview image height |
| backBitmap | background image |
| hourBitmap | clock map |
| minuteBitmap | minute chart |
| secondBitmap | Second hand chart |
| previewBitmap; | For the display diagram of hours, minutes and seconds, please refer to the demo for details |
| screenType | Screen shape, 1 round, 0 square |
| cornerRadius | Corner Radius |
| hTop | When the hour hand points to 12 o'clock, the distance from the top of the picture to the top of the screen, as shown in the red line in the figure below |
| mTop | When the minute hand points to 12 o'clock, the distance from the top of the picture to the top of the screen, as shown in the red line in the figure below |
| sTop | When the second hand points to 12 o'clock, the distance from the top of the picture to the top of the screen, as shown in the red line in the figure below |
|  |  |



CustomDialCallback : dial file address generated by callback

public Bitmap produceDialThumbnail(Bitmap backBitMap, int screenWidth, int screenHigh, int cornerRadius, int screenType, Bitmap prewBitmap)

Method description: generate preview file

Parameter Description

|  |  |
| --- | --- |
| backBitMap | background image |
| screenWidth | screen width |
| screenHigh | screen height |
| cornerRadius | Corner Radius |
| screenType | Screen shape, 1 round, 0 square |
| prewBitmap | For the display diagram of hours, minutes and seconds, please refer to the demo for details |

public void destroy()

Method Description: Destroy resources (when the call ends or the page ends, the resources must be destroyed)