# 主题Theme

主要关注themes.xml,themes\_device\_defaults.xml两个文件。

themes.xml定义了android低版本的theme和Holo theme，themes\_device\_defaults.xml定义了DeviceDefault主题（继承自Holo主题），实际上就是在Holo主题上定制主题（For厂商）。

系统如何去选择默认的主题呢？

/\*\*

\* Returns the most appropriate default theme for the specified target SDK version.

\* <ul>

\* <li>Below API 11: Gingerbread

\* <li>APIs 12 thru 14: Holo

\* <li>APIs 15 thru 23: Device default dark

\* <li>APIs 24 and above: Device default light with dark action bar

\* </ul>

\*

\* @param curTheme The current theme, or 0 if not specified.

\* @param targetSdkVersion The target SDK version.

\* @return A theme resource identifier

\* @hide

\*/

public static int selectDefaultTheme(int curTheme, int targetSdkVersion) {

return selectSystemTheme(curTheme, targetSdkVersion,

com.android.internal.R.style.Theme,

com.android.internal.R.style.Theme\_Holo,

com.android.internal.R.style.Theme\_DeviceDefault,

com.android.internal.R.style.Theme\_DeviceDefault\_Light\_DarkActionBar);

}

/\*\* @hide \*/

public static int selectSystemTheme(int curTheme, int targetSdkVersion, int orig, int holo,

int dark, int deviceDefault) {

if (curTheme != 0) {

return curTheme;

}

if (targetSdkVersion < Build.VERSION\_CODES.HONEYCOMB) {

return orig;

}

if (targetSdkVersion < Build.VERSION\_CODES.ICE\_CREAM\_SANDWICH) {

return holo;

}

if (targetSdkVersion < Build.VERSION\_CODES.N) {

return dark;

}

return deviceDefault;

}

# AlertActivity

在开发过程中，如果在一个Recevier里面收到一条广播后需要进行弹出Dialog的处理，那么这时就需要使用到AlertActivity了，就是用Activity来模拟出Dialog，因为在Android中，Recevier里面是不能弹出Dialog的。

<http://007hiccup.blog.163.com/blog/static/444976192014721348761/>

**mAdvanceKey** = KeyEvent.***KEYCODE\_DPAD\_RIGHT***;  
**mRetreatKey** = KeyEvent.***KEYCODE\_DPAD\_LEFT***;

# APP

## DatePickerDialog

**final** Context themeContext = getContext();  
**final** LayoutInflater inflater = LayoutInflater.*from*(themeContext);  
**final** View view = inflater.inflate(R.layout.date\_picker\_dialog, **null**);  
setView(view);  
  
setButton(***BUTTON\_POSITIVE***, themeContext.getString(R.string.ok), **this**);  
setButton(***BUTTON\_NEGATIVE***, themeContext.getString(R.string.cancel), **this**);

android-7.1.1\_r1/frameworks/base/core/res/res/layout/date\_picker\_dialog.xml

<**DatePicker xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/datePicker"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:spinnersShown="true"  
 android:calendarViewShown="false"  
 android:dialogMode="true"** />

## TimePickerDialog

为何最终进入的是android.widget.TimePicker.而不是**com.android.contacts.datepicker.DatePicker呢**

## Notification