Android Setting显示开发者选项的逻辑，有需要可以参考下。

默认User版本没有“开发者选项”，我们可以通过点击版本号4次来显示开发者模式，今天来看下代码中是如何处理的：

首先是packages/apps/Settings/src/com/android/settings/Settings.java的初始化处理：

布尔值showDev是否默认显示“开发者选项”：

final boolean showDev = mDevelopmentPreferences.getBoolean(

DevelopmentSettings.PREF\_SHOW,

android.os.Build.TYPE.equals("eng"));

如果想让开发者选项默认显示，不需要点击4次版本号，可直接将showDev置为true即可：

final boolean showDev = true;

如果showDev为false，则在如下代码中隐藏“开发者选项”：

if (id == R.id.development\_settings) {

if (!showDev) {

target.remove(i);

}

}

下面看一下点击版本号显示开发者选项的部分：

代码路径：packages/apps/Settings/[src](http://cpro.baidu.com/cpro/ui/uijs.php?adclass=0&app_id=0&c=news&cf=1001&ch=0&di=128&fv=15&is_app=0&jk=b659deaa2cbf9b83&k=src&k0=src&kdi0=0&luki=2&n=10&p=baidu&q=48098089_cpr&rb=0&rs=1&seller_id=1&sid=839bbf2caade59b6&ssp2=1&stid=0&t=tpclicked3_hc&td=2051930&tu=u2051930&u=http%3A%2F%2Fwww%2Eaichengxu%2Ecom%2Fview%2F38609&urlid=0)/com/android/settings/DeviceInfoSettings.java

首先是定义点击次数：

static final int TAPS\_TO\_BE\_A\_DEVELOPER = 4;

点击[版本号](http://cpro.baidu.com/cpro/ui/uijs.php?adclass=0&app_id=0&c=news&cf=1001&ch=0&di=128&fv=15&is_app=0&jk=b659deaa2cbf9b83&k=%B0%E6%B1%BE%BA%C5&k0=%B0%E6%B1%BE%BA%C5&kdi0=0&luki=3&n=10&p=baidu&q=48098089_cpr&rb=0&rs=1&seller_id=1&sid=839bbf2caade59b6&ssp2=1&stid=0&t=tpclicked3_hc&td=2051930&tu=u2051930&u=http%3A%2F%2Fwww%2Eaichengxu%2Ecom%2Fview%2F38609&urlid=0)的处理逻辑，若mDevHitCountdown小于0，则表示”开发者选项“已经显示，参考Resume[函数](http://cpro.baidu.com/cpro/ui/uijs.php?adclass=0&app_id=0&c=news&cf=1001&ch=0&di=128&fv=15&is_app=0&jk=b659deaa2cbf9b83&k=%BA%AF%CA%FD&k0=%BA%AF%CA%FD&kdi0=0&luki=1&n=10&p=baidu&q=48098089_cpr&rb=0&rs=1&seller_id=1&sid=839bbf2caade59b6&ssp2=1&stid=0&t=tpclicked3_hc&td=2051930&tu=u2051930&u=http%3A%2F%2Fwww%2Eaichengxu%2Ecom%2Fview%2F38609&urlid=0)的处理：

if (preference.getKey().equals(KEY\_BUILD\_NUMBER)) {

// Don't enable developer options for secondary users.

if (UserHandle.myUserId() != UserHandle.USER\_OWNER) return true;

if (mDevHitCountdown > 0) {

if (mDevHitCountdown == 1) {

if (super.ensurePinRestrictedPreference(preference)) {

return true;

}

}

mDevHitCountdown--;

if (mDevHitCountdown == 0) {

getActivity().getSharedPreferences(DevelopmentSettings.PREF\_FILE,

Context.MODE\_PRIVATE).edit().putBoolean(

DevelopmentSettings.PREF\_SHOW, true).apply();

if (mDevHitToast != null) {

mDevHitToast.cancel();

}

mDevHitToast = Toast.makeText(getActivity(), R.string.show\_dev\_on,

Toast.LENGTH\_LONG);

mDevHitToast.show();

} else if (mDevHitCountdown > 0

&& mDevHitCountdown < (TAPS\_TO\_BE\_A\_DEVELOPER-2)) {

if (mDevHitToast != null) {

mDevHitToast.cancel();

}

mDevHitToast = Toast.makeText(getActivity(), getResources().getQuantityString(

R.plurals.show\_dev\_countdown, mDevHitCountdown, mDevHitCountdown),

Toast.LENGTH\_SHORT);

mDevHitToast.show();

}

} else if (mDevHitCountdown < 0) {

if (mDevHitToast != null) {

mDevHitToast.cancel();

}

mDevHitToast = Toast.makeText(getActivity(), R.string.show\_dev\_already,

Toast.LENGTH\_LONG);

mDevHitToast.show();

}

}

Resume[函数](http://cpro.baidu.com/cpro/ui/uijs.php?adclass=0&app_id=0&c=news&cf=1001&ch=0&di=128&fv=15&is_app=0&jk=b659deaa2cbf9b83&k=%BA%AF%CA%FD&k0=%BA%AF%CA%FD&kdi0=0&luki=1&n=10&p=baidu&q=48098089_cpr&rb=0&rs=1&seller_id=1&sid=839bbf2caade59b6&ssp2=1&stid=0&t=tpclicked3_hc&td=2051930&tu=u2051930&u=http%3A%2F%2Fwww%2Eaichengxu%2Ecom%2Fview%2F38609&urlid=0)：

@Override

public void onResume() {

super.onResume();

PreferenceGroup parentPreference = getPreferenceScreen();

mDevHitCountdown = getActivity().getSharedPreferences(DevelopmentSettings.PREF\_FILE,

Context.MODE\_PRIVATE).getBoolean(DevelopmentSettings.PREF\_SHOW,

android.os.Build.TYPE.equals("eng")) ? -1 : TAPS\_TO\_BE\_A\_DEVELOPER;

mDevHitToast = null;

}