

Android-WebView中全屏问题

问题详述：

使用WebView加载SaaS-H5观看页时，点击全屏按钮无反应

解决方案：

1. WebSettings配置需要添加webSettings.setUseWideViewPort(true);
2. 处理自定义WebChromeClient

```
public class WVChromeClient extends WebChromeClient {
    private Context _context;
    private AndroidWebViewActivity _m;
    public WVChromeClient(Context context, AndroidWebViewActivity mainActivity)
    {
        _context = context;
        _m = mainActivity;
    }

    @Override
    public void onProgressChanged(WebView view, int newProgress) {
        super.onProgressChanged(view, newProgress);
        Log.d("MainActivity", "newProgress: "+ newProgress );
    }

    @Nullable
    @Override
    public Bitmap getDefaultVideoPoster() {
        return Bitmap.createBitmap(10, 10, Bitmap.Config.ARGB_8888);
    }

    @Override
    public void onShowCustomView(View view, CustomViewCallback callback) {
        _m.showCustomView(view ,callback);
    }

    @Override
    public void onHideCustomView() {
        _m.hideCustomView();
    }
}
```

3. 处理全屏，退出全屏

```

/** 视频全屏参数 */
protected static final FrameLayout.LayoutParams COVER_SCREEN_PARAMS = new
FrameLayout.LayoutParams(ViewGroup.LayoutParams.MATCH_PARENT, ViewGroup.LayoutParams.MATCH_PARENT);
private View customView;
private FrameLayout fullscreenContainer;
private WebChromeClient.CustomViewCallback customViewCallback;
/** 视频播放全屏 */
public void showCustomView(View view, WebChromeClient.CustomViewCallback callback) {
    // if a view already exists then immediately terminate the new one
    if (customView != null) {
        callback.onCustomViewHidden();
        return;
    }
    setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE);
    AndroidWebViewActivity.this.getWindow().getDecorView();

    FrameLayout decor = (FrameLayout) getWindow().getDecorView();
    fullscreenContainer = new FullscreenHolder(AndroidWebViewActivity.this);
    fullscreenContainer.addView(view, COVER_SCREEN_PARAMS);
    decor.addView(fullscreenContainer, COVER_SCREEN_PARAMS);
    customView = view;
    setStatusBarVisibility(false);
    customViewCallback = callback;
}

/** 隐藏视频全屏 */
public void hideCustomView() {
    if (customView == null) {
        return;
    }
    setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);
    setStatusBarVisibility(true);
    FrameLayout decor = (FrameLayout) getWindow().getDecorView();
    decor.removeView(fullscreenContainer);
    fullscreenContainer = null;
    customView = null;
    customViewCallback.onCustomViewHidden();
    webView.setVisibility(View.VISIBLE);
}

/** 全屏容器界面 */
static class FullscreenHolder extends FrameLayout {

    public FullscreenHolder(Context ctx) {
        super(ctx);
        setBackgroundColor(ctx.getResources().getColor(android.R.color.black));
    }

    @Override
    public boolean onTouchEvent(MotionEvent evt) {
        return true;
    }
}

private void setStatusBarVisibility(boolean visible) {

```

```

        int flag = visible ? 0 : WindowManager.LayoutParams.FLAG_FULLSCREEN;
        getWindow().setFlags(flag, WindowManager.LayoutParams.FLAG_FULLSCREEN);
    }

    @Override
    public boolean onKeyUp(int keyCode, KeyEvent event) {
        switch (keyCode) {
            case KeyEvent.KEYCODE_BACK:
                /** 后退键 事件处理 优先级:视频播放全屏-网页回退-关闭页面 */
                if (customView != null) {
                    hideCustomView();
                } else if (webView.canGoBack()) {
                    webView.goBack();
                } else {
                    finish();
                }
                return true;
            default:
                return super.onKeyUp(keyCode, event);
        }
    }
}

```

4. Manifest中配置activity属性

```

<activity android:name=".AndroidWebViewActivity"
    android:configChanges="keyboardHidden|orientation|screenSize"/>

```