

NBMediation 对接说明

解压 om-sample.zip

adapter 和 adapter_cn 为聚合 SDK Adapter 源码，引入到目标工程。

libs 里为三方变现 SDK，引入到工程。

Android Studio 配置参考 demo 进行配置，文档可能有更新不及时的情况。

一、引入 SDK 步骤

- 1、引入 NBMediation SDK

```
//NBMediation  
implementation(name: 'nm-android-sdk', ext: 'aar')
```

- 2、引入聚合的 SDK 和相对应的 adapter，完全参考 demo 的 build.gradle 即可。

```
//tencentad cn  
implementation(name: 'GDTSDK.unionNormal.4.191.1061', ext: 'aar')  
implementation(name: 'android-query-full.0.26.7', ext: 'jar')  
implementation project(path: ':adapter_cn:tencentad')  
  
//tiktok cn  
implementation(name: 'open_ad_sdk_2.9.5.5', ext: 'aar')  
implementation project(path: ':adapter_cn:tiktok')
```

二、聚合 SDK 初始化

请在 Application 的 onCreate 里面初始化聚合 SDK,或者在 SplashActivity 里初始化，接入开屏请参考第六章节

```

private void initSDK() {
    NewApiUtils.printLog(msg: "start init sdk");
    NmAds.init(activity: this, NewApiUtils.APPKEY, new InitCallback() {
        @Override
        public void onSuccess() {
            NewApiUtils.printLog(msg: "init success");
            setVideoListener();
            setInterstitialListener();
        }

        @Override
        public void onError(Error result) {
            NewApiUtils.printLog(msg: "init failed." + result.toString());
        }
    });
}

```

这里需要传入一个 AppKey，请在聚合后台获取，具体请看下图，点击复制即可：

新蜂聚合

Overview

Apps

Reporting

Apps

Copied App Key value to the clipboard

Add App

App	Platform	App Key	Active Placements	Operations
汤姆快跑 http://apps.apple.com/cn/app...	iOS		Rewarded Video x 1 Interstitial x 1	Disable
全民来养猪 com.yangzhu.mi	Android		Rewarded Video x 2 Interstitial x 1	Disable
tws测试 com.test.tws	Android		Rewarded Video x 2 Interstitial x 1	Disable
Smart Word Search 1136577472	iOS		Rewarded Video x 2 Interstitial x 3	Disable
Twitter com.twitter.android	Android		Rewarded Video x 1 Interstitial x 1	Disable
抖音短视频 1142110895	iOS		Rewarded Video x 1 Interstitial x 1	Disable
2048 777	Android	<div>Copy</div>	Rewarded Video x 2 Interstitial x 1	Disable
1024 666	iOS		Rewarded Video x 2 Interstitial x 1	Disable

三、激励视频和插屏接入

激励视频和插屏库存，由 SDK 进行管理，开发者判断广告准备就绪，调用展示接口即可。

这里通过下图接口来判断，返回 true 表示激励视频或者插屏已准备就绪，可以调用 showAd 方法展示广告

```

.....if (RewardedVideoAd.isReady()) {
.....    setRewardVideoButtonStat(true);
.....}
.....if (InterstitialAd.isReady()) {
.....    setInterstitialButtonStat(true);
.....}

```

```

).....public void showRewardVideo(View view) {
.....    RewardedVideoAd.showAd();
.....    setRewardVideoButtonStat(false);
).....}

).....public void showInterstitial(View view) {
.....    InterstitialAd.showAd();
.....    setInterstitialButtonStat(false);
).....}

```

设置全局激励视频的监听回调：

```

private void setVideoListener() {
.....RewardedVideoAd.setAdListener(new RewardedVideoListener() {
.....    @Override
.....    public void onRewardedVideoAvailabilityChanged(boolean available) {
.....        if (available) {
.....            setRewardVideoButtonStat(true);
.....        }
.....    }

.....    @Override
.....    public void onRewardedVideoAdShown(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdShown " + scene); }

.....    @Override
.....    public void onRewardedVideoAdShowFailed(Scene scene, Error error) { NewApiUtils.printLog(msg: "onRewardedVideoAdShowFailed " + scene); }

.....    @Override
.....    public void onRewardedVideoAdClicked(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdClicked " + scene); }

.....    @Override
.....    public void onRewardedVideoAdClosed(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdClosed " + scene); }

.....    @Override
.....    public void onRewardedVideoAdStarted(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdStarted " + scene); }

.....    @Override
.....    public void onRewardedVideoAdEnded(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdEnded " + scene); }

.....    @Override
.....    public void onRewardedVideoAdRewarded(Scene scene) { NewApiUtils.printLog(msg: "onRewardedVideoAdRewarded " + scene); }
.....});
}

```

设置全局插屏的监听回调：

```

private void setInterstitialListener() {
    mInterstitialAd.setAdListener(new InterstitialAdListener() {
        @Override
        public void onInterstitialAdAvailabilityChanged(boolean available) {
            if (available) {
                setInterstitialButtonStat(true);
            }
        }

        @Override
        public void onInterstitialAdShown(Scene scene) { NewApiUtils.printLog(msg: "onInterstitialAdShown." + scene); }

        @Override
        public void onInterstitialAdShowFailed(Scene scene, Error error) { NewApiUtils.printLog(msg: "onInterstitialAdShowFailed." + scene); }

        @Override
        public void onInterstitialAdClosed(Scene scene) { NewApiUtils.printLog(msg: "onInterstitialAdClosed." + scene); }

        @Override
        public void onInterstitialAdClicked(Scene scene) { NewApiUtils.printLog(msg: "onInterstitialAdClicked." + scene); }
    });
}

```

具体请参考 DEMO 里的 `com.nbmediation.sdk.demo.MainActivity` 详情

四、Banner 接入

```

        bannerAd = new BannerAd(activity: this, NewApiUtils.P_BANNER, new BannerAdListener() {
            @Override
            public void onAdReady(View view) {
                try {
                    if (null != view.getParent()) {
                        ((ViewGroup) view.getParent()).removeView(view);
                    }
                    adContainer.removeAllViews();
                    RelativeLayout.LayoutParams layoutParams = new RelativeLayout.LayoutParams(
                        RelativeLayout.LayoutParams.WRAP_CONTENT, RelativeLayout.LayoutParams.WRAP_CONTENT);
                    layoutParams.addRule(RelativeLayout.CENTER_IN_PARENT);
                    adContainer.addView(view, layoutParams);
                } catch (Exception e) {
                    Log.e(tag: "AdtDebug", e.getLocalizedMessage());
                }
                bannerButton.setEnabled(true);
                bannerButton.setText("Load And Show Banner Ad");
            }

            @Override
            public void onAdFailed(String error) {
                bannerButton.setEnabled(true);
                bannerButton.setText("Banner Load Failed, Try Again");
            }

            @Override
            public void onAdClicked() {

        }
    });
    bannerAd.setAdSize(AdSize.AD_SIZE_320X50);
    bannerAd.loadAd();

```

这里的广告位 ID 请去聚合后台查找

新蜂聚合

Overview

Apps

2048

777

Apps Dashboard

Placements

Ad Network

Mediation

SDK Intergration

Reporting

Placements

Type

Apply

Add Placement

Placement	Type	Enable Scenes	Traffic Control	Operations
Banner-Cloudmobi Banner 260	Banner	--	Placement-level: Limited Scene-level: All	Edit Disable
two_banner Banner 259	Banner	--	Placement-level: All Scene-level: All	Edit Disable
NATIVE Native 258	Native	--	Placement-level: All Scene-level: All	Edit Disable
Banner Banner 256	Banner	--	Placement-level: Limited Scene-level: All	Edit Disable
Default_Interstitial Interstitial 235	Interstitial	1	Placement-level: All Scene-level: All	Edit Disable
Default_RewardVideo Rewarded Video 236	Rewarded Video	1	Placement-level: Limited Scene-level: All	Edit Disable
Default_RewardVideo2 Rewarded Video 246	Rewarded Video	1	Placement-level: Limited Scene-level: All	Edit Enable

五、native 接入

```
private NativeAd mNativeAd = new NativeAd(activity: this, NewApiUtils.P_NATIVE, new NativeAdListener() {
    @Override
    public void onAdFailed(String msg) {
        mNativeButton.setEnabled(true);
        mNativeButton.setText("Native Load Failed, Try Again");
    }

    @Override
    public void onAdReady(AdInfo info) {
        adContainer.removeAllViews();
        adView = LayoutInflater.from(MainActivity.this).inflate(R.layout.native_ad_layout, null);

        TextView title = adView.findViewById(R.id.ad_title);
        title.setText(info.getTitle());

        TextView desc = adView.findViewById(R.id.ad_desc);
        desc.setText(info.getDesc());

        Button btn = adView.findViewById(R.id.ad_btn);
        btn.setText(info.getCallToActionText());

        MediaView mediaView = adView.findViewById(R.id.ad_media);
        mNativeAdView = new NativeAdView(context: MainActivity.this);

        AdIconView adIconView = adView.findViewById(R.id.ad_icon_media);

        DisplayMetrics displayMetrics = MainActivity.this.getResources().getDisplayMetrics();
        mediaView.getLayoutParams().height = (int) (displayMetrics.widthPixels / (1200.0 / 627.0));

        mNativeAdView.addView(adView);
```

```

        nativeAdView.setTitleView(title);
        nativeAdView.setDescView(desc);
        nativeAdView.setAdIconView(adIconView);
        nativeAdView.setCallToActionView(btn);
        nativeAdView.setMediaView(mediaView);

        nativeAd.registerNativeAdView(nativeAdView);
        RelativeLayout.LayoutParams layoutParams = new RelativeLayout.LayoutParams(
            RelativeLayout.LayoutParams.WRAP_CONTENT, RelativeLayout.LayoutParams.WRAP_CONTENT);
        adContainer.addView(nativeAdView, layoutParams);
        nativeButton.setEnabled(true);
        nativeButton.setText("Load And Show Native Ad");
    }

    @Override
    public void onAdClicked() {

    }
});
nativeAd.loadAd();

```

六、开屏接入

- 1、可新建 SplashActivity 作为 app 主 Activity
- 2、在 SplashActivity 中初始化 SDK，并在成功回调中展示开屏。