NBMediation 对接说明

```
 ▶  dependencies {
        implementation fileTree(dir: 'libs', include: ['*.jar'])
        implementation rootProject.ext.dependencies.multidex
 ○      implementation 'com.android.support:appcompat-v7:28.0.0'
 ○      implementation 'com.android.support.constraint:constraint-layout:1.1.3'
 ○      implementation 'com.android.support:support-v4:28.0.0'
 ○      testImplementation 'junit:junit:4.12'
 ○      androidTestImplementation 'com.android.support.test:runner:1.0.2'
 ○   💡 androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.2'

        //NBMediation
        implementation(name: 'nm-android-sdk', ext: 'aar')        首先引入NBMediation SDK

        //cloudmobi cn
        implementation(name: 'suib_base_4.2.7_sucn', ext: 'jar')
        implementation(name: 'suib_imageloader_4.2.7_sucn', ext: 'jar')
        implementation(name: 'suib_video_4.2.7_sucn', ext: 'jar')
        implementation project(path: ':adapter_cn:cloudmobi')

        //hyadxopen cn
        implementation(name: 'hyadxopensdk', ext: 'aar')
        implementation project(path: ':adapter_cn:hyadxopen')

        //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')

        //AdColony
        implementation rootProject.ext.dependencies.adcolony
        implementation project(path: ':adapter:adcolony')

        //admob
        implementation rootProject.ext.dependencies.admob
```

所有的离线 aar 和 jar 包都放在 demo 项目根目录下的 libs 目录

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

```
//cloudmobi cn
implementation(name: 'suib_base_4.2.7_sucn', ext: 'jar')
implementation(name: 'suib_imageloader_4.2.7_sucn', ext: 'jar')
implementation(name: 'suib_video_4.2.7_sucn', ext: 'jar')
implementation project(path: ':adapter_cn:cloudmobi')


//hyadxopen cn
implementation(name: 'hyadxopensdk', ext: 'aar')
implementation project(path: ':adapter_cn:hyadxopen')


//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

```java
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：

三、激励视频和插屏接入

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

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

```java
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：

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

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

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

        @Override
        public void onInterstitialAdShowed(Scene scene) { NewApiUtils.printLog( msg: "onInterstitialAdShowed " + 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); }
    });
}
```
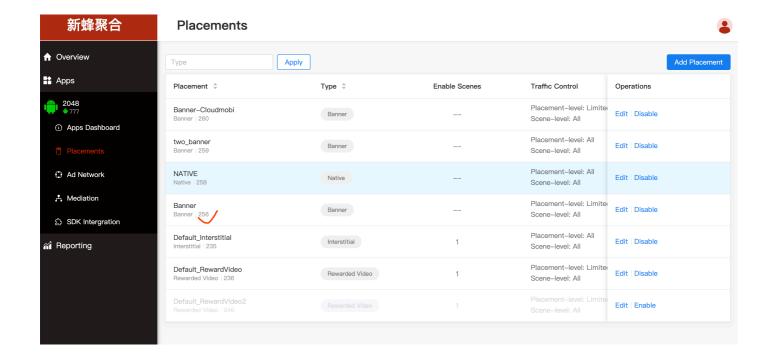
具体请参考 DEMO 里的 com.nbmediation.sdk.demo.MainActivity 详情

四、Banner 接入

```java
        }
    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	**Placements**				👤
🏠 Overview		Type	Apply		Add Placement
▦ Apps		Placement ⇅	Type ⇅	Enable Scenes	Traffic Control	Operations
🤖 2048 ●777		Banner-Cloudmobi Banner | 260	Banner	--	Placement-level: Limited Scene-level: All	Edit | Disable
ⓘ Apps Dashboard		two_banner Banner | 259	Banner	--	Placement-level: All Scene-level: All	Edit | Disable
📱 Placements		NATIVE Native | 258	Native	--	Placement-level: All Scene-level: All	Edit | Disable
🔘 Ad Network		Banner Banner | 256	Banner	--	Placement-level: Limited Scene-level: All	Edit | Disable
🔗 Mediation		Default_Interstitial Interstitial | 235	Interstitial	1	Placement-level: All Scene-level: All	Edit | Disable
⚙ SDK Intergration		Default_RewardVideo Rewarded Video | 236	Rewarded Video	1	Placement-level: Limited Scene-level: All	Edit | Disable
📊 Reporting		Default_RewardVideo2 Rewarded Video | 246	Rewarded Video	1	Placement-level: Limited Scene-level: All	Edit | Enable

五、native 接入

```java
nativeAd = new NativeAd(activity: this, NewApiUtils.P_NATIVE, new NativeAdListener() {
    @Override
    public void onAdFailed(String msg) {
        nativeButton.setEnabled(true);
        nativeButton.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);

        nativeAdView = 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));

        nativeAdView.addView(adView);
```

```java
                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();
```