

애드팍콘 SSP 네이티브 미디어이션 가이드

본 가이드 문서는 애드팍콘 SSP를 이용하여 ADMOB, MoPub, FAN, Mintegral, Adfit의 네이티브 광고를 연동 하는 방식을 기술하고 있습니다. 사용하고자 하는 네트워크만 추가하여 사용하시기 바랍니다.

v1.0.3

2020.11.19

애드팍콘 SSP 개발팀

1. 네이티브 xml 레이아웃 설정(native_ad_mediation_layout.xml)

```
<?xml version="1.0" encoding="utf-8"?>
<com.igaworks.ssp.part.nativead.IgawNativeAd
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/igaw_native_ad"
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <!-- AdPopcorn SSP -->
    <include
        android:id="@+id/igaw_native_ad_view"
        layout="@layout/igaw_native_ad_unit_layout"/>

    <!-- FAN -->
    <com.facebook.ads.NativeAdLayout
        android:id="@+id/fan_native_ad_view"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
        <include layout="@layout/fan_native_ad_unit_layout"/>
    </com.facebook.ads.NativeAdLayout>

    <!-- AdMob -->
    <com.google.android.gms.ads.formats.UnifiedNativeAdView
        android:id="@+id/admob_unified_native_ad_view"
        android:layout_width="match_parent"
        android:layout_height="wrap_content">
        <include layout="@layout/admob_native_ad_unit_layout"/>
    </com.google.android.gms.ads.formats.UnifiedNativeAdView>

    <!-- MoPub -->
    <include
        android:id="@+id/mopub_native_ad_view"
        layout="@layout/mopub_native_ad_unit_layout" />

    <!-- Mintegral -->
    <include
        android:id="@+id/mintegral_native_ad_view"
        layout="@layout/mintegral_native_ad_unit_layout" />

    <!-- AdFit -->
    <com.kakao.adfit.ads.na.AdFitNativeAdView
        android:id="@+id/adFitNativeAdView"
```

```

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginLeft="23dp"
        android:layout_marginTop="15dp"
        android:layout_marginRight="23dp"
        android:layout_marginBottom="15dp">
        <include layout="@layout/adfit_native_ad_unit_layout"/>
    </com.kakao.adfit.ads.na.AdFitNativeAdView>
</com.igaworks.ssp.part.nativead.IgawNativeAd>

```

: IgawNativeAd ViewGroup 안에 사용하고자 하는 미디어이션 네트워크 레이아웃을 추가하여 xml 구성하며, native_ad_mediation_layout.xml을 네이티브 광고를 노출하고자 하는 Main Layout에 추가하여 사용한다.

예시> activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#f1f1f1"
    android:orientation="vertical"
    tools:mContext="com.igaworks.ssp.app.MainActivity">
    <TextView
        android:id="@+id/textView_sdk_version"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginBottom="5dp"
        android:layout_marginRight="5dp"
        android:textColor="#000000"
        android:textSize="15sp"
        android:gravity="center_horizontal"
        android:focusable="true"
        android:textStyle="bold"/>
    <include layout="@layout/native_ad_mediation_layout" />
</LinearLayout>

```

2. 미디어이션 네트워크의 샘플 xml layout.

2.1 AdPopcorn SSP(igaw_native_ad_unit_layout.xml)

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

```

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:gravity="center"
    android:background="#FFFFFF">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:orientation="horizontal"
        android:background="#FFFFFF">
        <ImageView
            android:id="@+id/igaw_native_ad_icon_image1"
            android:layout_width="60dp"
            android:layout_height="60dp"
            android:layout_margin="10dp"/>
        <LinearLayout
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:layout_gravity="center"
            android:orientation="vertical">
            <TextView
                android:id="@+id/igaw_native_ad_title1"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textColor="#000000"/>
            <TextView
                android:id="@+id/igaw_native_ad_desc1"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:maxLines="2"
                android:textColor="#000000"/>
        </LinearLayout>
    <TextView
        android:id="@+id/igaw_native_ad_ctatext1"
        android:layout_width="60dp"
        android:layout_height="30dp"
        android:layout_marginTop="25dp"
        android:layout_marginLeft="10dp"
        android:layout_marginRight="10dp"
        android:background="#3d7caf"
        android:textColor="#ffffff"
```

```

        android:textColorHint="#ffffff"
        android:gravity="center"
        android:textSize="16sp" />
    </LinearLayout>
    <ImageView
        android:id="@+id/igaw_native_ad_main_image1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"/>
</LinearLayout>

```

2.2 FAN(fan_native_ad_unit_layout.xml)

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/fan_ad_unit"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@android:color/white"
    android:orientation="vertical"
    android:paddingLeft="10dp"
    android:paddingRight="10dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:paddingBottom="10dp"
        android:paddingTop="10dp">

        <com.facebook.ads.MediaView
            android:id="@+id/fan_native_ad_icon"
            android:layout_width="35dp"
            android:layout_height="35dp" />

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:paddingLeft="5dp"
            android:paddingRight="5dp">

            <TextView
                android:id="@+id/fan_native_ad_title"
                android:layout_width="wrap_content"

```

```
        android:layout_height="wrap_content"
        android:ellipsize="end"
        android:lines="1"
        android:textColor="@android:color/black"
        android:textSize="15sp" />
```

```
<TextView
```

```
    android:id="@+id/fan_native_ad_sponsored_label"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ellipsize="end"
    android:lines="1"
    android:textColor="@android:color/darker_gray"
    android:textSize="12sp" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:id="@+id/fan_ad_choices_container"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="end"
    android:orientation="horizontal" />
```

```
</LinearLayout>
```

```
<com.facebook.ads.MediaView
```

```
    android:id="@+id/fan_native_ad_media"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center" />
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:padding="5dp">
```

```
<LinearLayout
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="3"
    android:orientation="vertical">
```

```
<TextView
```

```
    android:id="@+id/fan_native_ad_social_context"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:ellipsize="end"  
    android:lines="1"  
    android:textColor="@android:color/darker_gray"  
    android:textSize="12sp" />
```

```
<TextView
```

```
    android:id="@+id/fan_native_ad_body"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:ellipsize="end"  
    android:gravity="center_vertical"  
    android:lines="2"  
    android:textColor="@android:color/black"  
    android:textSize="12sp" />
```

```
</LinearLayout>
```

```
<Button
```

```
    android:id="@+id/fan_native_ad_call_to_action"  
    android:layout_width="100dp"  
    android:layout_height="30dp"  
    android:layout_gravity="center_vertical"  
    android:layout_weight="1"  
    android:background="#4286F4"  
    android:paddingLeft="3dp"  
    android:paddingRight="3dp"  
    android:textColor="@android:color/white"  
    android:textSize="12sp"  
    android:visibility="gone" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

2.3 AdMob(admob_native_ad_unit_layout.xml)

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:background="#FFFFFF"
    android:minHeight="50dp"
    android:orientation="vertical">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:paddingLeft="20dp"
        android:paddingRight="20dp"
        android:paddingTop="3dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

            <ImageView
                android:id="@+id/admob_ad_app_icon"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:adjustViewBounds="true"
                android:paddingBottom="5dp"
                android:paddingEnd="5dp"
                android:paddingRight="5dp"/>

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="vertical">

                <TextView
                    android:id="@+id/admob_ad_headline"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:textColor="#0000FF"
                    android:textSize="16sp"
                    android:textStyle="bold" />
            </LinearLayout>
        </LinearLayout>
    </LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <TextView
        android:id="@+id/admob_ad_advertiser"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:gravity="bottom"
        android:textSize="14sp"
        android:textStyle="bold"/>

    <RatingBar
        android:id="@+id/admob_ad_stars"
        style="?android:attr/ratingBarStyleSmall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:isIndicator="true"
        android:numStars="5"
        android:stepSize="0.5" />

</LinearLayout>
```

```
</LinearLayout>
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <TextView
        android:id="@+id/admob_ad_body"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginRight="20dp"
        android:layout_marginEnd="20dp"
        android:textSize="12sp" />

    <com.google.android.gms.ads.formats.MediaView
        android:id="@+id/admob_ad_media"
        android:layout_gravity="center_horizontal"
        android:layout_width="250dp"
        android:layout_height="175dp"
```

```
        android:layout_marginTop="5dp" />
```

```
    <LinearLayout
```

```
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
```

```
        android:layout_gravity="end"
```

```
        android:orientation="horizontal"
```

```
        android:paddingBottom="10dp"
```

```
        android:paddingTop="10dp">
```

```
        <TextView
```

```
            android:id="@+id/admob_ad_price"
```

```
            android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"
```

```
            android:paddingLeft="5dp"
```

```
            android:paddingStart="5dp"
```

```
            android:paddingRight="5dp"
```

```
            android:paddingEnd="5dp"
```

```
            android:textSize="12sp" />
```

```
        <TextView
```

```
            android:id="@+id/admob_ad_store"
```

```
            android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"
```

```
            android:paddingLeft="5dp"
```

```
            android:paddingStart="5dp"
```

```
            android:paddingRight="5dp"
```

```
            android:paddingEnd="5dp"
```

```
            android:textSize="12sp" />
```

```
        <Button
```

```
            android:id="@+id/admob_ad_call_to_action"
```

```
            android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"
```

```
            android:gravity="center"
```

```
            android:textSize="12sp" />
```

```
    </LinearLayout>
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</LinearLayout>
```

2.4 MoPub(mopub_native_ad_unit_layout.xml)

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/mopub_native_outer_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@android:color/white"
    android:textDirection="locale">
    <ImageView
        android:id="@+id/mopub_native_icon_image"
        android:layout_width="64dp"
        android:layout_height="64dp"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="10dp"
        android:layout_marginStart="10dp"
        android:layout_marginTop="10dp"
        android:background="@null"
        android:contentDescription="@null" />

    <TextView
        android:id="@+id/mopub_native_title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="84dp"
        android:layout_marginStart="84dp"
        android:layout_marginTop="32dp"
        android:textColor="@android:color/darker_gray"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/mopub_native_text"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/mopub_native_icon_image"
        android:layout_marginLeft="10dp"
        android:layout_marginStart="10dp"
```

```
        android:layout_marginTop="10dp"
        android:textColor="@android:color/darker_gray" />
```

<ImageView

```
        android:id="@+id/mopub_native_main_image"
        android:layout_width="match_parent"
        android:layout_height="200dp"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/mopub_native_text"
        android:layout_marginLeft="10dp"
        android:layout_marginRight="10dp"
        android:layout_marginTop="10dp"
        android:background="@null"
        android:scaleType="centerCrop" />
```

<Button

```
        android:id="@+id/mopub_native_cta"
        android:layout_width="wrap_content"
        android:layout_height="35dp"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_below="@+id/mopub_native_main_image"
        android:layout_marginEnd="10dp"
        android:layout_marginRight="10dp"
        android:layout_marginTop="10dp"
        android:clickable="true"
        android:focusable="true"
        android:paddingBottom="10dp"
        android:textColor="@android:color/black"
        android:textSize="12sp"
        android:textStyle="bold" />
```

<ImageView

```
        android:id="@+id/mopub_native_privacy_information_icon_image"
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentTop="true"
        android:padding="10dp" />
```

```
</RelativeLayout>
```

2.5 Mintegral(mintegral_native_ad_unit_layout.xml)

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/mintegral_native_outer_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="@android:color/white"
    android:textDirection="locale">
    <ImageView
        android:id="@+id/mintegral_native_icon_image"
        android:layout_width="64dp"
        android:layout_height="64dp"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="10dp"
        android:layout_marginStart="10dp"
        android:layout_marginTop="10dp"
        android:background="@null"
        android:contentDescription="@null" />
    <TextView
        android:id="@+id/mintegral_native_title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="84dp"
        android:layout_marginStart="84dp"
        android:layout_marginTop="32dp"
        android:textColor="@android:color/darker_gray"
        android:textStyle="bold" />

    <TextView
        android:id="@+id/mintegral_native_text"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/mintegral_native_icon_image"
        android:layout_marginLeft="10dp"
        android:layout_marginStart="10dp"
        android:layout_marginTop="10dp"
```

```
android:textColor="@android:color/darker_gray" />
```

<ImageView

```
    android:id="@+id/mintegral_native_main_image"  
    android:layout_width="match_parent"  
    android:layout_height="200dp"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentStart="true"  
    android:layout_below="@+id/mintegral_native_text"  
    android:layout_marginLeft="10dp"  
    android:layout_marginRight="10dp"  
    android:layout_marginTop="10dp"  
    android:background="@null"  
    android:scaleType="centerCrop" />
```

<Button

```
    android:id="@+id/mintegral_native_cta"  
    android:layout_width="wrap_content"  
    android:layout_height="35dp"  
    android:layout_alignParentEnd="true"  
    android:layout_alignParentRight="true"  
    android:layout_below="@+id/mintegral_native_main_image"  
    android:layout_marginEnd="10dp"  
    android:layout_marginRight="10dp"  
    android:layout_marginTop="10dp"  
    android:clickable="true"  
    android:focusable="true"  
    android:paddingBottom="10dp"  
    android:textColor="@android:color/black"  
    android:textSize="12sp"  
    android:textStyle="bold" />
```

<com.mintegral.msdk.widget.MTGAdChoice

```
    android:id="@+id/mintegral_ad_choice"  
    android:layout_width="40dp"  
    android:layout_height="40dp"  
    android:layout_alignParentEnd="true"  
    android:layout_alignParentRight="true"  
    android:layout_alignParentTop="true"  
    android:padding="10dp" />
```

```
</RelativeLayout>
```

2.6 AdFit(adfit_native_ad_unit_layout.xml)

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="3dp"
        android:gravity="center_vertical"
        android:orientation="horizontal">

        <ImageView
            android:id="@+id/adfit_profile_icon_view"
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:contentDescription="AD Profile Icon"
            tools:src="@mipmap/ic_launcher" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="7dp"
            android:layout_marginRight="7dp"
            android:gravity="center_vertical"
            android:orientation="vertical">

            <TextView
                android:id="@+id/adfit_title_view"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textStyle="bold"
                tools:text="AD Title" />

            <TextView
                android:id="@+id/adfit_profile_name_view"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                tools:text="AD Profile Name" />

        </LinearLayout>
    </LinearLayout>
```

```

</LinearLayout>

<com.kakao.adfit.ads.na.AdFitMediaView
    android:id="@+id/adfit_media_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="3dp" />

<TextView
    android:id="@+id/adfit_body_view"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="3dp"
    tools:text="AD Description" />

<Button
    android:id="@+id/adfit_call_to_action_button"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    tools:text="AD Call To Action Button" />
</LinearLayout>

```

: 위 샘플 xml 파일은 각 네트워크의 네이티브 가이드에서 제공하는 코드를 기반으로 작성되었음.

3. placement ID 설정

: xml로 생성한 IgawNativeAd에 placement ID 설정

```

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    igawNativeAd = (IgawNativeAd) findViewById(R.id.igaw_native_ad);
    igawNativeAd.setPlacementId("8n12virz5gmkwqr");
}

```

4. Native 리소스 연결

: 2 파트에서 네트워크 별 xml에 생성한 리소스 id를 ViewBinder를 이용하여 아래와 같은 방식으로 넘겨줌.

4.1 AdPopcorn SSP

```
// ADPOPCORN SSP NATIVE AD
IgawViewBinder igawViewBinder
= new IgawViewBinder.Builder(R.id.igaw_native_ad_view, R.layout.igaw_native_ad_unit_layout)
    .iconImageViewId(R.id.igaw_native_ad_icon_image1)
    .descViewId(R.id.igaw_native_ad_desc1)
    .mainImageViewId(R.id.igaw_native_ad_main_image1)
    .titleViewId(R.id.igaw_native_ad_title1)
    .callToActionId(R.id.igaw_native_ad_ctatext1)
    .build();

igawNativeAd.setIgawViewBinder(igawViewBinder);
```

: xml에 정의한 resource id를 IgawViewBinder에 매칭시킨 후 IgawViewBinder를 setIgawViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id과 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> IgawViewBinder.Builder(R.id.igaw_native_ad_view, R.layout.igaw_native_ad_unit_layout)

- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 줌.

(Icon, MainImage, title, desc, callToAction)

4.2 FAN

```
// FAN NATIVE AD
FacebookViewBinder facebookViewBinder
= new FacebookViewBinder.Builder(R.id.fan_native_ad_view, R.layout.fan_native_ad_unit_layout)
    .adIconViewId(R.id.fan_native_ad_icon)
    .adChoicesLayoutId(R.id.fan_ad_choices_container)
    .callToActionId(R.id.fan_native_ad_call_to_action)
    .adBodyViewId(R.id.fan_native_ad_body)
    .mediaViewId(R.id.fan_native_ad_media)
    .sponsoredViewId(R.id.fan_native_ad_sponsored_label)
    .titleViewId(R.id.fan_native_ad_title)
    .socialContextId(R.id.fan_native_ad_social_context)
    .build();

igawNativeAd.setFacebookAudienceViewBinder(facebookViewBinder);
```

: xml에 정의한 resource id를 FacebookViewBinder에 매칭시킨 후 FacebookViewBinder를 setFacebookAudienceViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id와 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> FacebookViewBinder.Builder(R.id.fan_native_ad_view, R.layout.fan_native_ad_unit_layout)

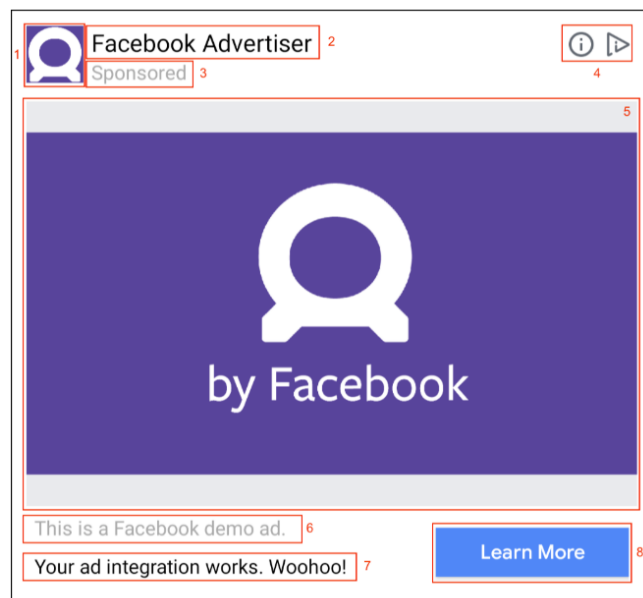
- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 줌.

(adIcon, adChoicesLayout, callToAction, adBody, mediaView, sponsoredView, titleView, socialContext)

- 자세한 사항은 아래 링크의 FAN 네이티브 가이드 참고

<https://developers.facebook.com/docs/audience-network/android-native/>

보기 #1: 광고 아이콘 보기 #5: MediaView
보기 #2: 광고 제목 보기 #6: 소셜 컨텍스트
보기 #3: Sponsored 레이블 보기 #7: 광고 본문
보기 #4: AdOptionsView 보기 #8: 행동 유도 버튼



4.3 AdMob

```
// ADMOB NATIVE AD
AdMobViewBinder adMobViewBinder = new
AdMobViewBinder.Builder(R.id.admob_unified_native_ad_view, R.layout.admob_native_ad_unit_layout)
    .iconViewId(R.id.admob_ad_app_icon)
    .headlineViewId(R.id.admob_ad_headline)
    .bodyViewId(R.id.admob_ad_body)
    .mediaViewId(R.id.admob_ad_media)
    .callToActionId(R.id.admob_ad_call_to_action)
    .advertiserViewId(R.id.admob_ad_advertiser)
    .priceViewId(R.id.admob_ad_price)
    .starRatingViewId(R.id.admob_ad_stars)
    .storeViewId(R.id.admob_ad_store)
    .build();
igawNativeAd.setAdMobViewBinder(adMobViewBinder);
```

:xml에 정의한 resource id를 AdMobViewBinder에 매칭시킨 후 AdMobViewBinder를 setAdMobViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id과 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> AdMobViewBinder.Builder(R.id.admob_unified_native_ad_view, R.layout.admob_native_ad_unit_layout)

- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 줌.

(icon, headline, body, meidaView, callToAction, advertiserView, priceView, starRatingView, storeView)

- AdMob Native의 경우 아래 링크의 가이드를 준수해야 하며 **광고 표시**는 수동으로 추가해 주어야 합니다.

<https://support.google.com/admob/answer/6329638>

4.4 MoPub

```
// MOPUB NATIVE AD
MoPubViewBinder moPubViewBinder
= new MoPubViewBinder.Builder(R.id.mopub_native_ad_view, R.layout.mopub_native_ad_unit_layout)
    .mainImageViewId(R.id.mopub_native_main_image)
    .iconImageViewId(R.id.mopub_native_icon_image)
    .titleViewId(R.id.mopub_native_title)
    .textViewId(R.id.mopub_native_text)
    .privacyInformationIconImageViewId(R.id.mopub_native_privacy_information_icon_image)
    .callToActionViewId(R.id.mopub_native_cta)
    .build();
igawNativeAd.setMoPubViewBinder(moPubViewBinder);
```

:xml에 정의한 resource id를 MoPubViewBinder에 매칭시킨 후 MoPubViewBinder를 setMoPubViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id과 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> MoPubViewBinder.Builder(R.id.mopub_native_ad_view, R.layout.mopub_native_ad_unit_layout)

- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 줌.

(icon, mainImage, title, text, privacyInformationIconImage, calltoAction)

4.5 Mintegral

```
// Mintegral NATIVE AD
MintegralViewBinder mintegralViewBinder
= new MintegralViewBinder.Builder(R.id.mintegral_native_ad_view,
R.layout.mintegral_native_ad_unit_layout)
    .mainImageViewId(R.id.mintegral_native_main_image)
    .iconViewId(R.id.mintegral_native_icon_image)
    .titleViewId(R.id.mintegral_native_title)
    .descViewId(R.id.mintegral_native_text)
    .adCallViewId(R.id.mintegral_native_cta)
    .adChoiceViewId(R.id.mintegral_ad_choice)
    .build();
igawNativeAd.setMintegralViewBinder(mintegralViewBinder);
```

:xml에 정의한 resource id를 MintegralViewBinder에 매칭시킨 후 MintegralViewBinder를 setMintegralViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id과 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> MintegralViewBinder.Builder(R.id.mintegral_native_ad_view, R.layout.mintegral_native_ad_unit_layout)

- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 줌.

(icon, mainImage, title, desc, adCall(CTA), adChoice, rating)

4.6 AdFit

```
// AdFit AD
AdFitViewBinder adFitViewBinder = new AdFitViewBinder.Builder(R.id.adFitNativeAdView,
R.layout.adfit_native_ad_unit_layout)
    .titleViewId(R.id.adfit_title_view)
    .bodyViewId(R.id.adfit_body_view)
    .profileIconViewId(R.id.adfit_profile_icon_view)
    .profileNameViewId(R.id.adfit_profile_name_view)
    .callToActionButtonId(R.id.adfit_call_to_action_button)
    .mediaViewId(R.id.adfit_media_view)
    .testMode(false)
    .build();
igawNativeAd.setAdFitViewBinder(adFitViewBinder);
```

:xml에 정의한 resource id를 AdFitViewBinder에 매칭시킨 후 AdFitViewBinder를 setAdFitViewBinder API를 통해 SDK에 전달

- Builder 생성 시, View Id과 해당 네트워크의 layout id는 필수로 넘겨 주어야 함.

예시> AdFitViewBinder.Builder(R.id.adFitNativeAdView, R.layout.adfit_native_ad_unit_layout)

- 그 외 리소스 ID는 사용하는 리소스에 대해서만 설정해서 넘겨 주며, title, media_view는 필수 연동 되어야 하며, 테스트 광고 송출을 원할 경우, testMode

에 true 값을 전달하여 준다.

(title, body, profile_icon, profile_name, call_to_action, media_view)

! 광고 요청 및 네이티브 광고 이벤트 리스너 설정은 help center의 가이드에 따라 진행 부탁드립니다.

! 미디에이션 설정과 관련하여 추가로 궁금하신 사항은 help@igaworks.com 으로 문의 주시기 바랍니다.