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JavaScript is disabled on your browser.

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A

[activityOnDestroy\(\)](#) - Method in class [com.appnexus.opensdk.AdView](#)

To be called by the developer when the fragment/activity's [onDestroy\(\)](#) function is called.

[activityOnDestroy\(\)](#) - Method in class [com.appnexus.opensdk.BannerAdView](#)

[activityOnDestroy\(\)](#) - Method in class [com.appnexus.opensdk.instreamvideo.VideoAd](#)

[activityOnDestroy\(\)](#) - Method in class [com.appnexus.opensdk.InterstitialAdView](#)

[activityOnPause\(\)](#) - Method in class [com.appnexus.opensdk.AdView](#)

To be called by the developer when the fragment/activity's [onPause\(\)](#) function is called.

[activityOnPause\(\)](#) - Method in class [com.appnexus.opensdk.BannerAdView](#)

[activityOnPause\(\)](#) - Method in class [com.appnexus.opensdk.instreamvideo.VideoAd](#)

[activityOnPause\(\)](#) - Method in class [com.appnexus.opensdk.InterstitialAdView](#)

[activityOnResume\(\)](#) - Method in class [com.appnexus.opensdk.AdView](#)

To be called by the developer when the fragment/activity's [onResume\(\)](#) function is called.

[activityOnResume\(\)](#) - Method in class [com.appnexus.opensdk.BannerAdView](#)

[activityOnResume\(\)](#) - Method in class [com.appnexus.opensdk.instreamvideo.VideoAd](#)

[activityOnResume\(\)](#) - Method in class [com.appnexus.opensdk.InterstitialAdView](#)

[addCustomKeywords\(String, String\)](#) - Method in class [com.appnexus.opensdk.AdView](#)

Add a custom keyword to the request URL for the ad.

[addCustomKeywords\(String, String\)](#) - Method in class [com.appnexus.opensdk.instreamvideo.VideoAd](#)

Add a custom keyword to the request URL for the ad.

[addCustomKeywords\(String, String\)](#) - Method in class [com.appnexus.opensdk.NativeAdRequest](#)

Add a custom keyword to the request URL for the ad.

[AdListener](#) - Interface in [com.appnexus.opensdk](#)

Implement this interface and pass it to your [BannerAdView](#) and [InterstitialAdView](#) objects to receive events on the status of the ad.

[AdSize](#) - Class in [com.appnexus.opensdk](#)

A convenience class which holds a width and height in integers.

[AdSize\(int, int\)](#) - Constructor for class [com.appnexus.opensdk.AdSize](#)

[AdType](#) - Enum in [com.appnexus.opensdk](#)

[AdType](#) Enum directly maps to `ad_type` in UT V2 Response

[AdView](#) - Class in [com.appnexus.opensdk](#)

The parent class of [InterstitialAdView](#) and [BannerAdView](#).

[AdView.GENDER](#) - Enum in [com.appnexus.opensdk](#)

The user's gender.

[ANClickThroughAction](#) - Enum in [com.appnexus.opensdk](#)

[ANGDPRSettings](#) - Class in [com.appnexus.opensdk](#)

Global GDPR Settings class.

[ANGDPRSettings\(\)](#) - Constructor for class [com.appnexus.opensdk.ANGDPRSettings](#)

[AppEventListener](#) - Interface in [com.appnexus.opensdk](#)

Implement this interface and pass it to your [BannerAdView](#) and [InterstitialAdView](#) objects to receive app events from the ad.

B

[BannerAdView](#) - Class in [com.appnexus.opensdk](#)

This view is added to an existing layout in order to display banner ads.

[BannerAdView\(Context\)](#) - Constructor for class `com.appnexus.opensdk.BannerAdView`

Create a new `BannerAdView` in which to load and show ads.

[BannerAdView\(Context, AttributeSet\)](#) - Constructor for class `com.appnexus.opensdk.BannerAdView`

Create a new `BannerAdView` in which to load and show ads.

[BannerAdView\(Context, AttributeSet, int\)](#) - Constructor for class `com.appnexus.opensdk.BannerAdView`

Create a new `BannerAdView` in which to load and show ads.

[BannerAdView\(Context, int\)](#) - Constructor for class `com.appnexus.opensdk.BannerAdView`

Creates a new `BannerAdView` in which to load and show ads.

[BannerAdView.AdAlignment](#) - Enum in `com.appnexus.opensdk`

C

[clearCustomKeywords\(\)](#) - Method in class `com.appnexus.opensdk.AdView`

Clear all custom keywords from the request URL.

[clearCustomKeywords\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

Clear all custom keywords from the request URL.

[clearCustomKeywords\(\)](#) - Method in class `com.appnexus.opensdk.NativeAdRequest`

Clear all custom keywords from the request URL.

`com.appnexus.opensdk` - package `com.appnexus.opensdk`

The AppNexus Mobile Advertising SDK

`com.appnexus.opensdk.instreamvideo` - package `com.appnexus.opensdk.instreamvideo`

`com.appnexus.opensdk.transitionanimation` - package `com.appnexus.opensdk.transitionanimation`

D

[destroy\(\)](#) - Method in class `com.appnexus.opensdk.AdView`

This must be called from the UI thread, when permanently remove the `AdView` from the view hierarchy.

[destroy\(\)](#) - Method in class `com.appnexus.opensdk.BannerAdView`

[destroy\(\)](#) - Method in class `com.appnexus.opensdk.InterstitialAdView`

Destroy this `InterstitialAdView` object.

[destroy\(\)](#) - Method in interface `com.appnexus.opensdk.NativeAdResponse`

Destroy the response

F

[fitsIn\(int, int\)](#) - Method in class `com.appnexus.opensdk.AdSize`

Determines whether this size object fits inside a rectangle of the given width and height

G

[getAAID\(\)](#) - Static method in class `com.appnexus.opensdk.SDKSettings`

Retrieve the current Android Advertising ID to be reported to the ad server.

[getAdAlignment\(\)](#) - Method in class `com.appnexus.opensdk.BannerAdView`

Returns the alignment of ads inside the `BannerAdView`.

[getAdDispatcher\(\)](#) - Method in class `com.appnexus.opensdk.AdView`

[getAdDispatcher\(\)](#) - Method in class `com.appnexus.opensdk.NativeAdRequest`

[getAdHeight\(\)](#) - Method in class `com.appnexus.opensdk.BannerAdView`

Check the height of the ad to be requested for this view.

[getAdListener\(\)](#) - Method in class `com.appnexus.opensdk.AdView`

Gets the currently installed listener that the SDK will send events to.

[getAdLoadListener\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

Get the listener that listens the state of the request

[getAdMaxDuration\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

use this to get the max duration set for the video tag

[getAdMinDuration\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

use this to get the min duration set for the video tag

`getAdPlayElapsedTime(ResultCallback)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Asynchronously calls the `VideoAd` and gets the current ad play elapsed time in milliseconds.

`getAdSizes()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check the ad sizes which will be requested for this view.

`getAdStarRating()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve rating from the native ad response.

`getAdType()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the `AdType` being served on the `AdView` `AdType` can be `Banner/Video`

`getAdWidth()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check the width of the ad to be requested for this view.

`getAge()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the current user's age.

`getAge()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Get the age or age range for the ad request

`getAge()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Get the age or age range for the ad request

`getAge()` - Method in class `com.appnexus.opensdk.TargetingParameters`
The current user's age, passed by to the ad request.

`getAllowedSizes()` - Method in class `com.appnexus.opensdk.InterstitialAdView`
Get a list of ad `AdSizes` which are allowed to be displayed.

`getAllowNativeDemand()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check whether Native Ad is enabled on this ad view

`getAllowVideoDemand()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check whether Video Ad is enabled on this ad view

`getAppEventListener()` - Method in class `com.appnexus.opensdk.AdView`
Gets the currently installed app event listener that the SDK will send custom events to.

`getAutoRefreshInterval()` - Method in class `com.appnexus.opensdk.BannerAdView`
Retrieve the currently set auto-refresh interval.

`getBackgroundColor()` - Method in class `com.appnexus.opensdk.InterstitialAdView`
Get the current background color which will appear behind the interstitial ad.

`getCallToAction()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
The text for the call to action

`getClickThroughAction()` - Method in class `com.appnexus.opensdk.AdView`
Returns the `ANClickThroughAction` that is used for this `AdView`.

`getClickThroughAction()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Returns the `ANClickThroughAction` that is used for this `VideoAd`.

`getClickThroughAction()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Returns the `ANClickThroughAction` that is used for this `NativeAdRequest`.

`getCloseButtonDelay()` - Method in class `com.appnexus.opensdk.InterstitialAdView`
Get the delay between when an interstitial ad is displayed and when the close button appears to the user.

`getConsentRequired(Context)` - Static method in class `com.appnexus.opensdk.ANGDPRSettings`
Get the Consent Required value that will be sent in the request.

`getConsentString(Context)` - Static method in class `com.appnexus.opensdk.ANGDPRSettings`
Get the Consent String that will be sent in the request.

`getCreativeHeight()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the 'unexpanded' size of the creative .

`getCreativeHeight()` - Method in class `com.appnexus.opensdk.InterstitialAdView`
Interstitial ads always return height -1

`getCreativeId()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the Creative Id of the creative .

`getCreativeId()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Retrieve the Creative Id of the creative .

`getCreativeId()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve the creative Id

`getCreativeURL()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

`getCreativeWidth()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the 'unexpanded' size of the creative .

`getCreativeWidth()` - Method in class `com.appnexus.opensdk.InterstitialAdView`
Interstitial ads always return width -1

`getCustomKeywords()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the array of custom keywords associated with the current `AdView`.

`getCustomKeywords()` - Method in class `com.appnexus.opensdk.TargetingParameters`
Local custom keywords added to the ad request.

`getDescription()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
The text description of the ad , the text body

`getDirectionForInt(int)` - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionDirection`

`getExpandsToFitScreenWidth()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check whether the ad will expand to fit the screen width.

`getExternalUid()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the externalUID that was previously set.

`getExternalUid()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Retrieve the externalUID that was previously set.

`getExternalUid()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Retrieve the externalUID that was previously set.

`getExternalUid()` - Method in class `com.appnexus.opensdk.TargetingParameters`
Retrieve the externalUID that was previously set.

`getFullText()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve full text from native ad response

`getGender()` - Method in class `com.appnexus.opensdk.AdView`
Get the current user's gender, if it's available.

`getGender()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Get the user's gender

`getGender()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Get the user's gender

`getGender()` - Method in class `com.appnexus.opensdk.TargetingParameters`
The current user's gender, passed to the ad request.

`getIcon()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve the icon image resource, null if there was no image available or if `shouldLoadIcon` returned false for the ad call

`getIconUrl()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
The URL of the Icon image resource can be used to manage image resources manually

`getImage()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve the main image resource, null if there was no image available or if `shouldLoadImage()` was set to false.

`getImageUrl()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
The URL of the main image can be used to manage image resources manually

`getInventoryCode()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the inventory code.

`getInventoryCode()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Retrieve the inventory code.

`getInventoryCode()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Retrieve the inventory code.

`getListener()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Set the listener that listens the state of the request

`getLoadsInBackground()` - Method in class `com.appnexus.opensdk.AdView`
Gets whether or not this `AdView` will load landing pages in the background before displaying them.

`getLoadsInBackground()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Gets whether or not this `AdView` will load landing pages in the background before displaying them.

`getLoadsInBackground()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Gets whether or not this `AdView` will load landing pages in the background before displaying them.

`getLocation()` - Static method in class `com.appnexus.opensdk.SDKSettings`
Retrieve the current location reported to the ad server.

`getLocation()` - Method in class `com.appnexus.opensdk.TargetingParameters`
The current user's location, passed to the ad request.

`getLocationDecimalDigits()` - Static method in class `com.appnexus.opensdk.SDKSettings`
Returns the number of digits after decimal of latitude and longitude.

`getLocationEnabled()` - Static method in class `com.appnexus.opensdk.SDKSettings`
Returns true if the ad server calls will include location information or false otherwise.

`getMaxHeight()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check the maximum height of the ad to be requested.

`getMaxWidth()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check the maximum width of the ad to be requested.

`getMediaType()` - Method in class `com.appnexus.opensdk.BannerAdView`

`getMediaType()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

`getMediaType()` - Method in class `com.appnexus.opensdk.InterstitialAdView`

`getMediaType()` - Method in class `com.appnexus.opensdk.NativeAdRequest`

`getMemberID()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the member ID.

`getMemberID()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Retrieve the member ID.

`getMemberID()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Retrieve the member ID.

`getNativeElements()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve a map of all elements within the native ad response.

`getNetworkIdentifier()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`

`getOpensNativeBrowser()` - Method in class `com.appnexus.opensdk.AdView`
Deprecated.
Use `getClickThroughAction` instead Refer [ANClickThroughAction](#)

`getOpensNativeBrowser()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

Deprecated.

Use `getClickThroughAction` instead Refer `ANClickThroughAction`

`getOpensNativeBrowser()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Deprecated.

Use `getClickThroughAction` instead Refer `ANClickThroughAction`

`getPlacementID()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the current placement ID.

`getPlacementID()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Retrieve the placement id for ad request.

`getPlacementID()` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Retrieve the placement id for ad request.

`getRequestParameters()` - Method in class `com.appnexus.opensdk.AdView`

`getRequestParameters()` - Method in class `com.appnexus.opensdk.NativeAdRequest`

`getReserve()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the reserve price.

`getResizeAdToFitContainer()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check whether the ad will expand to fit the `BannerAdView`.

`getScale()` - Method in class `com.appnexus.opensdk.NativeAdResponse.Rating`

`getShouldReloadOnResume()` - Method in class `com.appnexus.opensdk.BannerAdView`
Check whether the ad view will load a new ad if the user resumes use of the app from a screenlock or multitask.

`getShouldServePSAs()` - Method in class `com.appnexus.opensdk.AdView`
Retrieve the current PSA setting.

`getShowLoadingIndicator()` - Method in class `com.appnexus.opensdk.AdView`
Get whether or not the banner or interstitial should show the loading indicator after being pressed, but before able to launch the browser.

`getShowLoadingIndicator()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Get whether or not the Video Ad should show the loading indicator after being pressed, but before able to launch the browser.

`getSocialContext()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve the social context of the native ad response.

`getSponsoredBy()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Retrieve sponsored by text from native ad response

`getTitle()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
The Title for this native ad

`getTransitionDirection()` - Method in class `com.appnexus.opensdk.BannerAdView`
Get the direction of the transition animation

`getTransitionDuration()` - Method in class `com.appnexus.opensdk.BannerAdView`
Get the duration for the transition animation

`getTransitionType()` - Method in class `com.appnexus.opensdk.BannerAdView`
Get the type of the transition animation

`getTypeForInt(int)` - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionType`

`getValue()` - Method in class `com.appnexus.opensdk.NativeAdResponse.Rating`

`getVastURL()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

`getVastXML()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

`getVideoAdDuration()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

`getVideoPlaybackListener()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Get the listener that listens the state of the video

H

`hasExpired()` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Determine if this Response has expired

`height()` - Method in class `com.appnexus.opensdk.AdSize`

I

`InterstitialAdView` - Class in `com.appnexus.opensdk`
This class controls the loading and display of interstitial ads.

`InterstitialAdView(Context)` - Constructor for class `com.appnexus.opensdk.InterstitialAdView`
Creates a new interstitial ad view in which to load and show interstitial ads.

[InterstitialAdView\(Context, AttributeSet\)](#) - Constructor for class `com.appnexus.opensdk.InterstitialAdView`
Creates a new interstitial ad view in which to load and show interstitial ads.

[InterstitialAdView\(Context, AttributeSet, int\)](#) - Constructor for class `com.appnexus.opensdk.InterstitialAdView`
Creates a new interstitial ad view in which to load and show interstitial ads.

[isHttpsEnabled\(\)](#) - Static method in class `com.appnexus.opensdk.SDKSettings`
Returns true if the Https is enabled for the ad calls or false otherwise.

[isLocationEnabledForCreative\(\)](#) - Static method in class `com.appnexus.opensdk.SDKSettings`
Returns false if the locationEnabledForCreative is set to false or true otherwise

[isReady\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Checks the queue to see if there is a valid video ad available.

[isReady\(\)](#) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Checks the queue to see if there is a valid (i.e., fresher than 60 seconds) interstitial ad available.

[isReady\(\)](#) - Method in interface `com.appnexus.opensdk.MediatedInterstitialAdView`
The AppNexus SDK will call this method to check if the interstitial view is ready when the user calls `InterstitialAdView.isReady()`

[isReadyToStart\(\)](#) - Method in class `com.appnexus.opensdk.AdView`

[isReadyToStart\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

[isReadyToStart\(\)](#) - Method in class `com.appnexus.opensdk.NativeAdRequest`

L

[loadAd\(\)](#) - Method in class `com.appnexus.opensdk.AdView`
Loads a new ad, if the ad space is visible.

[loadAd\(String\)](#) - Method in class `com.appnexus.opensdk.AdView`
Loads a new ad, if the ad space is visible, and sets the AdView's placement ID.

[loadAd\(\)](#) - Method in class `com.appnexus.opensdk.BannerAdView`
Call this method to start loading an ad into this view asynchronously.

[loadAd\(String, int, int\)](#) - Method in class `com.appnexus.opensdk.BannerAdView`
Loads a new ad, if the ad space is visible, and sets the placement ID, ad width, and ad height attributes of the AdView.

[loadAd\(\)](#) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Call this to request a VideoAd for parameters described by this object.

[loadAd\(\)](#) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Requests a new interstitial ad from the server and stores it in a local queue.

[loadAd\(\)](#) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Call this to request a native ad for parameters described by this object.

[loadAdOffscreen\(\)](#) - Method in class `com.appnexus.opensdk.AdView`
Deprecated.
use `AdView.loadAd()` instead.

M

[MainMedia\(\)](#) - Constructor for class `com.appnexus.opensdk.NativeAdResponse.MainMedia`

[MediatedBannerAdView](#) - Interface in `com.appnexus.opensdk`
This is the interface a mediation adaptor must implement for requesting banner ads.

[MediatedInterstitialAdView](#) - Interface in `com.appnexus.opensdk`
This interface must be implemented by third-party SDKs whose interstitial views will be mediated by the AppNexus SDK.

[MediatedNativeAd](#) - Interface in `com.appnexus.opensdk`
This is the interface a mediation adaptor must implement for requesting native ads.

N

[NativeAdEventListener](#) - Interface in `com.appnexus.opensdk`
Define the events that an ad may fire.

[NativeAdRequest](#) - Class in `com.appnexus.opensdk`
Define the attributes used for requesting a native ad.

[NativeAdRequest\(Context, String\)](#) - Constructor for class `com.appnexus.opensdk.NativeAdRequest`

[NativeAdRequest\(Context, String, int\)](#) - Constructor for class `com.appnexus.opensdk.NativeAdRequest`

[NativeAdRequestListener](#) - Interface in `com.appnexus.opensdk`
Define the events relating the status of a NativeAdRequest

[NativeAdResponse](#) - Interface in [com.appnexus.opensdk](#)

[NativeAdResponse.MainMedia](#) - Class in [com.appnexus.opensdk](#)

[NativeAdResponse.Network](#) - Enum in [com.appnexus.opensdk](#)

[NativeAdResponse.Rating](#) - Class in [com.appnexus.opensdk](#)

[NativeAdSDK](#) - Class in [com.appnexus.opensdk](#)

Application view Interactions with the Native SDK

[NativeAdSDK\(\)](#) - Constructor for class [com.appnexus.opensdk.NativeAdSDK](#)

O

[onAdClicked\(AdView\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when the ad being clicked and the ClickThroughAction is set as either ANClickThroughAction.OPEN_DEVICE_BROWSER or ANClickThroughAction.OPEN_SDK_BROWSER.

[onAdClicked\(AdView, String\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad is clicked and the ANClickThroughAction is set to ANClickThroughAction.RETURN_URL.

[onAdClicked\(VideoAd\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Called when the ad being clicked and the ClickThroughAction is set as either ANClickThroughAction.OPEN_DEVICE_BROWSER or ANClickThroughAction.OPEN_SDK_BROWSER.

[onAdClicked\(VideoAd, String\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Called when the ad being clicked and the ClickThroughAction is set as ANClickThroughAction.RETURN_URL ANClickThroughAction

[onAdCollapsed\(AdView\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad is closed/unexpanded, for example if the user has stopped interacting with the ad.

[onAdCompleted\(VideoAd, VideoAdPlaybackListener.PlaybackCompletionState\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Called when the Video Ad is completed.

[onAdExpanded\(AdView\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad expands due to user interaction.

[onAdFailed\(ResultCode\)](#) - Method in interface [com.appnexus.opensdk.NativeAdRequestListener](#)

Called when a native ad call has failed

[onAdLoaded\(AdView\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad has successfully been loaded from the server.

[onAdLoaded\(NativeAdResponse\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad has successfully been loaded from the server.

[onAdLoaded\(VideoAd\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdLoadListener](#)

Called when an ad has successfully been loaded from the server.

[onAdLoaded\(NativeAdResponse\)](#) - Method in interface [com.appnexus.opensdk.NativeAdRequestListener](#)

Called when a native ad has successfully loaded.

[onAdMuted\(VideoAd, boolean\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Ad video has requested to mute or unmute audio.

[onAdPlaying\(VideoAd\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Called when the ad play starts.

[onAdRequestFailed\(AdView, ResultCode\)](#) - Method in interface [com.appnexus.opensdk.AdListener](#)

Called when an ad request has failed.

[onAdRequestFailed\(VideoAd, ResultCode\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdLoadListener](#)

Called when an ad request has failed.

[onAdWasClicked\(\)](#) - Method in interface [com.appnexus.opensdk.NativeAdEventListener](#)

[onAdWasClicked\(String, String\)](#) - Method in interface [com.appnexus.opensdk.NativeAdEventListener](#)

[onAdWillLeaveApplication\(\)](#) - Method in interface [com.appnexus.opensdk.NativeAdEventListener](#)

[onAppEvent\(AdView, String, String\)](#) - Method in interface [com.appnexus.opensdk.AppEventListener](#)

Called when the ad has sent the app an event via the AppNexus Javascript API for Mobile call 'anjam.DispatchAppEvent(name, data);' A simple example:

[onLayout\(boolean, int, int, int, int\)](#) - Method in class [com.appnexus.opensdk.BannerAdView](#)

[onQuartile\(VideoAd, Quartile\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener](#)

Called when a Quartile tracker is fired.

[onResult\(int\)](#) - Method in interface [com.appnexus.opensdk.instreamvideo.ResultCallback](#)

Invoked when the result is available.

P

`playAd(FrameLayout)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Call this by passing a `Container(FrameLayout)` when you want the `VideoAd` to Play.

`playAd(RelativeLayout)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Call this by passing a `Container(RelativeLayout)` when you want the `VideoAd` to Play.

Q

`Quartile` - Enum in `com.appnexus.opensdk.instreamvideo`
Quartile types.

R

`Rating(double, double)` - Constructor for class `com.appnexus.opensdk.NativeAdResponse.Rating`

`registerTracking(NativeAdResponse, View, NativeAdEventListener)` - Static method in class `com.appnexus.opensdk.NativeAdSDK`
Register the developer view that will track impressions and respond to clicks for the native ad.

`registerTracking(NativeAdResponse, View, List<View>, NativeAdEventListener)` - Static method in class `com.appnexus.opensdk.NativeAdSDK`
Register a list developer views that will track impressions and respond to clicks for the native ad.

`registerView(View, NativeAdEventListener)` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Register view for tracking

`registerViewList(View, List<View>, NativeAdEventListener)` - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Register a list of clickable views for tracking

`removeAd()` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Call this to remove the video ad view from the container.

`removeCustomKeyword(String)` - Method in class `com.appnexus.opensdk.AdView`
Remove a custom keyword from the request URL for the ad.

`removeCustomKeyword(String)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Remove a custom keyword from the request URL for the ad.

`removeCustomKeyword(String)` - Method in class `com.appnexus.opensdk.NativeAdRequest`
Remove a custom keyword from the request URL for the ad.

`requestAd(MediatedBannerAdViewController, Activity, String, String, int, int, TargetingParameters)` - Method in interface `com.appnexus.opensdk.MediatedBannerAdView`

The AppNexus SDK will call this method to ask the third-party SDK to request an ad from its network.

`requestAd(MediatedInterstitialAdViewController, Activity, String, String, TargetingParameters)` - Method in interface `com.appnexus.opensdk.MediatedInterstitialAdView`

The AppNexus SDK will call this method in your class when directed to do so from the Ad Network Manager, where an application has instantiated an `InterstitialAdView`.

`requestNativeAd(Context, String, String, MediatedNativeAdController, TargetingParameters)` - Method in interface `com.appnexus.opensdk.MediatedNativeAd`

The AppNexus SDK will call this method to ask the third-party SDK to request an ad from its network.

`reset(Context)` - Static method in class `com.appnexus.opensdk.ANGDPRSettings`
Clears the value that were previously set using `ANGDPRSettings.setConsentString` and `ANGDPRSettings.setConsentRequired`

`ResultCallback` - Interface in `com.appnexus.opensdk.instreamvideo`
A callback interface used to provide values asynchronously.

`ResultCode` - Enum in `com.appnexus.opensdk`

This enum contains the result codes sent to the `onAdRequestFailed` method in `AdListener`, except for `SUCCESS`.

S

`SDKSettings` - Class in `com.appnexus.opensdk`

Global static functions that apply to all SDK views and calls.

`setAAID(String, boolean)` - Static method in class `com.appnexus.opensdk.SDKSettings`

Sets the Android Advertising ID to be passed in the ad request.

`setAdAlignment(BannerAdView.AdAlignment)` - Method in class `com.appnexus.opensdk.BannerAdView`

Sets the alignment of ads inside the `BannerAdView`, which can be set to 9 different positions.

`setAdListener(AdListener)` - Method in class `com.appnexus.opensdk.AdView`

Sets the currently installed listener that the SDK will send events to.

`setAdLoadListener(VideoAdLoadListener)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

Register a listener for ad success/fail to load notification events

`setAdMaxDuration(int)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

use this to set the max duration for the video tag

`setAdMinDuration(int)` - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`

use this to set the min duration for the video tag

`setAdSize(int, int)` - Method in class `com.appnexus.opensdk.BannerAdView`

Set the size of the ad to request.

setAdSizes(ArrayList<AdSize>) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the `AdSizes` which are allowed to be displayed.

setAge(String) - Method in class `com.appnexus.opensdk.AdView`
Set the current user's age.

setAge(String) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Set the age or age range of the user

setAge(String) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Set the age or age range of the user

setAllowedSizes(ArrayList<AdSize>) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Set the ad `AdSizes` which are allowed to be displayed.

setAllowNativeDemand(boolean) - Method in class `com.appnexus.opensdk.BannerAdView`
Sets whether or not Native Ads(AppNexus Media Type:12) can serve on this Ad object.

setAllowVideoDemand(boolean) - Method in class `com.appnexus.opensdk.BannerAdView`
Sets whether or not Video Ads(AppNexus Media Type:4) can serve on this Ad object.

setAppEventListener(AppEventListener) - Method in class `com.appnexus.opensdk.AdView`
Sets the currently installed app event listener that the SDK will send custom events to.

setAutoRefreshInterval(int) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the auto-refresh interval.

setBackground-color(int) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Sets the background color to use behind the interstitial ad.

setClickThroughAction(ANClickThroughAction) - Method in class `com.appnexus.opensdk.AdView`
Determines what action to take when the user clicks on an ad.

setClickThroughAction(ANClickThroughAction) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Determines what action to take when the user clicks on an ad.

setClickThroughAction(ANClickThroughAction) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Determines what action to take when the user clicks on an ad.

setCloseButtonDelay(int) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Set the delay between when an interstitial ad is displayed and when the close button appears to the user.

setConsentRequired(Context, boolean) - Static method in class `com.appnexus.opensdk.ANGDPRSettings`
Set the `consentRequired` value in the SDK

setConsentString(Context, String) - Static method in class `com.appnexus.opensdk.ANGDPRSettings`
Set the consent string in the SDK

setCreativeId(String) - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Set the creative Id

setDismissOnClick(boolean) - Method in class `com.appnexus.opensdk.InterstitialAdView`

setExpandsToFitScreenWidth(boolean) - Method in class `com.appnexus.opensdk.BannerAdView`
Set whether ads will expand to fit the screen width.

setExternalUid(String) - Method in class `com.appnexus.opensdk.AdView`
Set the current user's externalUID

setExternalUid(String) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Set the current user's externalUID

setExternalUid(String) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Set the current user's externalUID

setGender(AdView.GENDER) - Method in class `com.appnexus.opensdk.AdView`
Set the user's gender.

setGender(AdView.GENDER) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Set user's gender for targeting

setGender(AdView.GENDER) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Set user's gender for targeting

setIcon(Bitmap) - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Set the icon image resource

setImage(Bitmap) - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Set the main image resource

setInventoryCodeAndMemberID(int, String) - Method in class `com.appnexus.opensdk.AdView`
Sets the inventory code and member id of the AdView.

setInventoryCodeAndMemberID(int, String) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Sets the inventory code and member id of this Video ad request.

setInventoryCodeAndMemberID(int, String) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Sets the inventory code and member id of this native ad request.

setListener(NativeAdRequestListener) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Register a listener for ad success/fail to load notification events

setLoadsInBackground(boolean) - Method in class `com.appnexus.opensdk.AdView`
Sets whether or not to load landing pages in the background before displaying them.

setLoadsInBackground(boolean) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Sets whether or not to load landing pages in the background before displaying them.

setLoadsInBackground(boolean) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Sets whether or not to load landing pages in the background before displaying them.

setLocation(Location) - Static method in class `com.appnexus.opensdk.SDKSettings`
Overrides the SDKs automatic location retrieval.

setLocationDecimalDigits(int) - Static method in class `com.appnexus.opensdk.SDKSettings`
Sets the number of digits after the decimal of the latitude and longitude.

setLocationEnabled(boolean) - Static method in class `com.appnexus.opensdk.SDKSettings`
Sets whether or not location (latitude, longitude) is retrieved and passed in the ad request.

setLocationEnabledForCreative(boolean) - Static method in class `com.appnexus.opensdk.SDKSettings`
Sets whether or not location (latitude, longitude) permission alert will be shown to the user when called by the Creative.

setMaxSize(int, int) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the maximum size of the desired ad.

setOpensNativeBrowser(boolean) - Method in class `com.appnexus.opensdk.AdView`
Deprecated.
Use `setClickThroughAction` instead Refer `ANClickThroughAction`

setOpensNativeBrowser(boolean) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Deprecated.
Use `setClickThroughAction` instead Refer `ANClickThroughAction`

setOpensNativeBrowser(boolean) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Deprecated.
Use `setClickThroughAction` instead Refer `ANClickThroughAction`

setPlacementID(String) - Method in class `com.appnexus.opensdk.AdView`
Sets the placement id of the AdView.

setPlacementID(String) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Sets the placement id of the VideoAd.

setPlacementID(String) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Sets the placement id of the NativeAdRequest.

setReserve(float) - Method in class `com.appnexus.opensdk.AdView`
Set a reserve price.

setResizeAdToFitContainer(boolean) - Method in class `com.appnexus.opensdk.BannerAdView`
Set whether ads will expand to fit the BannerAdView.

setShouldReloadOnResume(boolean) - Method in class `com.appnexus.opensdk.BannerAdView`
Set whether or not this view should load a new ad if the user resumes use of the app from a screenlock or multitask.

setShouldServePSAs(boolean) - Method in class `com.appnexus.opensdk.AdView`
Allows overriding the platform behavior in the case there is no ad currently available.

setShowLoadingIndicator(boolean) - Method in class `com.appnexus.opensdk.AdView`
Set whether or not the banner or interstitial should show the loading indicator after being pressed, but before able to launch the browser.

setShowLoadingIndicator(boolean) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Set whether or not the Video Ad should show the loading indicator after being pressed, but before able to launch the browser.

setTransitionDirection(TransitionDirection) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the transition animation's direction

setTransitionDuration(long) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the transition animation's duration

setTransitionType(TransitionType) - Method in class `com.appnexus.opensdk.BannerAdView`
Set the transition animation's type

setVideoPlaybackListener(VideoAdPlaybackListener) - Method in class `com.appnexus.opensdk.instreamvideo.VideoAd`
Register a videoPlaybackListener for Video Events callback like Quartiles/Play/Pause/Completed.

shouldDismissOnClick() - Method in class `com.appnexus.opensdk.InterstitialAdView`

shouldLoadIcon(boolean) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Call to override the icon resource auto download feature.

shouldLoadImage(boolean) - Method in class `com.appnexus.opensdk.NativeAdRequest`
Call to override the image resource auto download feature.

show() - Method in class `com.appnexus.opensdk.InterstitialAdView`
Pops interstitial ads from the queue until it finds one that has not exceeded the 60 second timeout, and displays it in a new activity.

show() - Method in interface `com.appnexus.opensdk.MediatedInterstitialAdView`
The AppNexus SDK will call this method to show the interstitial view when the user has called `InterstitialAdView.show()`.

showWithAutoDismissDelay(int) - Method in class `com.appnexus.opensdk.InterstitialAdView`
Pops interstitial ads from the queue until it finds one that has not exceeded the 60 second timeout, and displays it in a new activity.

T

TargetingParameters - Class in `com.appnexus.opensdk`
An object of this type is sent to the third-party SDK's `MediatedAdView` object.

TargetingParameters(String, AdView.GENDER, ArrayList<Pair<String, String>>, Location, String) - Constructor for class `com.appnexus.opensdk.TargetingParameters`

TransitionDirection - Enum in `com.appnexus.opensdk.transitionanimation`

TransitionType - Enum in `com.appnexus.opensdk.transitionanimation`

U

[unRegisterTracking\(View\)](#) - Static method in class `com.appnexus.opensdk.NativeAdSDK`
Called when you are finished with the views for the response or wish to reuse the view object(s) for a new `NativeAdResponse`.

[unregisterViews\(\)](#) - Method in interface `com.appnexus.opensdk.NativeAdResponse`
Unregister views for this response This will be destroyed once views are unregistered

[useHttps\(boolean\)](#) - Static method in class `com.appnexus.opensdk.SDKSettings`
Enable HTTPS in the SDK if set to true.

V

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.AdType`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.AdView.GENDER`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.ANClickThroughAction`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.BannerAdView.AdAlignment`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.instreamvideo.Quartile`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener.PlaybackCompletionState`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.NativeAdResponse.Network`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.ResultCode`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionDirection`
Returns the enum constant of this type with the specified name.

[valueOf\(String\)](#) - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionType`
Returns the enum constant of this type with the specified name.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.AdType`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.AdView.GENDER`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.ANClickThroughAction`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.BannerAdView.AdAlignment`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.instreamvideo.Quartile`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.instreamvideo.VideoAdPlaybackListener.PlaybackCompletionState`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.NativeAdResponse.Network`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.ResultCode`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionDirection`
Returns an array containing the constants of this enum type, in the order they are declared.

[values\(\)](#) - Static method in enum `com.appnexus.opensdk.transitionanimation.TransitionType`
Returns an array containing the constants of this enum type, in the order they are declared.

[VideoAd](#) - Class in `com.appnexus.opensdk.instreamvideo`

[VideoAd\(Context, String\)](#) - Constructor for class `com.appnexus.opensdk.instreamvideo.VideoAd`

[VideoAd\(Context, String, int\)](#) - Constructor for class `com.appnexus.opensdk.instreamvideo.VideoAd`

[VideoAdLoadListener](#) - Interface in `com.appnexus.opensdk.instreamvideo`

[VideoAdPlaybackListener](#) - Interface in `com.appnexus.opensdk.instreamvideo`

[VideoAdPlaybackListener.PlaybackCompletionState](#) - Enum in `com.appnexus.opensdk.instreamvideo`
Video Completion states.

W

[width\(\)](#) - Method in class `com.appnexus.opensdk.AdSize`

A B C D F G H I L M N O P Q R S T U V W

