
POKKT Native iOS SDK Developer API Guide

Approval Form

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How to use PokktSDK?

PokktSDK integration steps

Step1 : Add the libPokktSDK.a file to application

Project Header → Targets → Build Phase → Link Binary With Libraries → Plus → Others
→ Choose libPokktSDK.a

Steps 2: Add SDK Public header files to application.
Drag and drop the all .h files to application.

Implementation steps.

- Import the PokktManager.h file into your application . Then create instance for the PokktManager class. While creating instance you can send user security information as dictionary or you can set user security information values into PokktManagerSecurity.plist. (Required)
- By default auto cache is 'Enabled', When we need to disable auto cache , To be pass the user security information with auto cache 'NO'.
- You can set the debug enabled or not. By default it is 'NO'. (Optional)
- Mandatory to set the delegate for callbacks. (Required)
- Mandatory to pass the present controller for playing the videos. (Required)
- When we disabled auto cache. This "cacheVideoCampaign" function need to be called. This will call the service to get the video and cache. (Required)
- After cached To play Incentivised or non Incentivised video's ,call "playVideoCampaign:" function. (Required)
- To show the play video buttons , need to observe "isVideoAvailable" function. (Required)
- To show the skip button on video player , While playing the video. Need to call "setSkipVideo:" as YES or NO. By default it is YES. (Optional)
- You can set the default time to show skip button on video. For that need to call the "setDefaultSkipTime" function. (Optional)
- Need to implement the delegate methods to handle the video presentation and when downloading completed or failed. (Required)

Public class:

PokktManager

Purpose

Getting Instance of Pokkt SDK and executing operations play video campaign.

Constants

```
static NSString * SECURITY_KEY      = @"security_key";
static NSString * APPLICATION_ID    = @"application_id";
static NSString * USER_ID          = @"U_ID";
static NSString * INTEGRATION_TYPE = @"integration_type";
static NSString * AUTO_CACHE_VIDEO = @"auto_cache_video";
```

Use this constants for when user want to send their security information.

Public methods

+ (id)sharedInstance

Create instance of PokktManager to access pokkt sdk. This will do the auto cache.

Returns

Instance of PokktManager.

Example

```
PokktManager *pokktManager = [PokktManager sharedInstance];
```

+ (id)sharedInstance:(NSDictionary *)userInfoDict

Create instance of PokktManager to access pokkt sdk.

Method Parameters

userInfoDict : This is dictionary, User has to pass the security key,application id,user id and integrity type as a dictionary . Create dictionary with constant string as a keys. Here we can disable the auto cache.

Returns

Instance of PokktManager.

Example

```
NSDictionary *userDict = [NSDictionary dictionaryWithObjectsAndKeys: @"", SECURITY_KEY, @"",
APPLICATION_ID, @"", USER_ID,@"", INTEGRATION_TYPE,[NSNumber numberWithInt:NO],
AUTO_CACHE_VIDEO, nil];
PokktManager *pokktManager = [PokktManager sharedInstance:dict];
```

- (void)setDebugger:(BOOL)isEnabled;

To set debug mode YES or NO . By default, debug mode is YES.

Method Parameters

isEnabled: Whether app should be run in debug mode.

Example

```
[pokktManager setDebugger:YES];
```

- (void)cacheVideoCampaign

It will call video service and then it will cache those video.

Example

```
[pokktManager cacheVideoCampaign];
```

- (void)playVideoCampaign:(BOOL)alsIncentivised

Play cached video campaign.

Method Parameters

alsIncentivised: To set whether user will be gratified or not.

Example

```
[pokktManager playVideoCampaign:YES]; // Gratified Video  
or  
[pokktManager playVideoCampaign:NO]; // Non Gratified Video
```

- (BOOL)isVideoAvailable

Check whether video is cached on device.

Returns

Returns YES if video is cached on device else returns NO.

Example

```
BOOL blsVideoAvailable = [pokktManager isVideoAvailable];
```

- (void)setDefaultSkipTime:(int)timeInSec;

Set the default skip time in seconds.

Method Parameters

timeInSec: Time for skip the video.

Example

```
[pokktManager setDefaultSkipTime:10];
```

-
- (void)setSkipVideo:(BOOL)boolVal;
To set skip video functionality while playing. By default, skip button is visible.

Method Parameters

shouldSkip: YES for disable skip button.

Example

```
[pokktManager setSkipVideo:YES];
```

- (void)setPokktDelegate:(id<PokktDelegate>)mDelegate;
To set Pokkt Delegate functionality. for call back the delegates. while playing video.

Method Parameters

mDelegate : Current class object for call back delegates.

Example

```
[pokktManager setPokktDelegate:self];
```

- (void)setPresentView:(UIViewController *)controller;
To set the presentview for player view.

Method Parameters

controller : Present controller object

Example

```
[pokktManager setPresentView:self];
```

Properties of PokktManager

@property (nonatomic, strong, readonly) NSString * applicationId;
This property is used to read the application id.

@property (nonatomic, strong, readonly) NSString * UID;
This property is used to read the user id.

@property (nonatomic, strong, readonly) NSString * SDKVersion;
This property is used to read the SDKVersion.

@property (nonatomic, strong, readonly) NSString * videoVC;
This property is used to read the VideoVC.

@property (nonatomic, strong, readonly) NSString * securityKey;
This property is used to read the securityKey.

`@property (nonatomic, readonly) BOOL isLogEnabled;`
This property is used to read the isLogEnabled.

`@property (nonatomic, strong) NSString * name;`
Optional to set the name property.

`@property (nonatomic, strong) NSString * age;`
Optional to set the age property.

`@property (nonatomic, strong) NSString * sex;`
Optional to set the sex property.

`@property (nonatomic, strong) NSString * location;`
Optional to set the location property.

`@property (nonatomic, strong) NSString * martial_Status;`
Optional to set the martial_Status property.

`@property (nonatomic, strong) NSString * birthday;`
Optional to set the birthday property.

`@property (nonatomic, strong) NSString * facebook_ID;`
Optional to set the facebook_ID property.

`@property (nonatomic, strong) NSString * twitter_Handle;`
Optional to set the twitter_Handle property.

`@property (nonatomic, strong) NSString * education_Information;`
Optional to set the education_Information property.

`@property (nonatomic, strong) NSString * nationality;`
Optional to set the nationality property.

`@property (nonatomic, strong) NSString * employment_Status;`
Optional to set the employment_Status property.

`@property (nonatomic, strong) NSString * content_type;`
Optional to set the content_type property.

`@property (nonatomic, strong) NSString * opt_userId;`
Optional to set the opt_userId property.

PocketController:

Delegate methods

DownloadCompleteListener (PokktDelegate)

Purpose

Set delegate for downloading.

Public Methods

- (void)didFinishedVideoDownload:(BOOL)isFinished;
Called when video downloading is completed.

Method Parameters

isFinished: Bool value of the video downloaded .

- (void)didFailedVideoDownload:(NSString *)errorMsg;
Called when video downloading has failed.

Method Parameters

message: error message for failure.

Example

```
- (void)didFinishedVideoDownload:(BOOL)isFinished
{
    // Do operation when video downloading finished
}

- (void)didFailedVideoDownload:(NSError *)error
{
    // Do operation when video downloading failed
}
```

VideoDisplayedDelegate (PokktDelegate)

Purpose

Set delegate on video playback display.

Public methods

- (void)onVideoDisplayed
Called when video is started.

Example

```
- (void)onVideoDisplayed
{
    // Do Operation on when video displayed
}
```

VideoCompletedDelegate (PokktDelegate)

Purpose

Set delegate on video playback completion after full view.

Public methods

- (void)onVideoCompleted:(BOOL)isCompleted

Called when video playing is completed after full view.

Example

```
- (void)onVideoCompleted:(BOOL)isCompleted
{
    // Do operation when video completed
}
```

VideoSkippedDelegate (PokktDelegate)

Purpose

Set delegate on video playback is skipped.

Public methods

- (void)onVideoSkipped

Called when video is skipped using skip button.

Example

```
- (void)onVideoSkipped
{
    // Do operation when video skipped
}
```

VideoGratifiedDelegate (PokktDelegate)

Purpose

Set delegate to know whether to gratify user.

Public methods

- (void)onVideoGratified:(VideoResponse *)videoResponse

Called when video playing is completed and user is to be gratified for the view.

Example

```
- (void)onVideoGratified:(VideoResponse *)videoResponse
{
    // Received the videoresponse model classes
}
```

VideoResponse

Purpose

This is a model classes . It will return the response of the gratified videos.

PokktManagerSecurity.plist

Purpose

In this plist file , have to set some security values for getting the videos.

Otherwise we can make the dictionary with security key and values , This dictionary should pass to pokktmanager instance methods.

In the above steps we should use any one.