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# POKKT Native iOS SDK Developer API Guide

v1.0

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## 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 )
- You can set the debug enabled or not. By default it takes yes. (Optional)
- Mandatory to set the delegate for callbacks. (Required)
- Mandatory to pass the present controller for playing the videos. (Required)
- To cache the videos , “cacheVideoCampaign” function should 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)

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## 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.

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.

Returns  
Instance of PokktManager.

Example  
`NSDictionary *userDict = [NSDictionary dictionaryWithObjectsAndKeys: @"" , SECURITY_KEY, @"" , APPLICATION_ID, @"" , USER_ID,@"" , INTEGRATION_TYPE, nil];  
PokktManager *pokktManager = [PokktManager sharedInstance:dict];`

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- (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)isIncentivised

Play cached video campaign.

#### Method Parameters

isIncentivised: 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.

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`@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.

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## PokketController:

### 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
}
```



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## 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 compleated
}
```

## 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 videoreponse model classes
}
```

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## 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.