

**About:**

This component works over the UILocalNotification class in iOS and makes scheduling, handling, removing, and canceling local notifications easier.

**Local Notification Helper Design:**

Listed below are the Local Notification Helperfeatures

1. Schedule local notifications for a future fire date.
2. Customize local notification sounds, launch screen etc.
3. Edit or clear badge count of the application
4. Cancel notifications from firing.

**API Implementation Notes:**

JAMBULNotificationsHelper

It is a concrete NSObject subclass and the only class that helps in handling notifications.

1. + (void) clearBadgeCount;

Description

This method clears the badge count on top of the application.



1. + (UILocalNotification\*) scheduleNotificationOn:(NSDate\*) fireDate
2. text:(NSString\*) alertText
3. action:(NSString\*) alertAction
4. sound:(NSString\*) soundfileName
5. launchImage:(NSString\*) launchImage
6. andInfo:(NSDictionary\*) userInfo;

Description

This method schedules a local notification for a fire date specified.

alertText – the text that needs to be displayed in the notification.

alertAction – The alert action is the title of the right button of the alert or the value of the   
 unlock slider, where the value replaces “unlock” in “slide to unlock”.

soundfileName – the name of the sound file that is played during the notification fire event, if nil it defaults to the default tone set by the user.

LaunchImage – set this image if you want to override the default launch image.

userInfo – any extra information that you may want to add to the local notification, that may be used when handling notifications during their fire event.

1. + (void) handleReceivedNotification:(UILocalNotification\*) thisNotification;

Description

This method helps in handling a received local notification, for now it shows an alert by default. Extend this behavior to perform whatever needed.

1. + (void) removePreviousNotifications;

Description

This method removes/cancels all previously scheduled notifications.

1. +(void)cancelLocalNotification:(UILocalNotification\*)notification;

Description

This method cancels a particular UILocalNotification specified by the argument notification.

#### Files to be included

#### Frameworks to be included

UIKit.framework

**Example:**

[JAMBULNotificationsHelper scheduleNotificationOn:[NSDate date] text:@”Some Random Text” action:@"Show me the item" sound:nil launchImage:nil andInfo:nil];

**Enhancements:**

Enabling local notifications from the background by using the background execution api introduced in iOS 7.

**How To Use:**

Include the UILocalNotification helper class to your project.

Add this method to your appDelegate class

- (void)application:(UIApplication \*)application didReceiveLocalNotification:(UILocalNotification \*)notification

{

[JAMBULNotificationsHelper handleReceivedNotification:notification];

}