

# Integration

## How to integrate vanillaNAV in native iOS apps VanillaNAV Framework for iOS

- Sign up for a account on [www.vanillanav.com](http://www.vanillanav.com)
- Create an online venue using [vanillaNAV Manager](#)

### Installation

#### CocoaPods

[CocoaPods](#) is a dependency manager for Cocoa projects. You can install it with the following command:

```
$ gem install cocoapods
```

To integrate VanillaNav SDK into your Xcode project using CocoaPods, specify it in your Podfile:

```
pod 'VanillaNavFramework', :git => "http://gitlab.rossoftlab.net/d.dani  
lov/vanillanav-ios.git"
```

Then, run the following command:

```
$ pod install
```

#### Requirements

iOS 9.0 or later, written in Swift3.

#### Usage

Import the library in all files where you use it:

```
import VanillaNavFramework
```

#### Calling VanillaNav navigation

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URL: <http://www.vanillanav.com/faq/index.php?action=artikel&cat=5&id=20&artlang=en>

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```
// Unique id of the venue generated by www.vanillanav.com
let venueId: UInt64 =
let destinationId: UInt64 = 15875

let nav = NavigationVC(venueId: venueId, destinationId: destinationId)
self.navigationController?.pushViewController(nav, animated: true)
```

## Save location

```
let nav = SaveDestinationVC(venueId: venueId)
self.navigationController?.pushViewController(nav, animated: true)
```

SaveDestination view controller automatically dismiss when he saved destination id in memory.

## Get saved location id

```
let id: UInt64? = SaveDestinationManager.getSavedMarkerId(forVenue: venueId)
```

Return nil when no location saved.

## Delete saved location

```
SaveDestinationManager.deleteSavedMarker(forVenue: venueId)
```

## Retrieving the list of destinations

```
_ = PublicApi.loadVenue(withId: venueId)
.subscribe(onNext: { (venue) in
    let destinations: [Destination] = venue.destinations
}, onError: nil, onCompleted: nil, onDisposed: nil)
```

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## Retrieving the list of events

```
_ = PublicApi.loadVenuesList().subscribe(onNext: {  
    (venues: [VenueCompact]) -> Void in  
    //use de list of destinations  
}, onError: nil
```

Unique solution ID: #1019

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