<https://ionicframework.com/docs/native/push/>

# Push

Register and receive push notifications.

Requires Cordova plugin: phonegap-plugin-push. For more info, please see the [Push plugin docs](https://github.com/phonegap/phonegap-plugin-push).

For TypeScript users, see the [Push plugin docs about using TypeScript for custom notifications](https://github.com/phonegap/phonegap-plugin-push/blob/master/docs/TYPESCRIPT.md).

Repo: <https://github.com/phonegap/phonegap-plugin-push>

## Installation

1. Install the Cordova and Ionic Native plugins:
2. $ ionic cordova plugin add phonegap-plugin-push  
   $ npm install --save @ionic-native/push
3. [Add this plugin to your app's module](https://ionicframework.com/docs/native/#Add_Plugins_to_Your_App_Module)
4. Create a project for in firebase and add for notification copy senderid from project setting->cloud messaging->Sender ID
5. Get google.json from google firebase and put in plateform/android
6. Send form notification from fire base

In app.module.ts

import { Push, PushObject, PushOptions } from '@ionic-native/push';

…

providers: [

StatusBar,

SplashScreen,

Push,

{provide: ErrorHandler, useClass: IonicErrorHandler}

]

//////////////// In confige.xml

...

<plugin name="cordova-plugin-ionic-keyboard" spec="^2.0.5" />

<plugin name="phonegap-plugin-push" spec="^2.1.3">

<variable name="FCM\_VERSION" value="11.6.2" />

<variable name="SENDER\_ID" value="807736096233" />

</plugin>

</widget>

**//// in home.ts**

**import { Component } from '@angular/core';**

**import { NavController } from 'ionic-angular';**

**import { Push, PushObject, PushOptions } from '@ionic-native/push';**

**@Component({**

**selector: 'page-home',**

**templateUrl: 'home.html'**

**})**

**export class HomePage {**

**constructor(public navCtrl: NavController,private push: Push) {**

**// to check if we have permission**

**this.push.hasPermission()**

**.then((res: any) => {**

**if (res.isEnabled) {**

**console.log('We have permission to send push notifications');**

**this.initPush();**

**} else {**

**console.log('We do not have permission to send push notifications');**

**}**

**});**

**}**

**initPush(){**

**// to initialize push notifications**

**const options: *any* = {**

**android: {},**

**ios: {**

**alert: 'true',**

**badge: true,**

**sound: 'false'**

**},**

**windows: {},**

**browser: {**

**pushServiceURL: 'http://push.api.phonegap.com/v1/push'**

**}**

**};**

**const pushObject: PushObject = this.push.init(options);**

**pushObject.on('notification').subscribe((notification: any) => console.log('Received a notification', notification));**

**pushObject.on('registration').subscribe((registration: any) => {**

**console.log('Device registered', registration);**

**console.log('Device registeredidToken', registration.registrationId);**

**});**

**pushObject.on('error').subscribe(error => console.error('Error with Push plugin', error));**

**}**