**Fcm Plugin use using Firebase (tested on android)**

<https://javebratt.com/ionic-push-notification/>

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

Create project and fire message from cloud-messaging

$ ionic cordova plugin add cordova-plugin-fcm-with-dependecy-updated

$ npm install --save @ionic-native/fcm

In app.module.ts

import { FCM } from '@ionic-native/fcm';  
@NgModule({  
 imports: [...],  
 providers: [  
 ...,  
 FCM  
 ]  
})

In app.html

<ion-nav #myNav [root]="rootPage"></ion-nav>

IN app.component.ts

import { Component, ViewChild } from '@angular/core';  
import { Platform, NavController } from 'ionic-angular';  
import { FCM } from '@ionic-native/fcm';

...

…

@ViewChild('myNav') navCtrl: NavController;

rootPage:any = HomePage;

…

constructor(private fcm: FCM,platform: Platform, statusBar: StatusBar, splashScreen: SplashScreen) {

platform.ready().then(() => {

this.fcm.subscribeToTopic('all');

this.fcm.getToken().then(token => {

console.log("getToken",token);

//backend.registerToken(token);

});

fcm.onNotification().subscribe(data => {

if (data.wasTapped) {

console.log("Received in background");

console.log(JSON.stringify(data));

this.navCtrl.push(Page2Page, { profileId: 'data' });

} else {

console.log("Received in foreground");

console.log(JSON.stringify(data));

this.navCtrl.push(Page2Page, { profileId: 'dssd' });

}

});

// Okay, so the platform is ready and our plugins are available.

// Here you can do any higher level native things you might need.

statusBar.styleDefault();

splashScreen.hide();

});

}

}

//\*\*\*\*\*\*\*\*\*\*For ios\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*//

#Downloaded google.plist rename and remove all time and date and save it ionic root

Folder

#Downloaded .plist open and Copy all text and paste in xcode->Resources->config->

Open google .plist with editor and paste and save it.

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*send By msg from firebase Console\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*///

Reinstall App

OR

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*send By PostMan from firebase Console\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*///

url:https://fcm.googleapis.com/fcm/send

Method :post

ON Header

Content-Type:application/json,

Authorization:key=AIzaSyBf4eD7eXH1JWgDhdoSSzjJHSWP8\_SfWNk (Legacy server key from firebase or we can also use server key)

ON Body=>raw=>

{

"to": "/topics/all",

"notification" : {

"body" : "great match!",

"sound":"default",

"content\_available" : true,

"priority" : "high",

"click\_action":"FCM\_PLUGIN\_ACTIVITY",

"title" : "Portugal vs. Denmark"

},

"data" : {

"param1":"value1",

"param2":"value2"

}

}

To test

Small icon not working on android 6.0

Might be image size problem

And other version working well

"vibrate":1,

"smallIcon":"https://www.trentlo.com/public/siteAssets//images/logo\_reverse\_full.png",

"largeIcon":"<http://media5.letsbonus.com/products/285000/285006/14014409744462-0-1700x690.jpg>",

/////////////////////////////\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* using device id

{

"to": "e9NxlRLZS0Y:APA91bGoD8yBLuYlCdbcrgpfH39U0Bp\_EBLZllXOdwYv2tqvGZVGpw05PnKbIkJDoFNpXitkw5inWJLWxh6eIjZjOhDFw\_uHAiEaE17620vfQKt1t99hZeIMFe\_M1PBSJ19KtFHHyHj8",

"notification" : {

"body" : "testing app",

"sound":"default",

"content\_available" : true,

"priority" : "high",

"click\_action":"FCM\_PLUGIN\_ACTIVITY",

"title" : "testing app"

},

"data" : {

"param1":"value1",

"param2":"value2"

}

}

##########################################################

Note

Problem with android

Fcm causes problem

Update this plateform -> android -> project-properties ->

Update

# Project target.

target=android-27

android.library.reference.1=CordovaLib

android.library.reference.2=app

cordova.system.library.1=com.squareup.okhttp3:okhttp-urlconnection:3.10.0

cordova.system.library.2=com.android.support:support-v4:24.1.1+

cordova.system.library.3=com.facebook.android:facebook-android-sdk:4.36.0

cordova.system.library.4=com.google.firebase:firebase-core:10.+

cordova.system.library.5=com.google.firebase:firebase-messaging:10.+

cordova.gradle.include.1=cordova-plugin-fcm-with-dependecy-updated/app-FCMPlugin.gradle

cordova.system.library.6=com.google.android.gms:play-services-auth:10.+

cordova.system.library.7=com.google.android.gms:play-services-identity:10.+

cordova.system.library.8=com.android.support:support-v4:24.1.1+

\*\*\* Upload production certificate APN on FCM

It will work on Dev And ProDuction and Run xcode lagacy

Build system

\*upload .p12 same certificates for both places development and production

Only production version needed but we can use both