## Set Up Buzztouch Android app with Google Cloud Services Dashboard

Created by Alan MacGechan 28th January 2013

## Overview

1) Log into my Google Account on the internet and create a Project ID and an Android API Key.

3) Make changes in Eclipse

2) Set up the Buzztouch Control Panel.

## Anatomy of an Android Push Notification



Det	Detailed Step-by-Step Guide							
	Step	Comment	Example					
1	Create a Google Project ID and an Android API Key for GCM	Google Cloud Messaging is the bearer for the messaging service						
1a	Sign in to your Google Developers account.	Navigate to <u>http://code.google.com/</u> Register if you do not have an account.	Google       scoup         Accounts       Sign in or the right or create an account for free.         Sign in on the right or create an account for free.       Sign in Google         Consult       Char with friends and never miss an of the relevant results based on y         Consult       Sign in Coogle         Descondized Search of the descond       Sign in Coogle         Dike Google ?       Stay signed in Coaft access your account?					
1b	Create an API project	https://code.google.com/apis/console/ Navigate to Google apis, click on the top menu The Project ID name that you register must be all lower case.	Skitch       Knight       Knight					

1c Gener	rate a new key for Android	Do this once you have a Proiect ID		To prevent abuse. Google places limits on API requests. Using a valid OAuth token or		
apps	apps	name,. Click on API Access and just generate a key, don't link it to anything and it is allowed for all apps. Do not create an OAuth 2.0 client ID	rvices	key allows you to exceed anonymous limits by connecting requests back to your proje		
			зm	Authorized API Access		
			l Access			
			ports otas	OAuth 2.0 allows users to share specific data with you (for example, contact lists) while keeping their usernames, passwords, and other information private. A single project may contain up to 20 client IDs.		
				Create an OAuth 2.0 client ID Simple API Access Use API keys to identify your project when you do not need to access user data. Learn more		
				Android apps: Any app allowed Activated on: Jan 26, 2013 4:37 AM Activated by: uk – you		
			Generate new	key Cancel		
1d Enable for And	Enable Google Cloud Messaging for Android	Navigate to Services to do this	Google apis	All (54) Active (1) Inactive (52) Google Cloud Platform		
			Overview Services	All services Select services for the project.		
			leam ADLA	Service Status Notes		
			API Access Reports Quotas	Google Cloud Messaging for Android @		

1e	Make a note of the Android API Key	the Android API You will need this later		API Access         To prevent abuse, Google places limits on API requests. Using a valid OAuth token         Authorized API Access         OAuth 2.0 allows users to share specific data with you (for example, contact lists) while keeping their usernames, passwords, and other information private. A single project may contain up to 20 client IDs.         Learn more         Create an OAuth 2.0 client ID         Simple API Access         Use API keys to identify your project when you do not need to access user data. L         Key for Android apps (with certificates)         API key:       AIzaSyA-1YJXBuosQzrQbGyukCkRt&oY6sX2yTO         Andreid apps:       Any app allowed         Activated on:       Jan 26, 2013 4:37 AM
1e	Navigate to Overview for your Google project and record the Project Number required for your app	This panel holds the critical information required to implement GCM in your app	Google apis	Ashboard Project Summary Name API Test Project Project Number 999999999 Project ID buzztouchtest Owners Guidentian - you

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▶Java Code Style	Google APIs	Google Inc.	1.5	3			
▶Java Compiler	Google APIs	Google Inc.	1.5	3			
▶Java Editor	Android 1.6	Android Open Source Project	1.6	4			
Javadoc Location	Google APIs	Google Inc.	1.6	4			
Project References	Android 2.0	Android Open Source Project	2.0	5			
Run/Debug Settings	Android 2.0.1	Android Open Source Project	2.0.1	6			
Task Tags	Android 2.1	Android Open Source Project	2.1	7			
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	Android 2.3.3	Android Open Source Project	2.3.3	10			
	Google APIs	Google Inc.	2.3.3	10			
	Android 3.0	Android Open Source Project	3.0	11			
	Google APIs	Google Inc.	3.0	11			
	Android 4.0.3	Android Open Source Project	4.0.3	15			
	Google APIs	Google Inc.	4.0.3	15			
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⊧lava Code Style	Google APIs	Google Inc.	1.5	3			
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lava Editor	Android 1.6	Android Open Source Project	1.6	4			
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Project References	Android 2.0	Android Open Source Project	2.0	5			
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Task Tags	Android 2.1	Android Open Source Project	2.1	7			
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	Android 2.2	Android Open Source Project	2.2	ð			
	🚺 🗹 Google APIs	Google Inc.	2.2	8			
	CALAXY Tab Addon	Samsung Electronics Co., Ltd.	2.2	8			
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	Google APIs	Google Inc.	2.3.1	9			
	Android 2.3.3	Android Open Source Project	2.3.3	10			
	Google APIs	Google Inc.	2.3.3	10			
	Android 3.0	Android Open Source Project	3.0	11			
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	Android 4.0.3	Android Open Source Project	4.0.3	15			

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3	Enable changes in the BuzzTouch Control Panel	Go to the project on the BuzzTouch Control Panel Eclipse and enter the Project Number	
3a	Set the Push Notification Settings Core Properties	In Core Properties for your application, enable your app for push, reset the default URL so it is visible and save.	<ul> <li>Push Notification Settings</li> <li>Prompt for Push Notifications         Yes, prompt for Push Notifications     </li> <li>Register Device URL          <ul> <li>Re-set to the the default control panel URL</li> <li>http://www.buzztouch.com/api/app/?command=registerForPush&amp;appGuid=.</li> </ul> </li> <li>These settings are used to prompt the app user to allow or disallow Puit's unique device token to a remote server where it is saved and used</li> <li>save</li> </ul>
3b	Add the GCM values for your app under Push Notifications menu	Enter the Google Android API key and the Project Number. <i>Note</i> - Do not use Project ID, it is the Project Number that is needed.	Home       How it Works       buzztouch U <sup>™</sup> Self Hosting       Plugins       Forums       How To's       buzz Map       About         Application Home       App Icon       Core       Layout       Themes       Screens       Logins       Files       Configuration Data       Publish Changes ●         Push Notifications for BuzzTestCP

If it works, you devices will show up as a registered device in the Buzztouch control panel When you launch your app, it will ask you if you wish to receive push notifications When you send a push, and your app needs to be running, it will be received on your devices as a system notification