



Api de Google Maps

Configuracion

 Create New Project ✕

 **New Project**
Android Studio

Configure your new project

Application name:

Company Domain:


Package name: [Edit](#)

Project location: ...

Previous **Next** Cancel Finish

Configuración

Create New Project

 Target Android Devices

Select the form factors your app will run on

Different platforms may require separate SDKs

☒ Phone and Tablet

Minimum SDK API 15: Android 4.0.3 (IceCreamSandwich)

Lower API levels target more devices, but have fewer features available.
By targeting API 15 and later, your app will run on approximately **97,4%** of the devices that are active on the Google Play Store.
[Help me choose](#)

☐ Wear

Minimum SDK API 21: Android 5.0 (Lollipop)

☐ TV

Minimum SDK API 21: Android 5.0 (Lollipop)

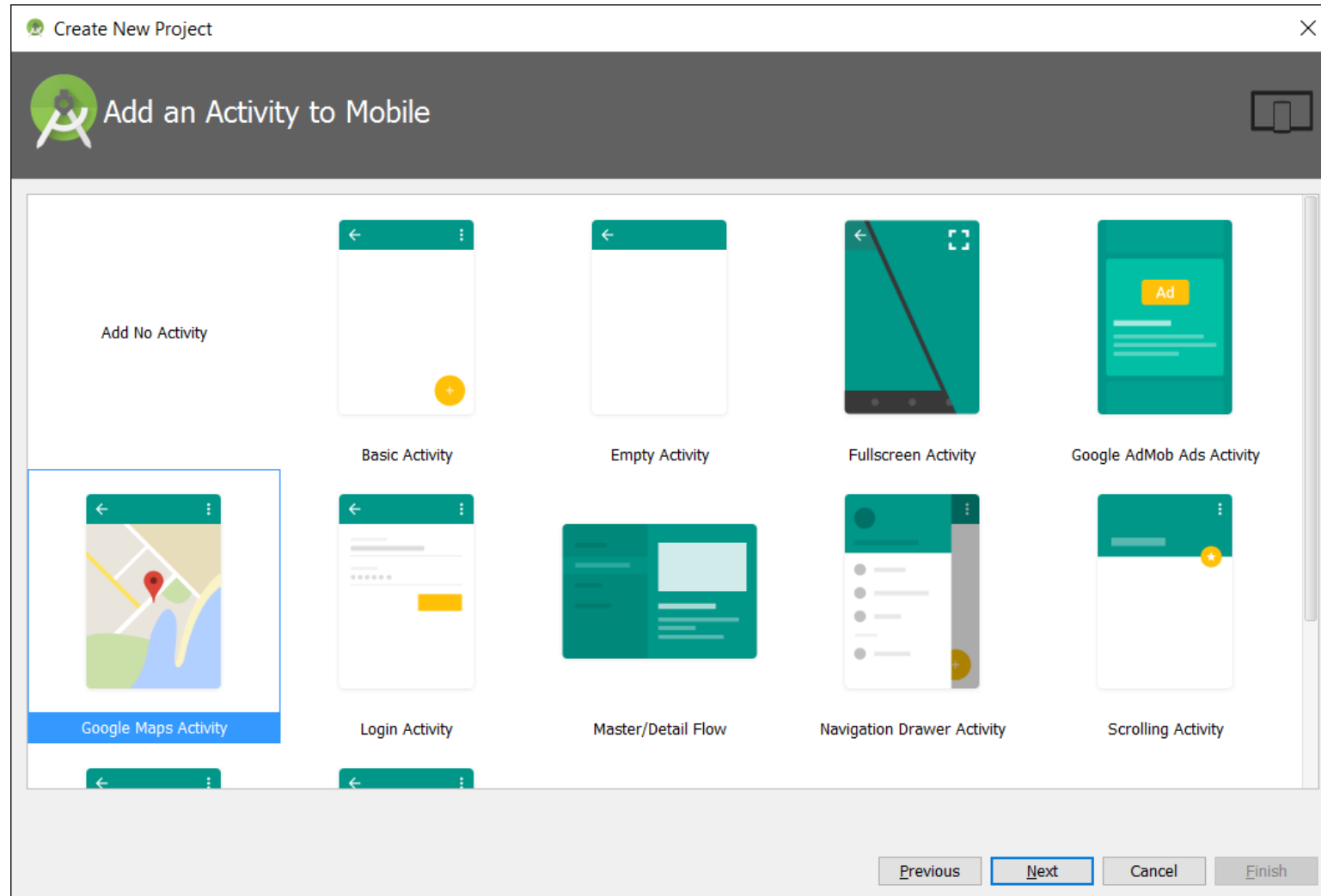
☐ Android Auto

☐ Glass

Minimum SDK Glass Development Kit Preview, Android 19, rev 11 (API 19)

Previous **Next** Cancel Finish

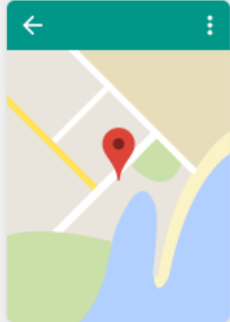
Configuracion



Configuracion

Create New Project

Customize the Activity



Google Maps Activity

Creates a new activity with a Google Map

Activity Name:

Layout Name:

Title:

The name of the activity class to create

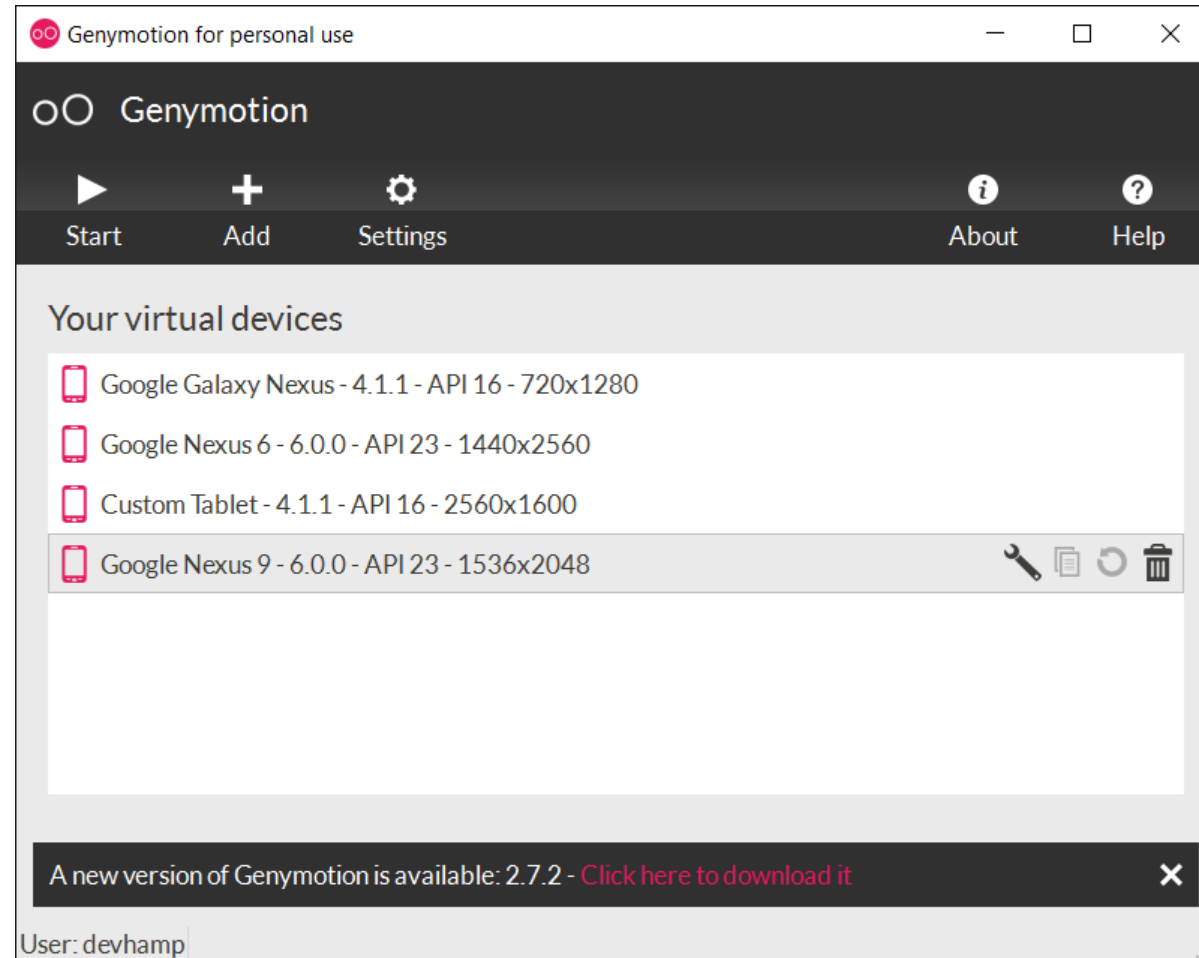
Previous

Next





Cancel

Finish

Configuracion



Configuracion

	benzo-gapps-M-20151011-signed-chroma-r3.zip
	gapps-L-4-21-15.zip
	Genymotion-ARM-Translation_v1.1.zip
	PasosInstalarPlayStore.txt

Configuracion

Android SDK Manager

Packages Tools

SDK Path: C:\Users\HAMP\AppData\Local\Android\sdk

Packages

Name	API	Rev.	Status
> Android 3.1 (API 12)			
> Android 3.0 (API 11)			
> Android 2.3.3 (API 10)			
> Android 2.3.1 (API 9)			
> Android 2.2 (API 8)			
> Android 2.1 (API 7)			
▼ Extras			
Google APIs by Google Inc., Android A		0	Installed
GPU Debugging tools		3.1	Not installed
GPU Debugging tools		1.0.3	Not installed
Android Support Repository		33	Installed
Android Support Library		23.2.1	Installed
Android Auto Desktop Head Unit emula		1.1	Not installed
Google Play services		30	Installed
Google Repository		28	Installed
Google Play APK Expansion library		1	Not installed
Google Play Licensing Library		1	Not installed
Google Play Billing Library		5	Not installed
Android Auto API Simulators		1	Not installed
Google USB Driver		11	Installed
Google Web Driver		2	Not installed
Intel x86 Emulator Accelerator (HAXM i		6.0.1	Not installed

Show: ☒ Updates/New ☒ Installed Select [New](#) or [Updates](#)

☐ Obsolete [Deselect All](#)

[Install packages...](#)

[Delete packages...](#)

Done loading packages.

Configuracion



Una cuenta. Todo Google.

Acceder para continuar con Google API Console



HA MP
hmendo81@gmail.com

Acceder

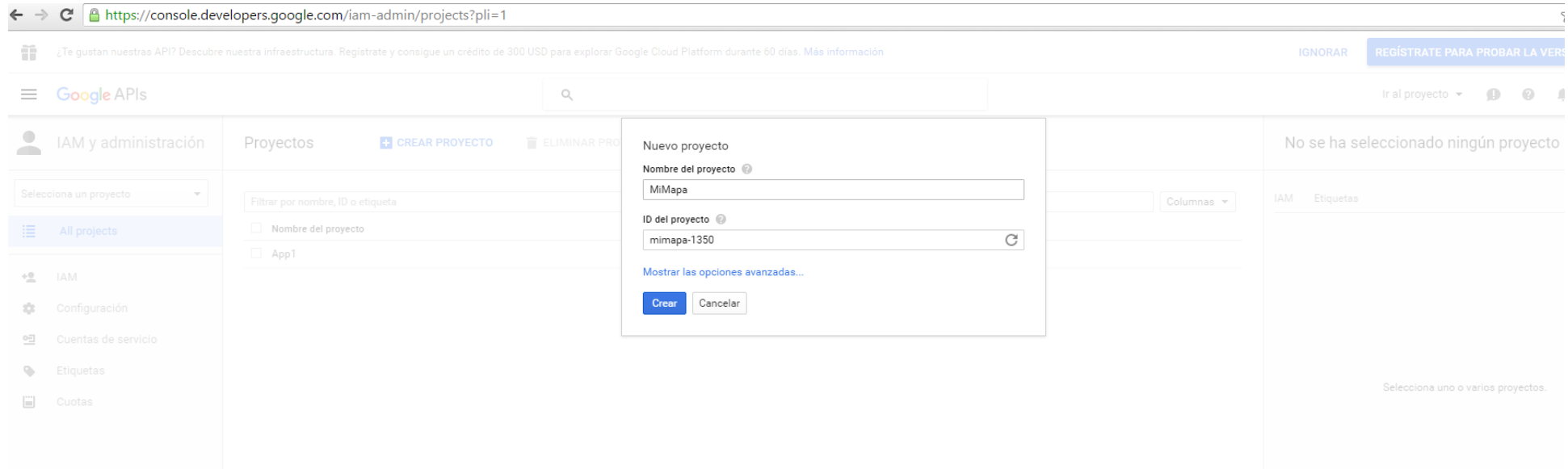
[¿Necesitas ayuda?](#)

[Accede con otra cuenta.](#)

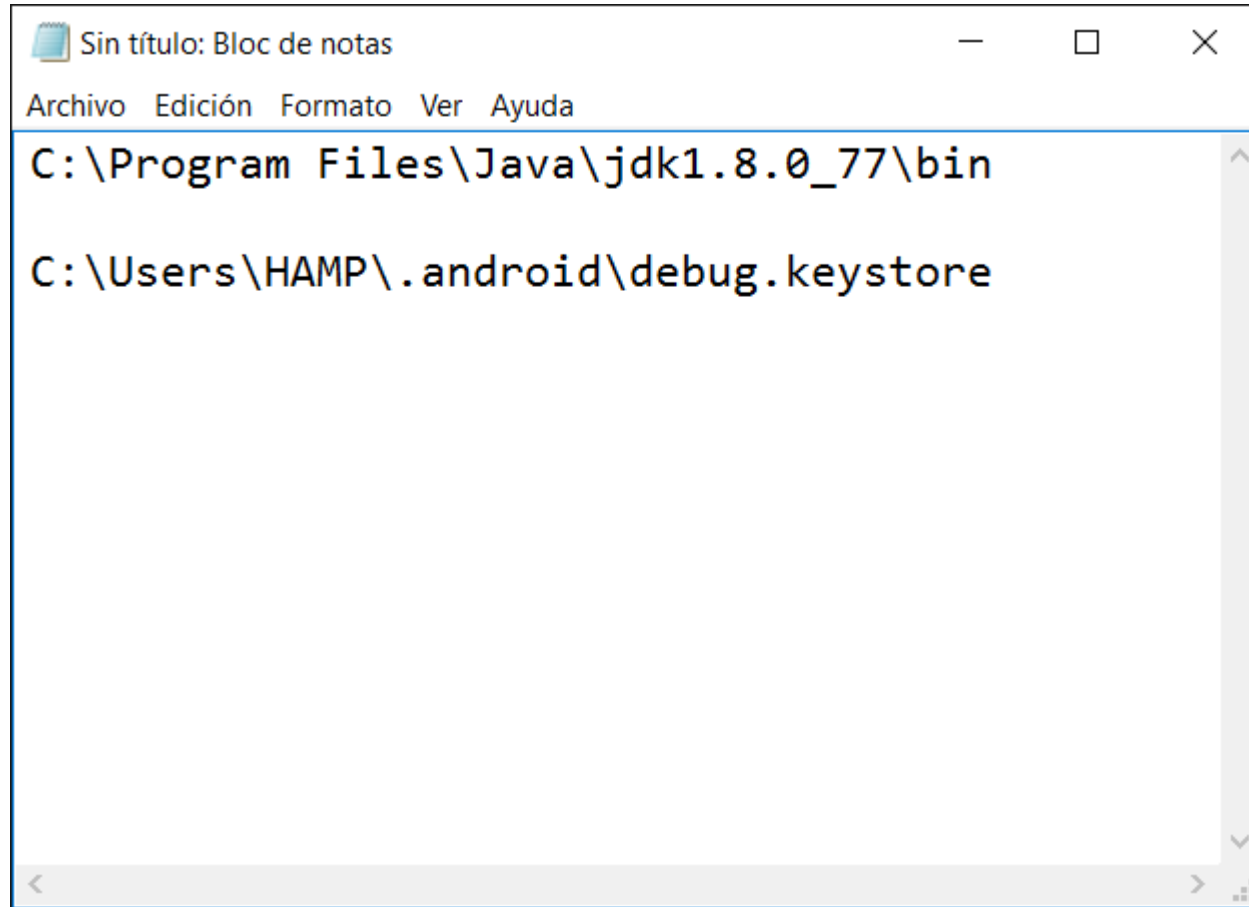
Una sola cuenta de Google para todos los servicios de Google



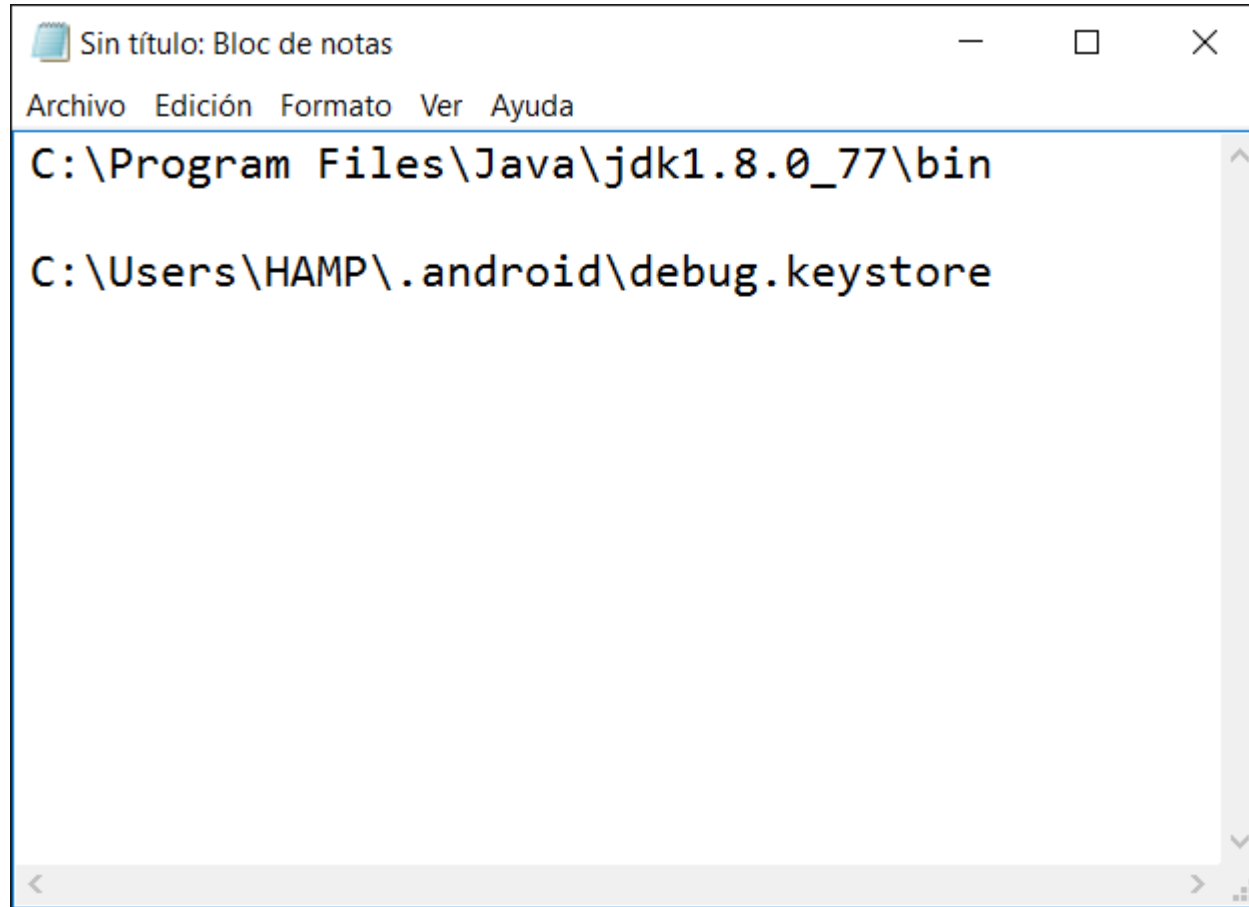
Configuración



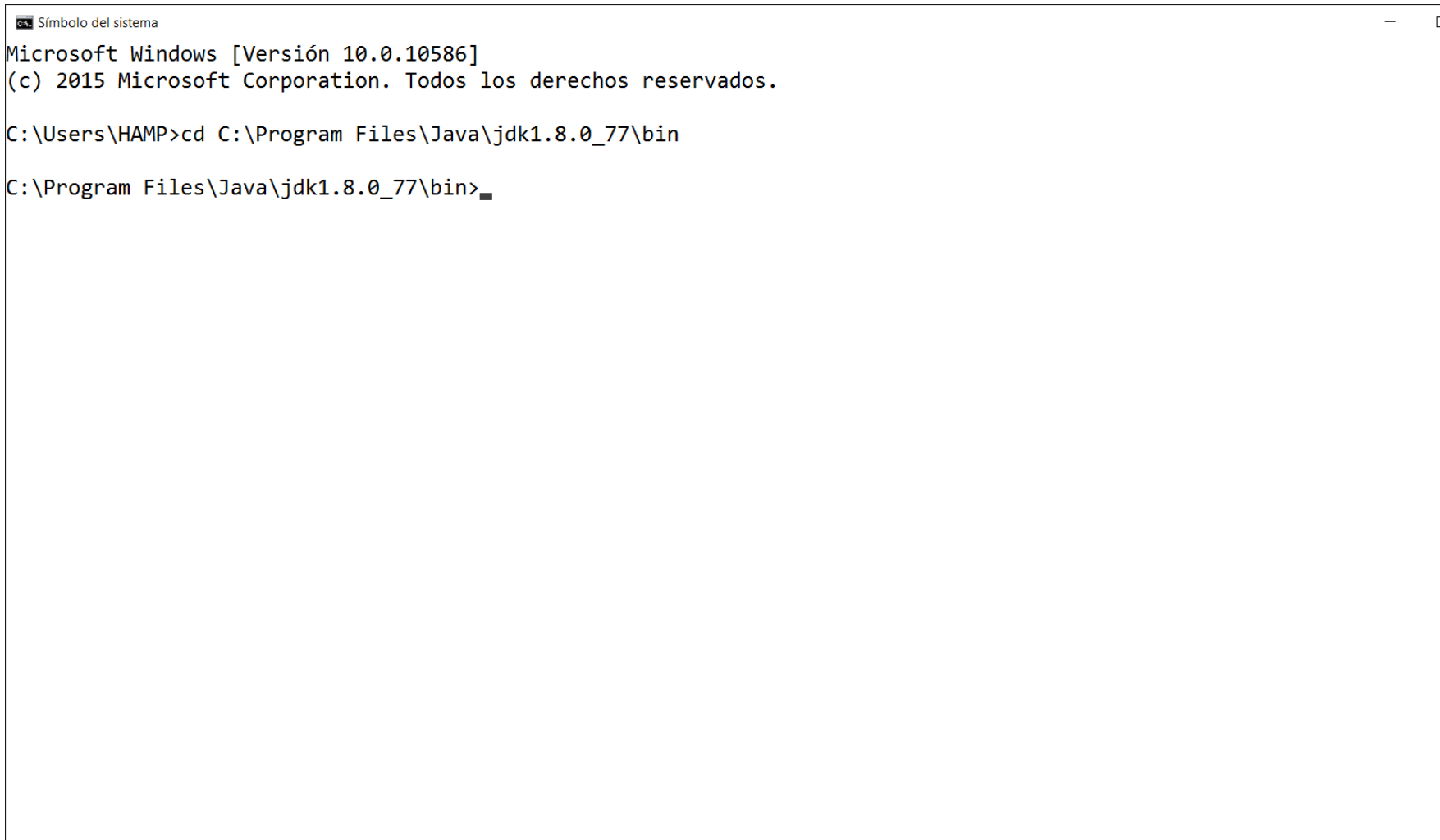
Configuracion



Configuracion



Configuracion




```
Símbolo del sistema
Microsoft Windows [Versión 10.0.10586]
(c) 2015 Microsoft Corporation. Todos los derechos reservados.

C:\Users\HAMP>cd C:\Program Files\Java\jdk1.8.0_77\bin

C:\Program Files\Java\jdk1.8.0_77\bin>
```

Configuracion


 Símbolo del sistema - keytool -list -v -keystore C:\Users\HAMP\.android\debug.keystore

```
Microsoft Windows [Versión 10.0.10586]  
(c) 2015 Microsoft Corporation. Todos los derechos reservados.
```

```
C:\Users\HAMP>cd C:\Program Files\Java\jdk1.8.0_77\bin
```

```
C:\Program Files\Java\jdk1.8.0_77\bin>keytool -list -v -keystore C:\Users\HAMP\.android\debug.keystore  
Introduzca la contraseña del almacén de claves:
```

Configuracion

 Seleccionar Símbolo del sistema

Proveedor de Almacén de Claves: SUN

Su almacén de claves contiene 1 entrada

Nombre de Alias: androiddebugkey

Fecha de Creación: 26/04/2016

Tipo de Entrada: PrivateKeyEntry

Longitud de la Cadena de Certificado: 1

Certificado[1]:

Propietario: C=US, O=Android, CN=Android Debug

Emisor: C=US, O=Android, CN=Android Debug

Número de serie: 1

Válido desde: Tue Apr 26 22:57:32 COT 2016 hasta: Thu Apr 19 22:57:32 COT 2046

Huellas digitales del Certificado:

MD5: 39:08:B8:21:AC:B5:70:B7:D8:39:F1:32:70:7F:BD:C5

SHA1: 8A:D9:FD:91:1D:F2:95:79:71:15:39:98:65:E3:D9:50:91:20:A1:95

SHA256: 4B:92:1C:71:46:71:A3:51:A8:82:10:B5:D5:3E:96:59:60:BE:9F:05:03:FD:A9

Nombre del Algoritmo de Firma: SHA1withRSA

Versión: 1

Configuración

Credenciales

Añadir credenciales al proyecto

- ✓ Averigua qué tipo de credenciales necesitas
Llamar a Google Maps Android API desde Android

2 Crear una clave de API

Nombre

Clave 1

Restringir el uso a tus aplicaciones Android (Opcional)

Añade el nombre del paquete y la huella digital del certificado de firma SHA-1 para restringir el uso de tus aplicaciones de Android. [Más información](#)

Puedes encontrar el nombre del paquete en el archivo AndroidManifest.xml. A continuación, usa el comando siguiente para obtener la huella digital:

```
$ keytool -list -v -keystore mystore.keystore
```



Nombre de paquete

Huella digital de certificado SHA-1

com.programandoando.hamp.androi

8A:D9:FD:91:1D:F2:95:79:71:15:39:98:65:E3:D9:50:91:20:A1:95



+ Añadir nombre de paquete y huella digital

Crear clave de API

3 Obtener credenciales

Cancelar

Configuración

Credenciales

Añadir credenciales al proyecto

✓ Averigua qué tipo de credenciales necesitas
Llamar a Google Maps Android API desde Android

✓ Crear una clave de API
Clave de API "Clave 1" creada

3 Obtener credenciales

Esta es tu clave de API

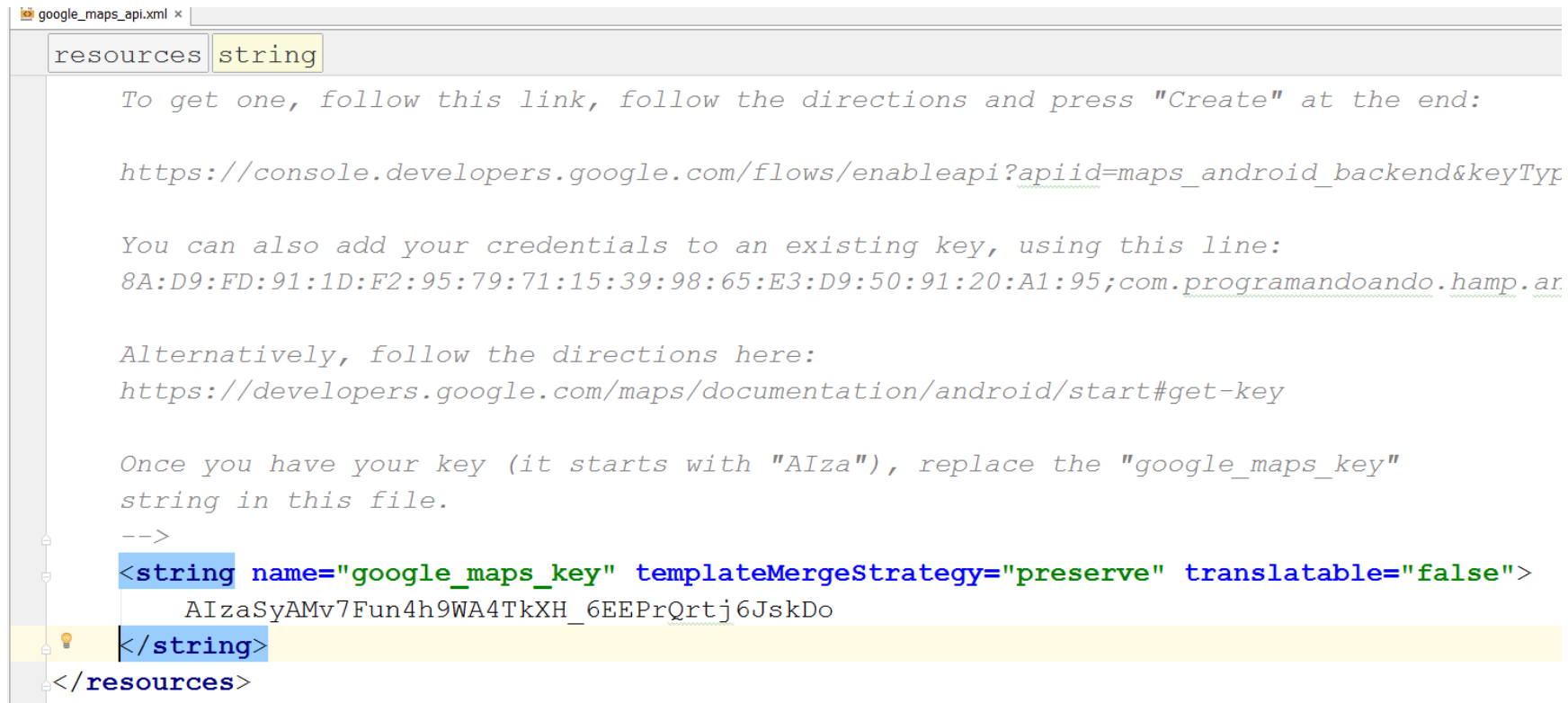
AIzaSyAMv7Fun4h9WA4TkXH_6EPrQtj6JskDc



Listo

Cancelar

Configuracion



The screenshot shows the Android Studio IDE with the `google_maps_api.xml` file open. The `resources` tab is selected, and the `string` resource type is chosen. The XML editor displays the following content:

```
-->  
<string name="google_maps_key" templateMergeStrategy="preserve" translatable="false">  
    AIzaSyAMv7Fun4h9WA4TkXH_6EEPrQrtj6JskDo  
</string>  
</resources>
```

Instructions and links are provided in the background text:

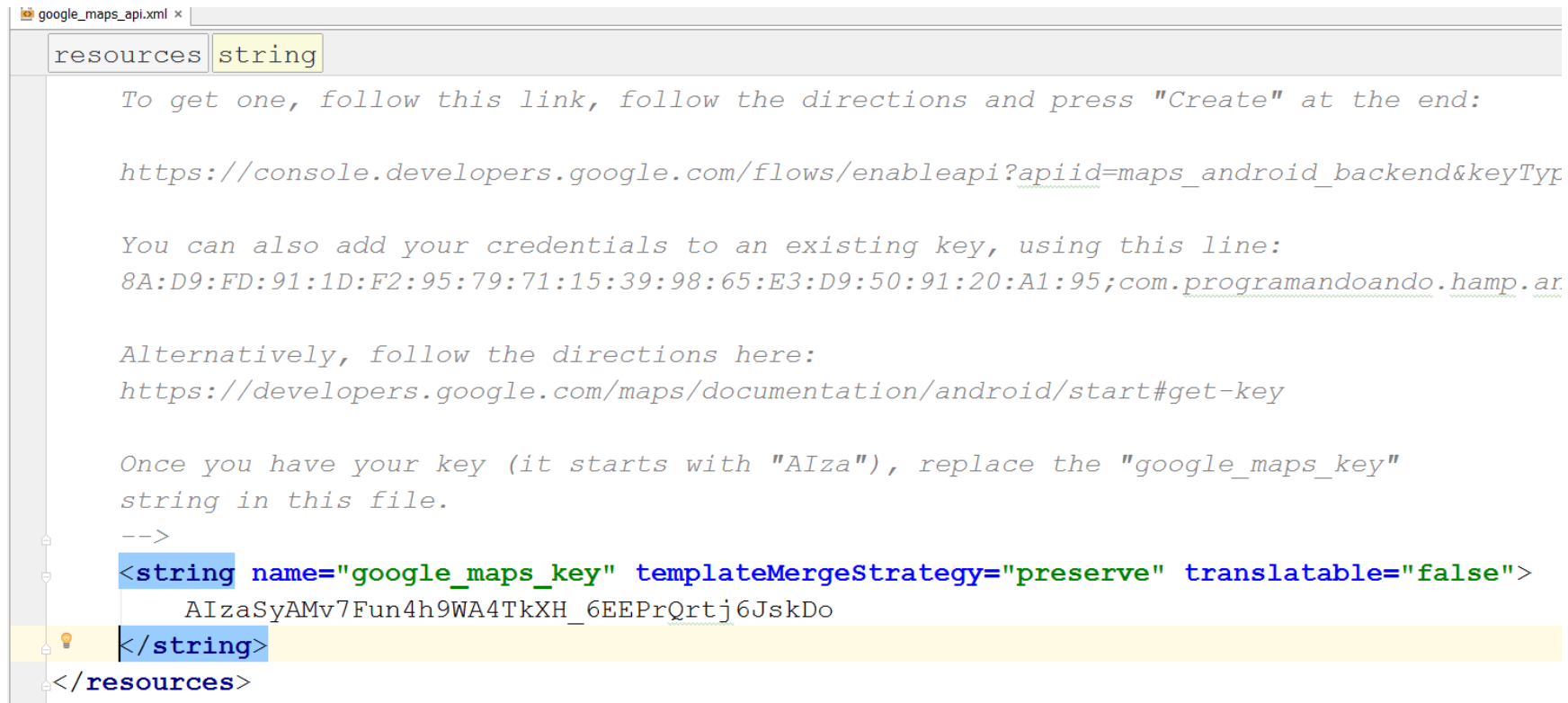
To get one, follow this link, follow the directions and press "Create" at the end:
https://console.developers.google.com/flows/enableapi?apiid=maps_android_backend&keyTyp

You can also add your credentials to an existing key, using this line:
[8A:D9:FD:91:1D:F2:95:79:71:15:39:98:65:E3:D9:50:91:20:A1:95;com.programandoando.hamp.ar](https://console.developers.google.com/flows/enableapi?apiid=maps_android_backend&keyTyp)

Alternatively, follow the directions here:
<https://developers.google.com/maps/documentation/android/start#get-key>

Once you have your key (it starts with "AIza"), replace the "google_maps_key" string in this file.

Configuración



The screenshot shows the Android Studio interface with the `google_maps_api.xml` file open. The `resources` tab is selected, and the `string` resource type is chosen. The XML content is as follows:

```
-->  
<string name="google_maps_key" templateMergeStrategy="preserve" translatable="false">  
    AIzaSyAMv7Fun4h9WA4TkXH_6EEPrQrtj6JskDo  
</string>  
</resources>
```

The text in the XML file is formatted with comments and instructions:

To get one, follow this link, follow the directions and press "Create" at the end:

https://console.developers.google.com/flows/enableapi?apiid=maps_android_backend&keyTyp

You can also add your credentials to an existing key, using this line:

[8A:D9:FD:91:1D:F2:95:79:71:15:39:98:65:E3:D9:50:91:20:A1:95;com.programandoando.hamp.ar](https://console.developers.google.com/flows/enableapi?apiid=maps_android_backend&keyTyp)

Alternatively, follow the directions here:

<https://developers.google.com/maps/documentation/android/start#get-key>

Once you have your key (it starts with "AIza"), replace the "google_maps_key" string in this file.