Google

Sign in

to continue to Google Cloud Platform

Email or phone

Forgot email?

More options   **NEXT**

Your free trial is waiting: activate now to get $300 credit to explore Google Cloud products. Learn more

☰ **Google** APIs   YT-SFDC ▾   🔍

API APIs & Services   Dashboard   ➕ **ENABLE APIS AND SERVICES**

✦ Dashboard   Enabled APIs and services
                         Some APIs and services are enabled automatically
⊞ Library
                         Activity for the last hour
☗ Credentials
                         ┌─────────────────────────┐ ┌──────────
                         │ Traffic   │ │ Errors
                         └─────────────────────────┘ └──────────

Select a project   🗂 NEW PROJECT

Search projects and folders
🔍

RECENT   ALL

	Name	ID
✔ ⠿	YT-SFDC ❓	yt-sfdc
⠿	GDrive-client ❓	gdrive-client-205406
⠿	Salesforce-Gmail ❓	salesforce-gmail-196905
⠿	YT-client ❓	yt-client-195109

← Create OAuth client ID

⚠ To create an OAuth client ID, you must first set a product name on the consent screen   **Configure consent screen**

Credentials

Credentials   **OAuth consent screen**   Domain verification

Before your users authenticate, this consent screen will allow them to choose whether they want to grant access to their private data, as well as give them a link to your terms of service and privacy policy. This page configures the consent screen for all applications in this project.

Verification status
Not published

Application name ❓
The name of the app asking for consent

Test-Product1

Application logo ❓
An image on the consent screen that will help users recognize your app

Local file for upload   Browse

🚫

Support email ❓
Shown on the consent screen for user support

kunwar.research@gmail.com ▼

Scopes for Google APIs

Scopes allow your application to access your user's private data. Learn more

If you add a sensitive scope, such as scopes that give you full access to Gmail or Drive, Google will verify your consent screen before it's published.

email

profile

openid

Add scope

Add scope

Authorized domains ⓘ

To protect you and your users, Google only allows applications that authenticate using OAuth to use Authorized Domains. Your applications' links must be hosted on Authorized Domains. Learn more

wordpress.com 🗑

example.com

Application Homepage link
Shown on the consent screen. Must be hosted on an Authorized Domain.

https:// or http://

Application Privacy Policy link
Shown on the consent screen. Must be hosted on an Authorized Domain.

https:// or http://

Application Terms of Service link (Optional)
Shown on the consent screen. Must be hosted on an Authorized Domain.

https:// or http://

Submit for verification   Save   Cancel

Application type

- ● Web application
- ○ Android Learn more
- ○ Chrome App Learn more
- ○ iOS Learn more
- ○ PlayStation 4
- ○ Other

Name ⊘

Web client 1

Restrictions

Enter JavaScript origins, redirect URIs, or both Learn More

Origins and redirect domains must be added to the list of Authorized Domains in the OAuth

Authorized JavaScript origins

For use with requests from a browser. This is the origin URI of the client application. It c (https://*.example.com) or a path (https://example.com/subdir). If you're using a nonst in the origin URI.

https://www.example.com

Authorized redirect URIs

For use with requests from a web server. This is the path in your application that users authenticated with Google. The path will be appended with the authorization code for a Cannot contain URL fragments or relative paths. Cannot be a public IP address.

https://sfdcintegration.wordpress.com/

https://www.example.com

Create   Cancel

OAuth client

The client ID and secret can always be accessed from Credentials in APIs & Services

> ℹ OAuth is limited to 100 sensitive scope logins until the OAuth consent screen is published. This may require a verification process that can take several days.

Here is your client ID

2839█████████████████████████████████████ 📋

Here is your client secret

x2██████████████ 📋

OK

☰ **Google** APIs · Gmail-SFDC ▼   🔍

API APIs & Services

◈ Dashboard	
⚏ Library ←	
⛭ Credentials	

Credentials

Credentials   OAuth consent screen   Domain verification

Create credentials ▼   Delete

Create credentials to access your enabled APIs. Refer to the API documentation for details.

OAuth 2.0 client IDs

	Name	Creation date ⌄	Type	Client ID
☐	Web client 1	Sep 22, 2018	Web application	41999285827-2d92ignh

This app isn't verified

This app hasn't been verified by Google yet. Only proceed if you know and trust the developer.

If you're the developer, submit a verification request to remove this screen. Learn more
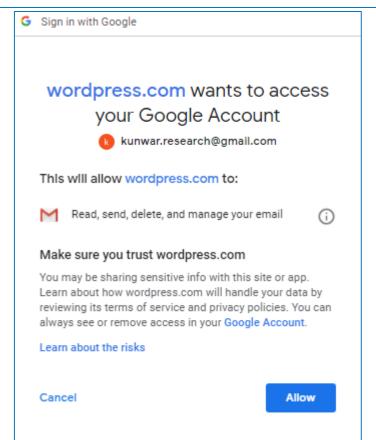
Hide Advanced   BACK TO SAFETY

Google hasn't reviewed this app yet and can't confirm it's authentic. Unverified apps may pose a threat to your personal data. Learn more

Go to wordpress.com (unsafe)

G Sign in with Google

wordpress.com wants to access your Google Account

k kunwar.research@gmail.com

This will allow wordpress.com to:

M   Read, send, delete, and manage your email   ⓘ

Make sure you trust wordpress.com

You may be sharing sensitive info with this site or app. Learn about how wordpress.com will handle your data by reviewing its terms of service and privacy policies. You can always see or remove access in your Google Account.

Learn about the risks

Cancel   Allow

New Custom Object

Custom Object Definition Edit   [Save] [Save & New] [Cancel]

Custom Object Information

The singular and plural labels are used in tabs, page layouts, and reports.

Label   Gmail_info   **Example: Account**

Plural Label   Gmail_info   **Example: Accounts**

Starts with vowel sound   ☐

The Object Name is used when referencing the object via the API.

Object Name   Gmail_info   **Example: Account**

Description   [   ]

Context-Sensitive Help Setting   ⦿ Open the standard Salesforce.com Help & Training window
                                 ◯ Open a window using a Visualforce page

Content Name   --None-- ▾

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For exam
is always called "Name" when referenced via the API.

Record Name   Gmail_info Name   **Example: Account Name**

Data Type   Auto Number ▾

Display Format   GM-{0000}   **Example: A-{0000}** What I

Starting Number   1

New Custom Object Tab

Step 1. Enter the Details

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or create a new custom object now.

| Object | Gmail_info ▼ |
| Tab Style | 🧭 Compass 🔍 |

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link   --None-- ▼

Enter a short description.

Description

Home   FB_info   LinkedIn_info   YouTube_info   Gmail_info   ✚

Quick Find / Search... ⓘ 🔍

Select Metadata:

Apex Classes (4) ▼ 🔄

Advanced Search

Expand All | Collapse All

🍀 → ⚡

Lightning Experience
Migration Assistant

Switch to the modern, Intelligent
Salesforce.

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application func

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs al
to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to
Pages to Lightning Experience and the mobile app.

Custom Object Tabs   New   What Is This?

Action	Label	Tab Style
Edit | Del	FB_info	📋 Cell phone
Edit | Del	Gmail_info	🧭 Compass
Edit | Del	LinkedIn_info	✏️ Hammer
Edit | Del	YouTube_info	🎨 Form

Custom Setting Definition Edit
New Custom Setting Definition

> **(i)** **Tip: Use Custom Metadata Types for App Configuration**
>
> If you're thinking of using list custom settings, consider using custom metadata types instead. Unlike list custom settin
> tools. You can enable List Custom Settings on the Schema Settings page in Setup.

Custom Setting Definition   [Save] [Cancel]

Label	Gmail_Custom_Setting
Object Name	Gmail_Custom_Setting (i)
Setting Type	List ▼ (i)
Visibility	Public ▼ (i)
Description	

Custom Setting Definition
Gmail_Custom_Setting

Create the fields for your custom setting. The data in these fields are cached with the application.

Custom Setting Definition Detail   [Edit] [Delete] [Manage]

Label	Gmail_Custom_Setting
API Name	Gmail_Custom_Setting__c
Visibility	Public
Namespace Prefix	
Last Modified Date	9/22/2018 8:36 AM

Custom Fields   [New]

No custom fields defined

Gmail_Custom_Setting
New Custom Field

Step 2. Enter the details

Field Label	Value
Field Name	Value
Description	
Help Text	

Custom Setting Definition
Gmail_Custom_Setting

Create the fields for your custom setting. The data in these fields are cached with the application.

Custom Setting Definition Detail   [Edit] [Delete] [Manage]

Label	Gmail_Custom_Setting	**Object Name**	
API Name	Gmail_Custom_Setting__c	**Setting Type**	
Visibility	Public	**Description**	
Namespace Prefix		**Created Date**	
Last Modified Date	9/22/2018 8:36 AM	**Record Size**	

Custom Fields   [New]

Action	Field Label	API Name	Data Type	Indexed	Modified By
Edit | Del	Value	Value__c	Text Area(255)		kunwar singh,

Gmail_Custom_Setting Edit

Provide values for the fields you created. This data is cached with the application.

Edit Gmail_Custom_Setting	Save	Save & New	Cancel

Gmail_Custom_Setting Information

Name | Gmail Endpoint | [i]

Value | https://www.googleapis.com/gmail/v1/users/me/messages

---

Test Mail   _   ⤢   ✕

kunwar singh (kunwar.research@gmail.com)

Test Mail

Hi all,

This is a simple email consisting of only text as body. It could have been more complex (for e.g., consisting of images as well), but that would mean complex logic required in the apex class for parsing. So, to keep things simple for understanding the email body is composed of only text.

Thanks
Kunwar

Apex Class
GmailDetails

« Back to List: Apex Classes

Apex Class Detail

Edit | Delete | Download | Security | Show Depend

Name	GmailDetails
Namespace Prefix	
Created By	kunwar singh , 9/22/2018 8:42 AM

Class Body | Class Summary | Version Settings | Trace Flags

```
1   global class GmailDetails{
2   public static void messages(){
```

File ▾   Edit ▾   Debug ▾   Test ▾   Workspace ▾   Help ▾   <   >

Log executeAnonymous @9/22/2018, 3:04:53 PM ☒ | Log executeAnonymous @9/22/2018, 9:13:29 PM

Execution Log

Timestamp	Event	Details
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	
21:16:55:000	USER_DEBUG	

Enter Apex Code

```
1   GmailDetails.messages();
```

☐ Open Log   Execute   E

☐ This Frame   ☐ Executable   ☑ Debug Only   ☐ Filter   Click here to filter the log

Logs | Tests | Checkpoints | Query Editor | View State | Progress | Problems

User	Application	Operation	Time ▾	Status
kunwar singh	Unknown	/services/data/v43.0/tooli...	9/22/2018, 9:21:58 PM	Success

Execution Log

Timestamp	Event	Details
21:06:30:706	USER_DEBUG	[21]|DEBUG|resp----------- {
21:06:30:000	USER_DEBUG	"messages": [
21:06:30:000	USER_DEBUG	{
21:06:30:000	USER_DEBUG	"id": "1663a8c43838d96c",
21:06:30:000	USER_DEBUG	"threadId": "1663a8c43838d96c"
21:06:30:000	USER_DEBUG	},
21:06:30:000	USER_DEBUG	{
21:06:30:000	USER_DEBUG	"id": "1663a57778bd2504",
21:06:30:000	USER_DEBUG	"threadId": "1663a57778bd2504"
21:06:30:000	USER_DEBUG	},
21:06:30:000	USER_DEBUG	{

Apex Class
JSON2Apex_Gmail

« Back to List: Apex Classes

Apex Class Detail

[Edit] [Delete] [Download] [Security] [Show Depe]

Name	JSON2Apex_Gmail
Namespace Prefix	
Created By	kunwar singh , 9/22/2018 9:00 AM

Class Body | Class Summary | Version Settings | Trace Flags

```
1   public class JSON2Apex_Gmail {
2       public List<Messages> Messages;
```

Gmail_info Custom Button or Link
New Button or Link

Custom Button or Link Edit	Save	Quick Save	Preview	Cancel

Label   Import_Gmail _details

Name   Import_Gmail_details   [i]

Description

Display Type
- ○ **Detail Page Link** View example
- ◉ **Detail Page Button** View example
- ○ **List Button** View example

Behavior   Execute JavaScript ▼

Content Source   OnClick JavaScript ▼

Select Field Type   **Insert Field**

Gmail_info ▼   -- Insert Merge Field -- ▼   Insert Operator ▼

```
{!REQUIRESCRIPT( "/soap/ajax/35.0/connection.js" )}
{!REQUIRESCRIPT( "/soap/ajax/35.0/apex.js" )}

var v = {
```

Page Layouts

	New	Page Layout Assignment

Action	Page Layout Name	Created By	Modified By
Edit | Del	Gmail_info Layout	kunwar singh, 9/22/2018 8:33 AM	kunwar singh, 9/2

Gmail_info

GM-0001

Gmail_info Detail   [Edit] [Delete] [Clone] [Import_Gmail_details]

Gmail_info Name	GM-0001
To	kunwar singh <kunwar.research@gmail.com>
From	kunwar singh <kunwar.research@gmail.com>
Subject	Test Mail
Date	Wed, 3 Oct 2018 21:10:49 +0530
Body	Hi all, This is a simple email consisting of only text as body. It could have been more complex (for e.g., consisting of images as well), but that would mean complex logic required in the apex class for parsing. So, to keep things simple for understanding the email body is composed of only text. Thanks
Created By	kunwar singh, 9/22/2018 9:40 AM