

Step by Step guidance of Salesforce Youtube Integration

AWSQUALITY TECHNOLOGIES



Why it is needed to integrate Salesforce and Youtube?

Track of useful statistics like (number of likes and dislikes, number of views, number of comments) regarding your relevant YouTube videos is very much needed due to the evolving of Social Media Platform at one place, therefore nowadays organizations are adopting integration of two different tools to optimize their business flow.

Also check: [How to Integrate Salesforce and Mailchimp Successfully?](#)



Here is a list of useful steps to integrate Salesforce and Youtube using Salesforce REST API...

Creation of Objects and fields in Salesforce.

Create an object named 'YouTube Video Details' and subsequently create the tab for this custom object.

Inside this object, create fields named 'Number of View Counts, Number of Likes, Number of Dislikes, Number of Comments, Video Id' of text type.

Details

Edit

Delete

Description

API Name

Youtube_Video_Detail__c

Custom

✓

Singular Label

Youtube Video Detail

Plural Label

Youtube Video Details

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

In Development

Help Settings

Standard salesforce.com Help Window



Formation of App.

Create an app named 'YouTube Video Details'.

Add custom tab and object that you have created (in step 1) inside this app.

Fields & Relationships

9 Items, Sorted by Field Label

[New](#)[Field Dependencies](#)[Set History Tracking](#)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Youtube Video Detail Name	Name	Text(80)		✓
Video Id	Video_Id__c	Text Area(255)		
Owner	OwnerId	Lookup(User,Group)		✓
Number of View Counts	Number_of_View_Counts__c	Long Text Area(131072)		
Number of Likes	Number_of_Likes__c	Long Text Area(131072)		
Number of Dislikes	Number_of_Dislikes__c	Long Text Area(131072)		
Number of Comments	Number_of_Comments__c	Long Text Area(131072)		
Last Modified By	LastModifiedById	Lookup(User)		
Created By	CreatedById	Lookup(User)		





The setting of Page Layout.


Put all the fields that you have created inside the object 'YouTube Video Details' on the page layout section.

Now Click on save.


Getting of API Key.









Google APIs  

APIs & Services **Credentials** [+ CREATE CREDENTIALS](#)  DELETE

Create credentials to access your enabled APIs. [Learn more](#)

 Remember to configure the OAuth consent screen with information about your application. [CONFIGURE CONSENT SCREEN](#)

API keys

<input type="checkbox"/>	Name	Creation date ↓	Restrictions	Key	Usage with all services (last 30 days) ?	
<input type="checkbox"/>	 API key 1	13 Jan 2020	None	 	 13	 



Click on the URL <https://console.developers.google.com> in order to generate API Key and EndPoint.

Now Click on create the project and save it.

After that Click on Credentials present on the left-hand side menu.

Click on the Create credentials button. Select API KeY, it will be generated.

One pop-up message comes, select close.

You can also rename the API Key name, not value.



Click on Dashboard present on the left panel and Enable API and Services.

The library of different API will come into the screen.

Click on YouTube Data API v3.

Now click on the Try This API button, after enabling this API.

Click on Videos present on the left panel you find the list in that videos section.

Put statistics in part section and in id part place id of any youtube video.

Click on the Execute button, now the statistics can be seen.

Try this API

pageToken

regionCode

videoCategoryId

[Show standard parameters](#) ▾

Credentials ?

Google OAuth 2.0

OAuth 2.0 provides authenticated access to an API. [Show scopes](#) ▾

API key

An API key is a unique string that lets you access an API.

EXECUTE

[Terms](#) | [Privacy Policy](#)



cURL

HTTP

JAVASCRIPT

JAVA



```
curl \  
  'https://www.googleapis.com/youtube/v3/videos?part=statistics%20&id=tb-x1dDi1kw&key=[YOUR_API_KEY]' \  
  --header 'Authorization: Bearer [YOUR_ACCESS_TOKEN]' \  
  --header 'Accept: application/json' \  
  --compressed
```

application/json

Raw HTTP Response



200

```
{  
  "items": [  
    {  
      "kind": "youtube#video",  
      "etag": "\"00Ff3Zw2jDbxxHsjJ318u1U8dz4/0ezIWdoOTkT1KPbiIKCByWfoe6c\"",  
      "id": "tb-x1dDi1kw",  
      "statistics": {  
        "viewCount": "54",  
        "likeCount": "3",  
        "dislikeCount": "0",  
        "favoriteCount": "0",
```



Creation of Custom Settings

Create a custom setting named 'YouTube API Setting'.

Inside this custom, the setting creates one field named 'Value'.



SETUP

Custom Settings

Custom Setting Definition

YouTube API Setting

[Help for this Page](#)

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	YouTube API Setting	Object Name	You_Tube_API_Setting
API Name	You_Tube_API_Setting__c	Setting Type	List
Visibility	Public	Description	
Namespace Prefix		Created Date	1/17/2020, 4:52 AM
Last Modified Date	1/17/2020, 4:52 AM	Record Size	355

Custom Fields

[New](#)

Action	Field Label	API Name	Data Type	Indexed	Modified By
Edit Del	Value	Value__c	Text(255)		AwsQuality Technologies , 1/17/2020, 4:52 AM



Click on the Manage button of that custom settings.

Click on New button.

Here create two fields named 'YouTube API Key' and 'YouTube Endpoints'.

For YouTube API Key, put the API Key that you have created above in the value field and click on save.

For the YouTube Endpoints field, in value field put the value 'https://www.googleapis.com/youtube/v3/videos?part=statistics%20&id={VIDEO_ID}&key={API_KEY}' and click on save.



SETUP

Custom Settings

Custom Setting

YouTube API Setting

[Help for this Page](#)

If the custom setting is a list, click **New** to add a new set of data. For example, if your application had a setting for country codes, each set might include the country's name and dialing code.

If the custom setting is a hierarchy, you can add data for the user, profile, or organization level. For example, you may want different values to display depending on whether a specific user is running the app, a specific profile, or just a general user.

View: [Create New View](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#) | [Other](#) | **All**

Action	Name ↑
Edit Del	YouTube API Key
Edit Del	YouTube Endpoints



Search for remote site settings in the quick find box and click on new.

In remote site name field put the value as 'You_Tube_API_Setting'.

In the remote site, URL field puts the value as 'https://www.googleapis.com'.

Click on the Save button.



SETUP

Remote Site Settings

Remote Site Details

[Help for this Page](#)

[« Back to List: Remote Site Settings](#)

Remote Site Detail

[Edit](#) [Delete](#) [Clone](#)

Remote Site Name You_Tube_API_Setting

Modified By AwsQuality Technologies, 1/19/2020, 11:27 PM

Remote Site URL https://www.googleapis.com

Disable Protocol Security

Description

Active

Created By AwsQuality Technologies, 1/19/2020, 11:27 PM

[Edit](#) [Delete](#) [Clone](#)



Creation of Custom Button and Apex Class

Click on the custom object that you have created just now.

Create a custom button named 'Get Details'.

Use the javascript code for that button.

Create the Apex class with the name 'YouTubeVideoDetails'.

Use the following Apex class...



Conclusion

Integration of Salesforce and Youtube helps sales reps to maintain all relevant statistics of YouTube videos like the number of likes and dislikes, number of views, and number of comments in one integrated system that is Salesforce CRM which further helps them to track all the relevant information.

Any query about this topic, We have a full staff of Salesforce Integration Consultants that can help you. Just drop us a message and let's get free quotes.

If you are looking for the best [Salesforce Development Services](#), then you should visit our website.

Source URL: <https://www.awsquality.com/salesforce-youtube-integration/>



Thank You!

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