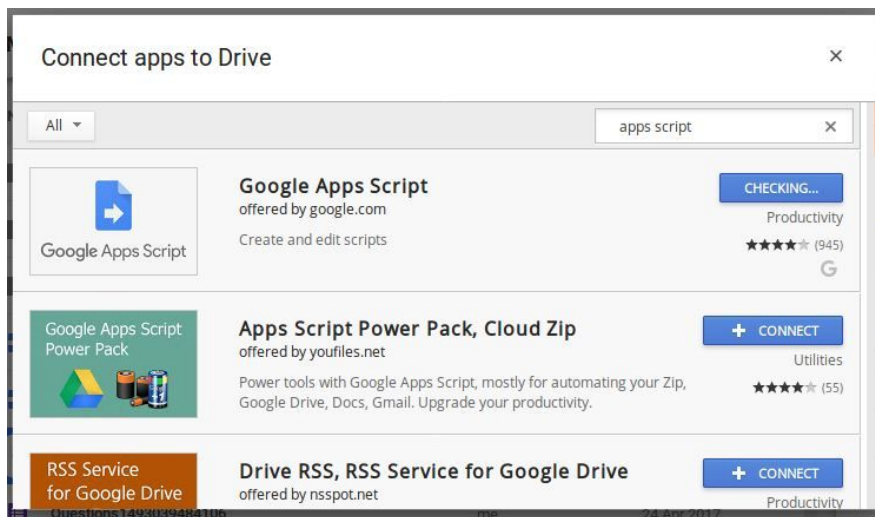


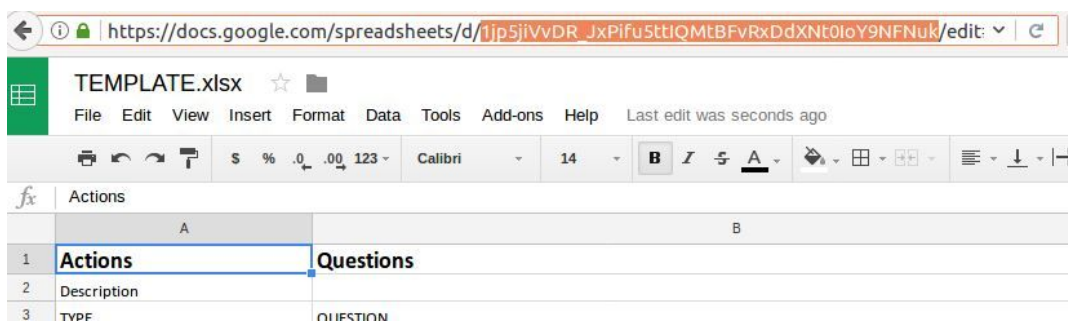
## Users and Developers Manual for Enabling the system with new CLIENT ID:

To enable the google forms and Script API follow the steps given below,

1. Copy the files from `~/nbextensions/ma/client/qresources/` as `Template.xlsx` and `CreateForm.json` into your Google Drive.
2. Now open the documents in the drive by using Google Sheets and Apps Script application, this will generate their respective converted files.
3. In case you don't have App Script enabled in your drive, please enable it to execute the API.



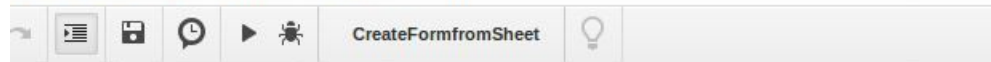
4. Now as you have your documents running, copy and paste the Sheets ID and Script ID in
6. File `~/nbextensions/ma/client/common/js/googledrive/gdapi.js`
7. SheetID:



ogle.com/d/1OhrBZr9KTiSozjc5vcA6XQWies07KwbDHNBPfFa6v9fQ-m-8Sd2\_dGiw/edit?us

ateForm.json

Edit View Run Publish Resources Help



```
Code.gs x
1 var arg1;
2 var arg2;
3 function CreateFormfromSheet(arg1, arg2) {
```

8. ScriptID:

9. Once it is done now update the Google API to run the the ColData environment on your system. Add resources to the Script to have seamless communication between the system and API. Select “Advanced Google Services”.

CreateForm.json

File Edit View Run Publish Resources Help



```
Code.gs x
1 var arg1;
2 var arg2;
3 function CreateFormfromSheet(arg1, arg2) {
4   var now= new Date();
5
6   var sheet= SpreadsheetApp.openById(arg2);
```

10. Now Click on the highlighted field “Google API Console”. It will redirect you to the library page of Google console and you can add the required libraries there.

Advanced Google Services

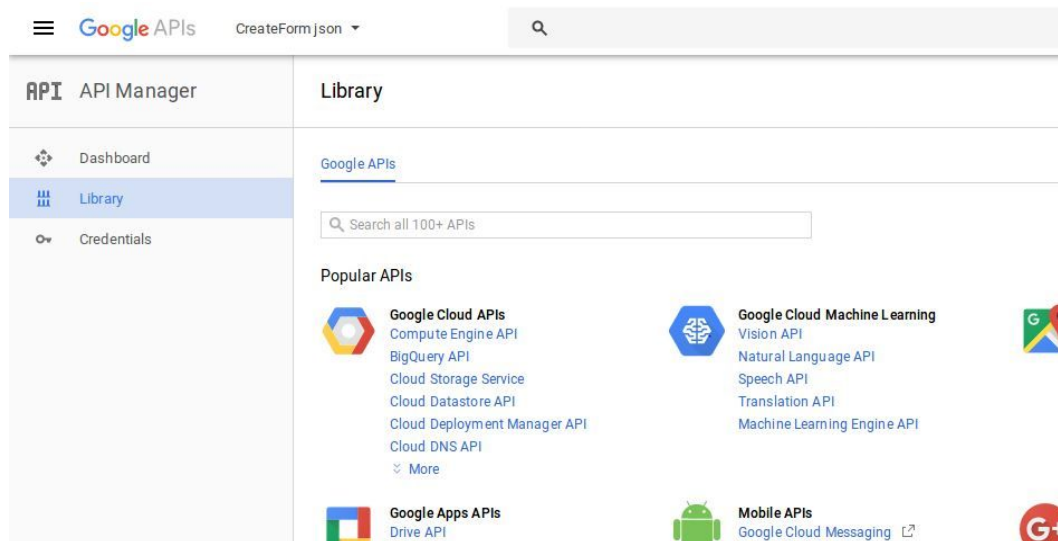
Admin Directory API	directory_v1 ▾	AdminDirectory	<input type="checkbox"/>
Admin Reports API	reports_v1 ▾	AdminReports	<input type="checkbox"/>
AdSense Management API	v1.4 ▾	AdSense	<input type="checkbox"/>
Google Analytics API	v3 ▾	Analytics	<input type="checkbox"/>
Google Analytics Reporting API	v4 ▾	AnalyticsReporting	<input type="checkbox"/>
G Suite Activity API	v1 ▾	AppsActivity	<input type="checkbox"/>

These services must also be enabled in the [Google API console](#).

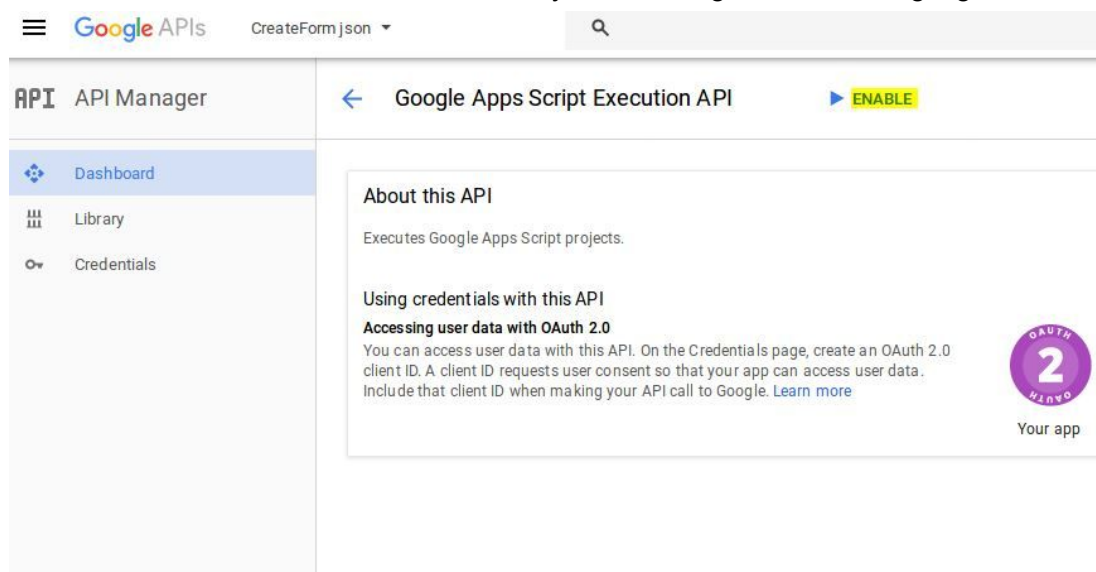
OK

Cancel

11. To run the whole application we need Drive API, Gmail API, and Google Apps Script Execution API.



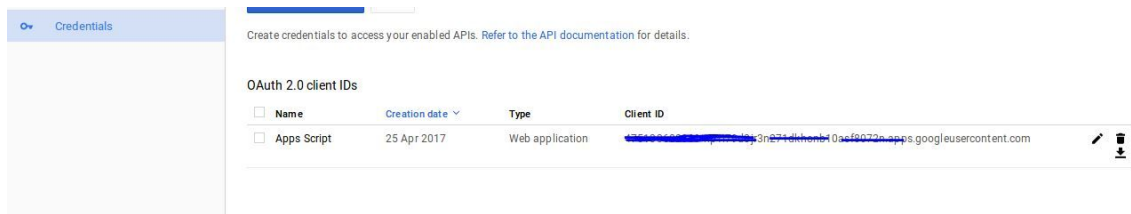
12. Please enable the API, by clicking on highlighted field.



13. After you have added all the three required APIs you can verify those listed on the overview page (you can revisit the page to see the calls and responses, incase of any issue with API integration).

API	Requests	Errors	Error ratio	Latency, median	Latency, 98%	
Gmail API	—	—	—	—	—	Disable
Google Apps Script Execution API	—	—	—	—	—	Disable
Google Drive API	—	—	—	—	—	Disable ⚙

14. On left pane of the page, click on “Credential” button to get the CLIENT ID for the entire API collection. For seamless communication and correct frame exchange between the system and Google, edit the Oauth id by clicking the edit button on right.



15. Add the Authorized JavaScript origin as “<http://localhost:8888>”, and save it. Now update CLIENT ID in files: “~/nbextensions/ma/client/common/js/gmail/gmailapi.js” “~/nbextensions/ma/client/common/js/google drive/gdapi.js” and into the folder on the local machine named “Git”: “/home/developer/git/jupyter-drive/jupyterdrive/gdrive/gapiutils.js”

**Name**

Apps Script

**Restrictions**  
Enter JavaScript origins, redirect URIs, or both

**Authorized JavaScript origins**  
For use with requests from a browser. This is the origin URI of the client application. It can't contain a wildcard (http://\*.example.com) or a path (http://example.com/subdir). If you're using a nonstandard port, you must include it in the origin URI.

<http://localhost:8888> X

<http://www.example.com>

**Authorized redirect URIs**  
For use with requests from a web server. This is the path in your application that users are redirected to after they have

16. Now go to the Apps Script and deploy it as API(whenever you make any changes in the script deploy it as new version, it helps to revert back in future).

Deploy as API executable

Current API ID:  
Mz7\_MGI3SQGAkbusDHmzuB3Ro9elihcZH

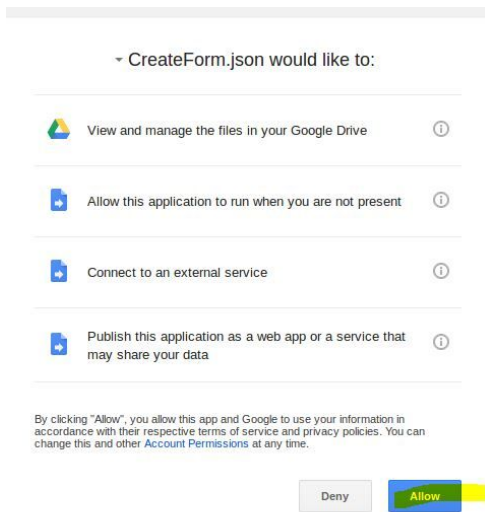
Please read this carefully. It's not the usual spiel.

**Version**  
1 (v1)

**Who has access to the script**  
Anyone

Update Disable Close

17. Now run the file to check if all services are added on automatic prompt select “allow”. Do the same while running the ColData system for the first time. It will ensure that you have exception free system.



18. Keep the files intact in the Google Drive to use the functionality from the system using user friendly environment and a simple click.
19. If you have deleted the files from drive it is always possible to start fresh.