How To set up a Google Calendar datasource
Document revision 1.4

Description

This guide explains how to add a Google Calendar account in Manage for TEOS as an External and Internal Datasource when TEOS URL is register in a public domain.

Requirements

- From 2021 a SSL certificate and providing TEOS server in https is mandatory to be able to connect with Google environment
- Manage for TEOS 1.4.4 minimum
- New URL is needed from version 3.0 of TEOS in the developer console. Association can be required to have Google calendar working with version 3.0
- Access to Manage for TEOS Server
- An internet Access
- Work in all type of devices, BRAVIA, Tablets for TEOS and Player for TEOS
- Can be used in Signage, Room Booking, Meeting Display, Room Status, Wayfinding etc.
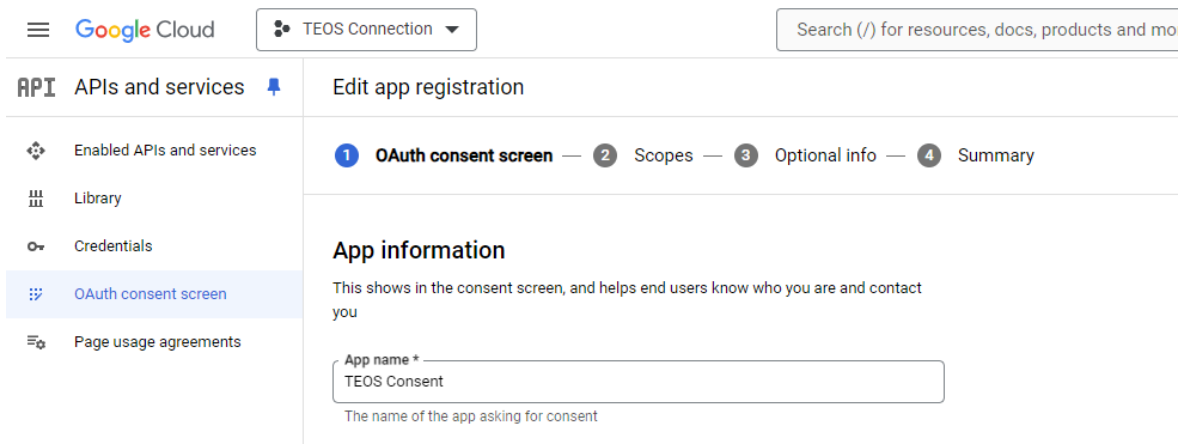
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1. Configuration on Google developer Console

1. The first step is to create a Client ID and Secret. To do this go to:
   https://console.developers.google.com/flows/enableapi?apiid=calendar
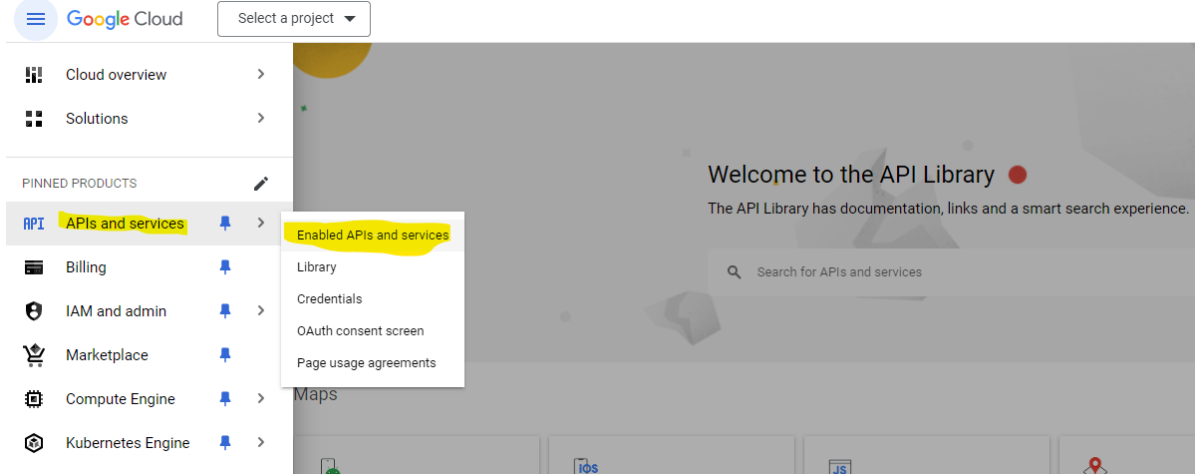
2. You need to consent TEOS domain name to access to Google services, press "OAuth consent screen"

1) Insert an app name
2) A support email (IT support)
3) Under authorized domains add
   a. teoscloud.com in case you are using CLOUD platform
   b. teosmanage.com in case you are using on premise platform
4) Developer contact information : support@teos.support

Press save and continue until you get the summary

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3. Go now to "Credentials" and create a new OAuth2.0 Client ID.
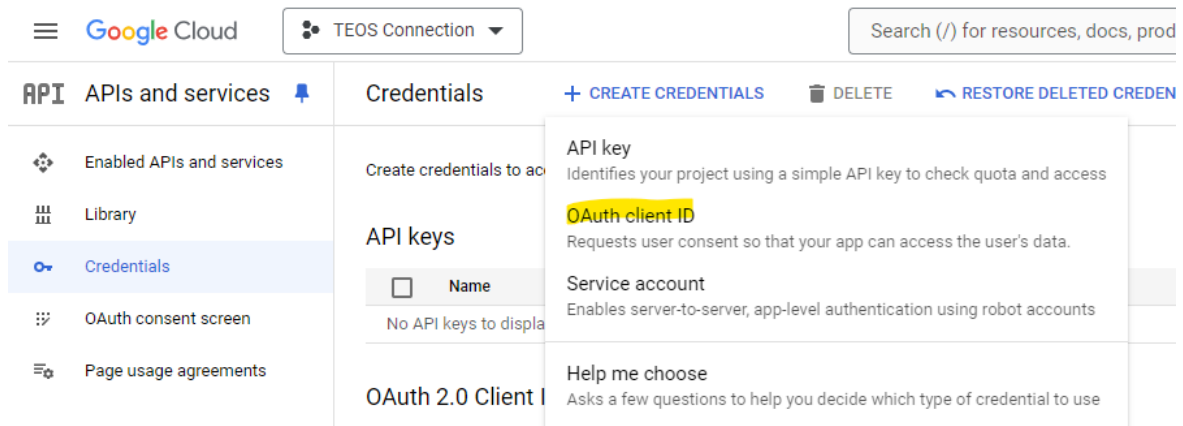
2. Insert Manage for TEOS details when creating OAuth 2.0 Client ID

Insert your domain name as domain by default for Google to verify from what app data will be requested. After putting the domain name press enter and save.

Put your domain name here and press enter

4. In the "Create an OAuth 2.0 client ID" fill out a desired Name. In "Authorized Redirect URLs" enter the following URL: **https://yourdomainname/designer/authenticate (New URL from version 3.0**) Add as well a name for the OAuth account
Your domain should be externally understood (finishing in .com for example)

Put your URL and press enter

If you are using our Employee App/TEOS Mobile solution too, you will need to add another authentication URL: https://teospipeline.teosdemo.com/EmployeeApp/account/authenticategc

5. Click on "Create OAuth Client ID"

6. In the new windows click on your Created client to open the information. The next window will show your Client ID and secret, save this information.
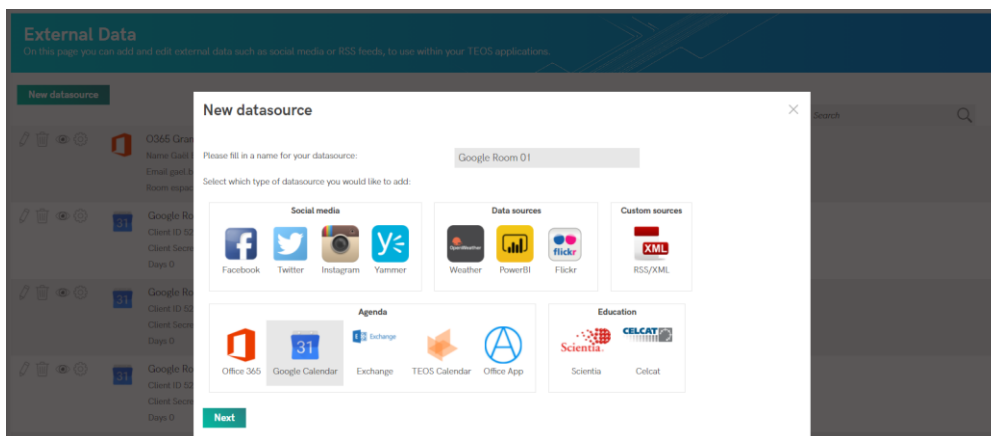

7. To add a Google calendar Data source while using an internal domain name you need to go to the retrieve the correct URL on the Manage for TEOS server. This step has changed since more security has been added. A hash has been added to the end of the normal URL based on the account that is logged in.

3. Add Google as a datasource in Manage for TEOS

1. Connect directly to TEOS Windows Server and connect via Chrome (recommended) to your Manage for TEOS.
2. To add Google as a datasource you need to navigate to the "Media and Data" menu.
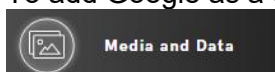
3. Next navigate to the tab labeled "EXTERNAL DATA"
4. Create a **new Data Source**, select **Google Calendar**

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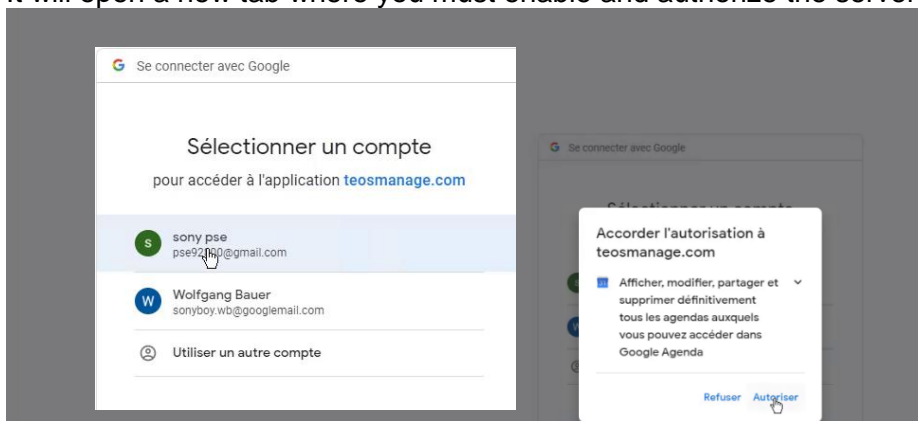Copy paste the **Client ID** and the **Secret** generated earlier and **Save**

It will open a new tab where you must enable and authorize the server to access Google service.

Going back to the previous tab, you will see the Google Account informations.


Select the agenda you want to synchronize. Press save, the new external data will be displayed in

the list. You can check what information has been retrieved by TEOS by pressing the "eye" button in the Datasource line. You can find below what TEOS can retrieve from Google source. In addition to that some actions can be done. You can find the details on Manage for TEOS 2.0 room booking document.

# 4. Add Google as a datasource in Server internal

Connect directly to **TEOS Windows Server** and connect via Chrome (recommended) to your Manage for TEOS. From 2021, Google request https connection for the authentication which means that server should get a certificate to make that possible and on top if it is not done to create in the IIS server a teosmanage.com binding in the backbone site. Please contact us on this process for testing purpose as this is not a supported option anymore.

To add Google as a datasource you need to navigate to the "Media and Data" menu.
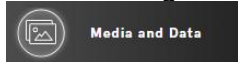
Next navigate to the tab labeled "EXTERNAL DATA"
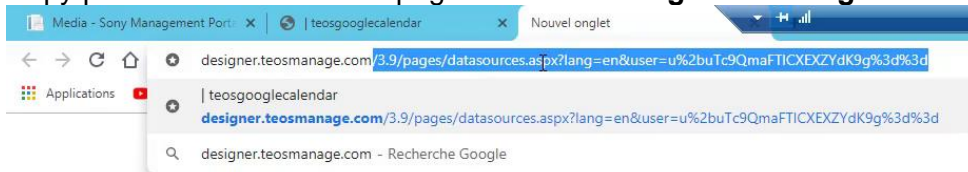
Press F12 to open chrome's
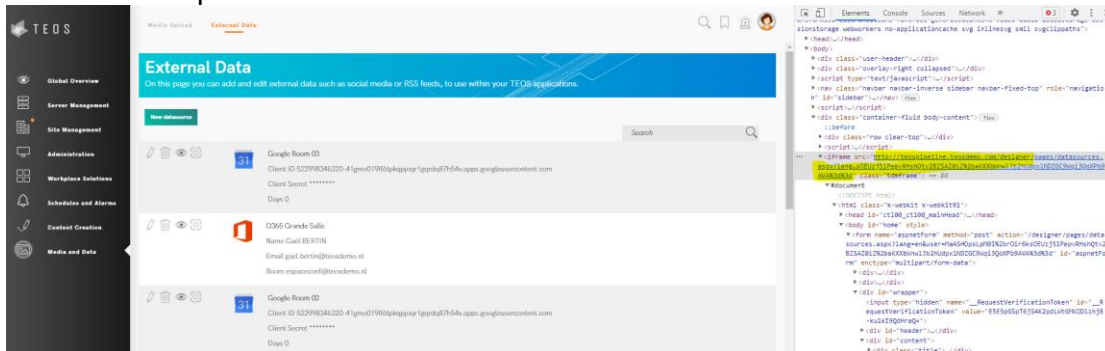
5. Go to the **Elements** tab and select the mouse icon and select "New datasource" button and find the corresponding URL in the console
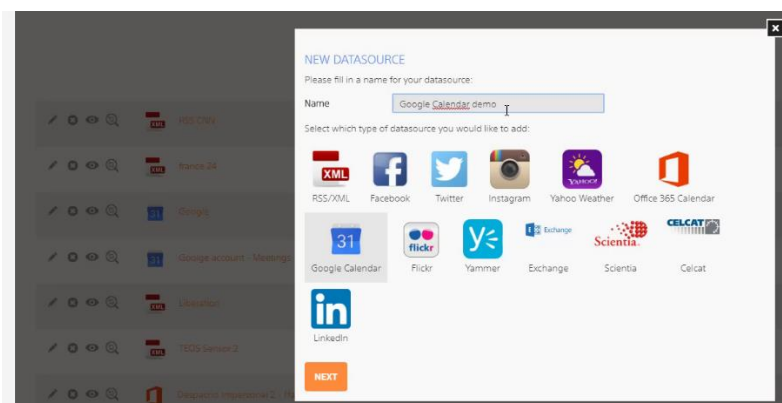

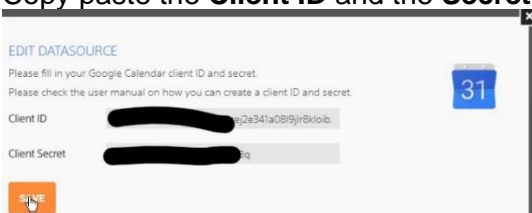**Link should look like designer/pages/datasources.aspx?lang=en [...]**

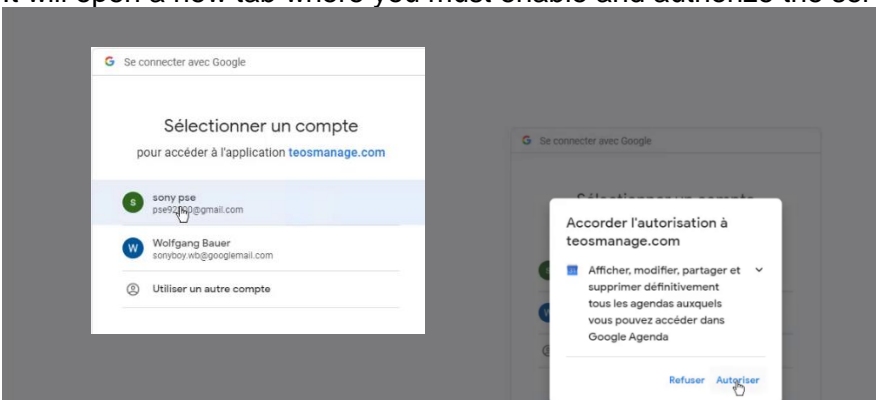Copy paste this in a new web page with **teosmanage.com/designer** in front

Create a **new Data Source**, select **Google Calendar**
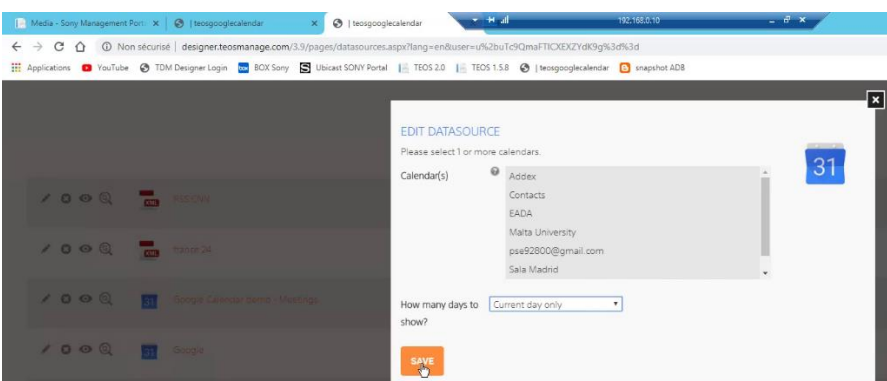
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Copy paste the **Client ID** and the **Secret** generated earlier and **Save**

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For any question please contact us on support@teos.support

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