Google Drive Configuration Guide

Enable Google Docs Integration in Sakai

Add the following properties to sakai/local.properties in your tomcat(s):
google-content.enabled=true
google-content.useOAuth2=true

Register your Sakai instance with Google

1. You will need to have a user account with Google. If you do not have a Google account use the following link to create one:
   https://accounts.google.com/SignUp

2. Visit the Google Cloud Console:
   https://cloud.google.com/console/project

3. Click the "Create Project" button. Fill in both the project name and ID text fields and click create.
   - The Project ID field must be unique. (EX: sakaigdocs-dev1)
   - There are no restrictions on the Project Name field. (Ex Google Docs)

4. Once the project is created you will be taken to the project overview page. Click the "APIs & auth" link.
   - Click the off button next to Drive API and Drive SDK. Once enabled they will shift to the top of the list. The Drive API and SDK are the only two required APIs, all others can be disabled by clicking the green "On" buttons in each row.

5. Click the Credentials link under the APIs & auth section of the project menu.
   a. In the OAuth section, click the "Create New Client ID" button.
   b. Leave the application type radio button on Web Application.
   c. Enter the URL to your CLE instance in the Authorized JavaScript origins box. (Ex. https://<your_domain>.edu)
   d. The Authorized redirect URI entry needs to contain the oauth endpoint of the google-content-tool webapp for your instance.
      (Ex. https://<your_domain>.edu/google-content-tool/oauth)
   e. Click the "Create Client ID" button.
6. Copy the Client ID and Client secret values from the web application settings on this page, they are required for configuring the OAuth provider in your CLE instance in the next section.

Configure the Google OAuth Provider in your CLE instance

1. Log in to your CLE instance as an admin user.
2. Add the OAuth Providers tool to the Administration Workspace.

    Tool ID: com.rsmart.oauth.provider
3. In the OAuth Providers tool click the Add button.
4. Fill in all the required fields:
    a. Make sure the Enabled box is checked.
    b. Enter provider's name (Ex. Google Docs)
    c. Add a description. For reference purposes, add the name or email address of the user who registered the CLE instance with Google.
    d. Add the Client ID and secret copied from the Google Cloud Console.
    e. Enter the following URLs for the Auth and Token fields:

        Auth Url: https://accounts.google.com/o/oauth2/auth

        Token Url: https://accounts.google.com/o/oauth2/token
    f. Under "Additional Parameters" enter the following values then click the add button.

        Name: scope (lowercase)

        Value: https://www.googleapis.com/auth/drive
    g. Click the submit button.