## **How to Set Up Google Drive Sync for TypingMind Cloud Sync (for Your Own Use)**

This guide will help you connect your TypingMind Cloud Sync extension to your personal Google Drive. Google requires this setup so *you* can tell Google that you trust this extension with your data. Don't worry, it sounds more complicated than it is!

**What you'll be doing:**

1. **Create a "Project"** in Google to organize your settings.
2. **Enable the "Google Drive" feature** for your project.
3. **Set up a "Privacy Consent Screen"** so Google knows who's using the app (that's you!).
4. **Generate a "Client ID"** (a special code) that the extension will use to identify itself to Google.
5. **Copy and paste** this Client ID into your TypingMind Cloud Sync settings.

**What you need:**

* A Google Account (e.g., Gmail).
* Your TypingMind URL (e.g., <https://www.typingmind.com> or the custom URL if you self-host).

### **Step-by-Step Guide:**

**Part 1: Setting up your Google Cloud Project**

1. **Go to the Google Cloud Console:**
   1. Open your web browser and go to: [https://console.cloud.google.com/](https://www.google.com/url?sa=E&q=https%3A%2F%2Fconsole.cloud.google.com%2F)
   2. **Sign in** with the Google account you want to use for syncing your TypingMind data.
2. **Create a New Project:**
   1. At the very top of the page, click on the **"Select a project" dropdown** (it might say "My First Project" or your organization name).
   2. In the pop-up, click **"New Project"**.
   3. Give your project a name (e.g., My TypingMind Sync or TypingMind Backup). It doesn't matter what you call it, as long as you recognize it.
   4. Click **"Create"**.
   5. Once created, make sure you **select your new project** in the dropdown at the top.
3. **Enable the Google Drive API:**
   1. In the search bar at the top of the Google Cloud Console, type Google Drive API and press Enter.
   2. Click on **"Google Drive API"** in the search results.
   3. On the next page, click the **"Enable"** button. (If it says "API enabled", you can skip this step).

**Part 2: Configuring Your Privacy Consent Screen (Very Important!)**

This is the step that fixes the "unverified app" error.

1. **Go to "OAuth consent screen":**
   1. In the left-hand menu, find **"APIs & Services"** and click on **"OAuth consent screen"**.
2. **Choose User Type "External":**
   1. On the "OAuth consent screen" page, select **"External"** for "User Type".
   2. Click **"Create"**.
3. **Fill in App Registration Details:**
   1. **App name:** Type something like TypingMind Cloud Sync or My Personal AI Chat Backup.
   2. **User support email:** Enter your own email address.
   3. **Developer contact information:** Enter your email address again.
   4. Scroll down and click **"Save and Continue"**.
4. **Scopes (Just click "Save and Continue"):**
   1. You don't need to add any specific scopes for this extension to work. Just click **"Save and Continue"**.
5. **Test Users (Crucial step for the error message!):**
   1. **THIS IS WHERE YOU FIX THE "UNVERIFIED APP" ERROR.**
   2. **Option A (Recommended for personal use, easiest): Publish your app to "Production".**
      1. Scroll down to the bottom of the "Test users" section.
      2. Click on **"Back to Dashboard"**.
      3. On the "OAuth consent screen" dashboard, you'll see "Publishing status: Testing".
      4. Click the **"PUBLISH APP"** button.
      5. Confirm the change in the pop-up (it will usually say "External publishing"). This tells Google that your app is ready for *your own* use, and they won't restrict it to "test users" anymore.
   3. **Option B (If you really want to keep it in "Testing" mode): Add yourself as a test user.**
      1. On the "Test users" page, click **"+ ADD USERS"**.
      2. Enter the **exact Google email address** you signed into the Cloud Console with (and want to use for syncing).
      3. Click **"Save"**.
      4. Then click **"Save and Continue"**.
6. **Summary (Just click "Back to Dashboard"):**
   1. Review the summary and click **"Back to Dashboard"**.

**Part 3: Creating Your Client ID**

This generates the unique code the extension needs.

1. **Go to "Credentials":**
   1. In the left-hand menu, find **"APIs & Services"** and click on **"Credentials"**.
2. **Create OAuth Client ID:**
   1. Click the **"+ CREATE CREDENTIALS"** button at the top.
   2. Select **"OAuth client ID"** from the dropdown.
3. **Configure Your Client ID:**
   1. **Application type:** Select **"Web application"**.
   2. **Name:** Give it a name (e.g., TypingMind Web Client).
   3. **Authorized JavaScript origins:** This is very important! This tells Google *where* your TypingMind application runs from.
      1. Click **"+ ADD URI"**.
      2. **Enter the full URL where you access TypingMind.**
         1. **If you use the official web app:** <https://www.typingmind.com>
         2. **If you self-host:** Enter your exact local or custom domain URL. For example, if you run it on <http://localhost:3000>, enter <http://localhost:3000>. If you use a custom domain like <https://my.domain.com>, use that.
      3. **Do NOT** add anything in "Authorized redirect URIs".
   4. Click **"CREATE"**.
4. **Copy Your Client ID:**
   1. A pop-up will appear with your **"Client ID"**.
   2. **Copy this entire string of characters.** It's a long code.

**Part 4: Putting the Client ID into TypingMind Cloud Sync**

1. **Open TypingMind:** Go back to your TypingMind browser tab.
2. **Open the Cloud Sync Settings:**
   1. Click the "Sync" button (or cloud icon) in the TypingMind sidebar.
   2. In the modal that pops up, go to the "Storage Provider Settings" section and select "Google Drive" from the dropdown.
3. **Paste the Client ID:**
   1. Find the field labeled **"Google Cloud Client ID"**.
   2. **Paste the Client ID** you copied from Google Cloud Console into this field.
4. **Set an Encryption Key:**
   1. Go to the "Common Settings" section.
   2. Set an **"Encryption Key"**. This is a password *you* create, just for this extension, to encrypt your data before it goes to Google Drive. Make it strong and remember it, as you'll need it on other devices if you sync there.
5. **Save Settings:**
   1. Click the **"Save"** button at the bottom of the modal.
   2. The page will reload to apply the new settings.

**That's it!** After the page reloads, your TypingMind Cloud Sync should now be able to connect and sync with your Google Drive.