



## Dropbox Crawler Setup

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### Introduction

This is a short guide aimed at showing how to configure Dropbox to enable the SimSage Dropbox crawler. This crawler only works with individual accounts (not Team). If you do have a Dropbox Team subscription, you can copy all your files into your personal folder of your Dropbox account. This will enable this crawler to see those files.

### Prerequisites

In order to create the Dropbox Crawler, we must obtain the following credentials:

- App Key / Client ID
- Client Secret
- Starting folder(s)

 The Dropbox Crawler will also provide a URI that you will need to copy over to the Dropbox App instance

### App Key and ID

Visit <https://www.dropbox.com/developers>

and sign-in to your Dropbox account.

The screenshot shows the Dropbox Developers App Console homepage. At the top, there's a navigation bar with links for Developers, Documentation, Guides, Community & Support, and App Console (which is highlighted). Below the navigation is a section titled "DBX Platform" with the sub-headline "Develop apps for 700 million Dropbox users". It includes a link to "Create apps" and a link to "Or click here to view documentation". To the right is a cartoon illustration of a person working at a desk with multiple monitors displaying various charts and graphs. A large black banner at the bottom contains the text "Get started today with a few lines of code".

Click “App console”

The screenshot shows the "My apps" page in the App Console. The URL in the address bar is "www.dropbox.com/developers/apps?\_tk=pilot\_ip&ad=topbar4&camp=myapps". The page has a header with links for Developers, Documentation, Guides, Community & Support, and App Console. Below the header is a section titled "My apps" with the sub-headline "Apps created with your account". On the right side, there is a blue button labeled "Create app" which is highlighted with a red box.

Click “Create app”

The screenshot shows the "Create a new app on the DBX Platform" form. The URL in the address bar is "www.dropbox.com/developers/apps/create". The form is divided into three steps: 1. Choose an API, 2. Choose the type of access you need, and 3. Name your app. Step 1 shows a "Scoped access" option selected. Step 2 shows a "Full Dropbox" option selected. Step 3 shows the app name "SimSage-dropbox-crawler" entered in the input field. The "Create app" button at the bottom right is highlighted with a red box.

Scoped access, Full Dropbox, name your app and click Create app

You will now see the “Settings” tab of your new app.

Copy the App key, and App secret fields after clicking the “Show” button for the secret. These two values are needed by SimSage.

Click the “Permissions” tab of your new app and select the following permissions:

- files.content.read
- files.metadata.read

click the “Submit” button to save it

saved

In your SimSage admin, create a new Dropbox source / crawler.

Edit Source: dropbox

General   **Dropbox Crawler**   Metadata   ACLs   MimeTypes   Check Document   Schedule

Client id (aka. app key) \*   **vs9q4goI3k6vaab**   Client Secret (leave blank to keep previous)   **g816ruq9u815w3g**

Dropbox oidc key   **aca2c404-c79f-2451-aa7c-7925d54fbcb9**

Dropbox Redirect URI  
http://localhost:8080/api/crawler/dropbox-oidc-code/aca2c404-c79f-2451-aa7c-7925d54fbcb9

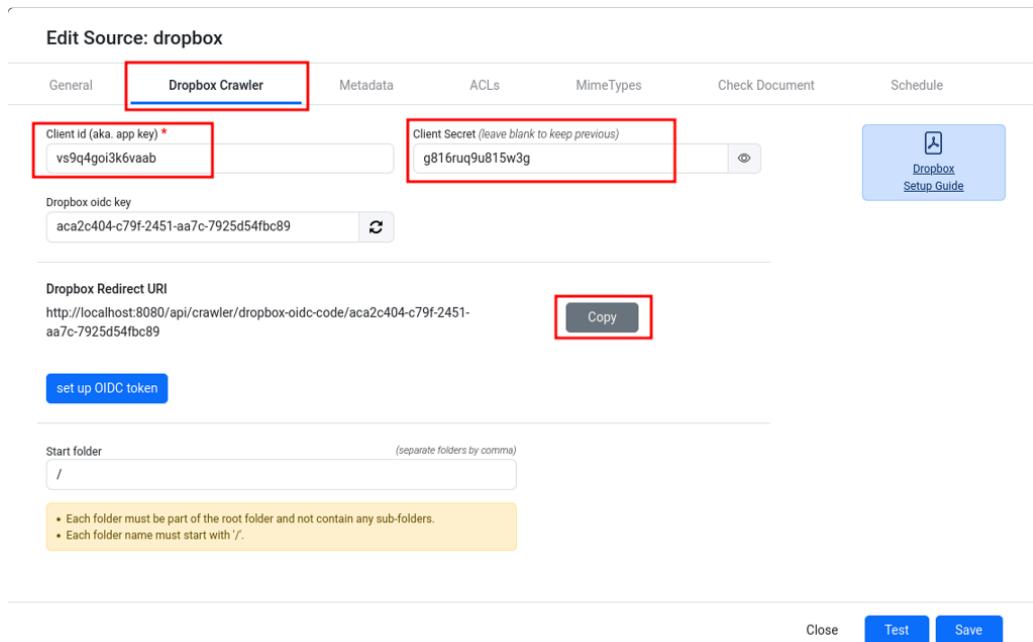
**Copy**

set up OIDC token

Start folder   (separate folders by comma)  
**/**

• Each folder must be part of the root folder and not contain any sub-folders.  
• Each folder name must start with '/'.

Close   Test   Save



Enter the Client id (App key) and Client secret (App secret) values you got from Dropbox.

**⚠** If you do not set the correct permissions before creating the crawler, the crawler will have to be re-created.

### OIDC Token Setup [IMPORTANT]

Next – you **MUST** save the source before anything can happen. Once saved, the “Dropbox Redirect URI” will show. Click the “Copy” button.

Return to the Dropbox application you created and paste in your SimSage redirect URI. Make sure to click the “Submit” button in Dropbox again to save this value.

Creating a Dropbox app

- Configure app settings
- Select access scopes
- Add branding

Status: Development

Development teams: 0 / 1

Development users: Only you

Permission type: Scoped App

OAuth 2.0 Redirect URIs: http://localhost:8080/api/crawler/dropbox-oidc-code/aca2c404-c79f-451-aa7c-7925d54fbx8

Paste the copied Redirect URI and click the Add button

You can now return to SimSage and click the “set up OIDC token” button.

This will pop-up a page in your browser that should look something like:

Before you connect this app...

Make sure that you know and trust this developer. Allowing apps from developers you don't know may put your data at risk.

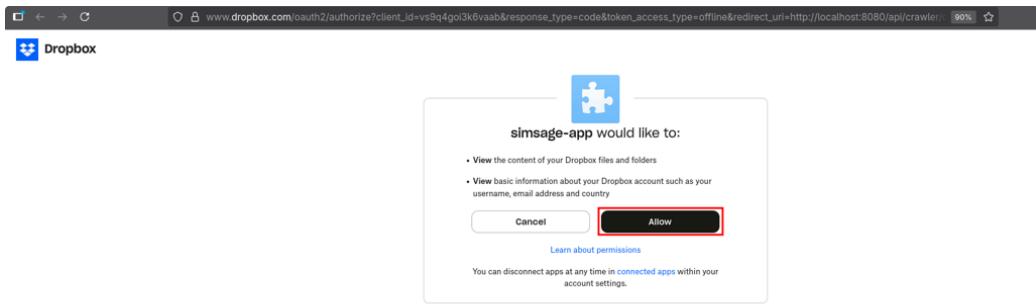
Why am I seeing this warning? This app only has a small number of users and may not be the app you were intending to link.

**Continue**

Click Cancel if you are unsure whether you should be connecting an app to your Dropbox account. You can also find out more about what to look for when connecting an app.

Click “Continue”

you should see



Click "Allow" to finish your set up

Dropbox will now send the required sign in information to SimSage and you should see this message pop-up from SimSage.

Success: dropbox refresh\_token received. Please close this page.

Close this page, your Dropbox crawler is now fully operational.