

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:

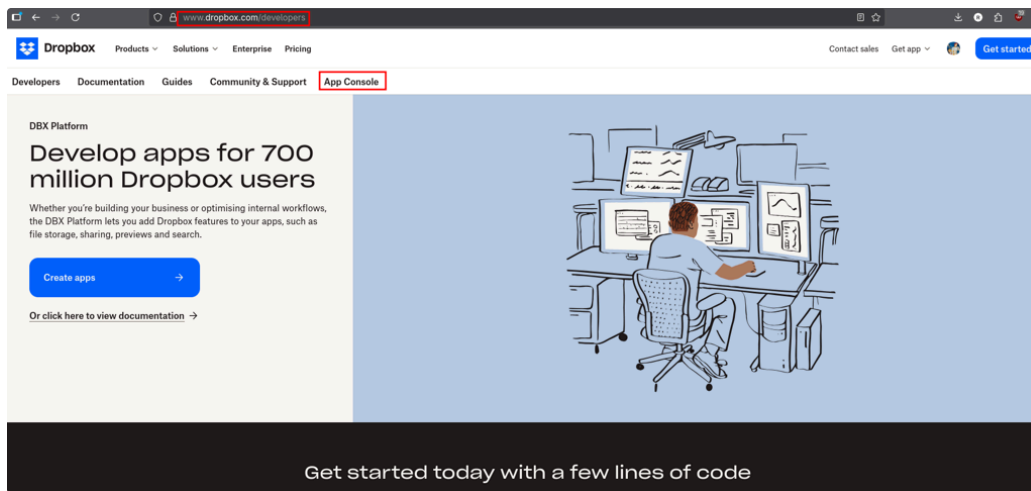
- App Key / Client ID
- Client Secret
- Starting folder(s)

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

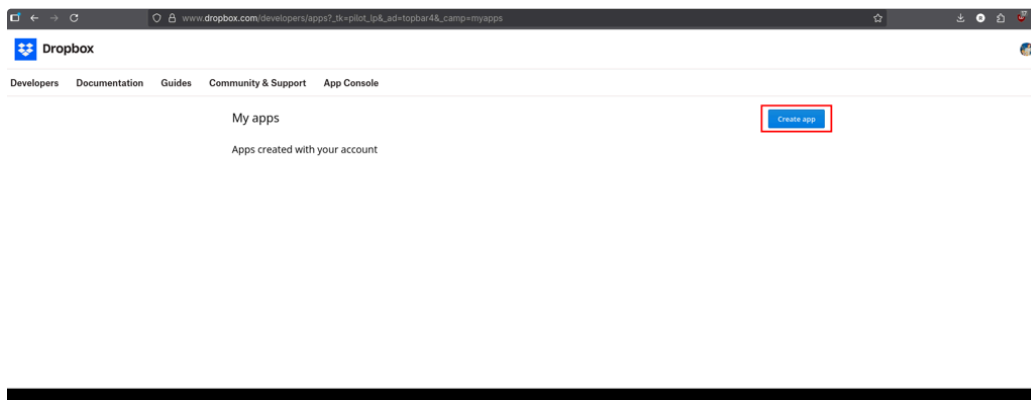
App Key and ID

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

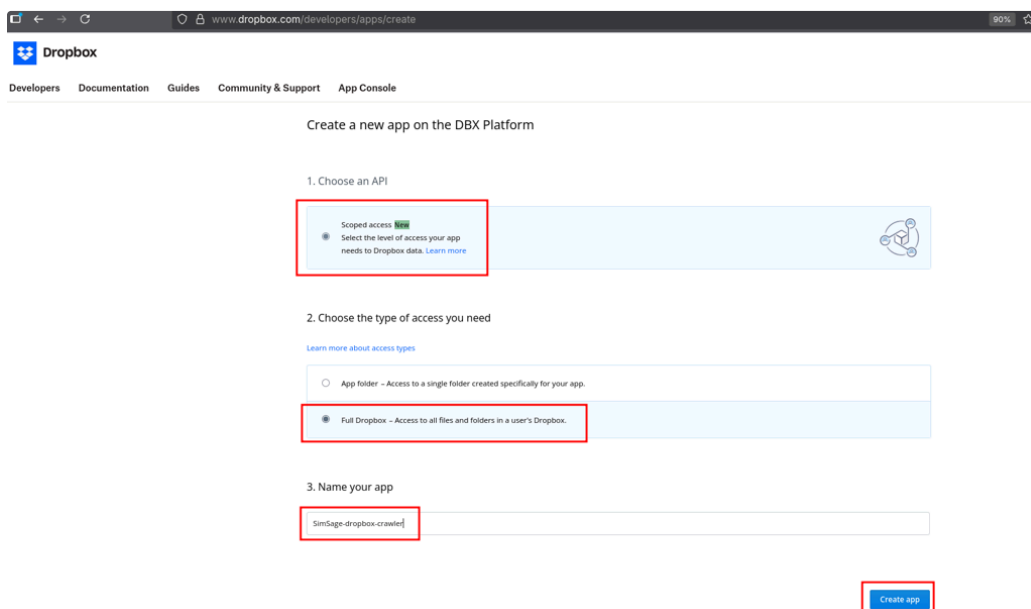
and sign-in to your Dropbox account.



Click "App console"

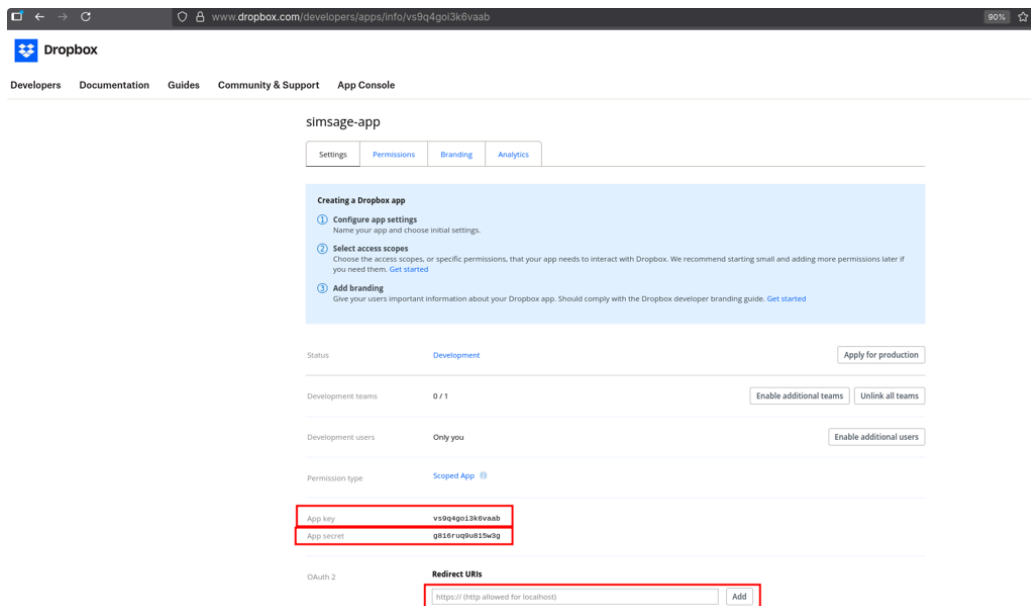


Click "Create app"



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

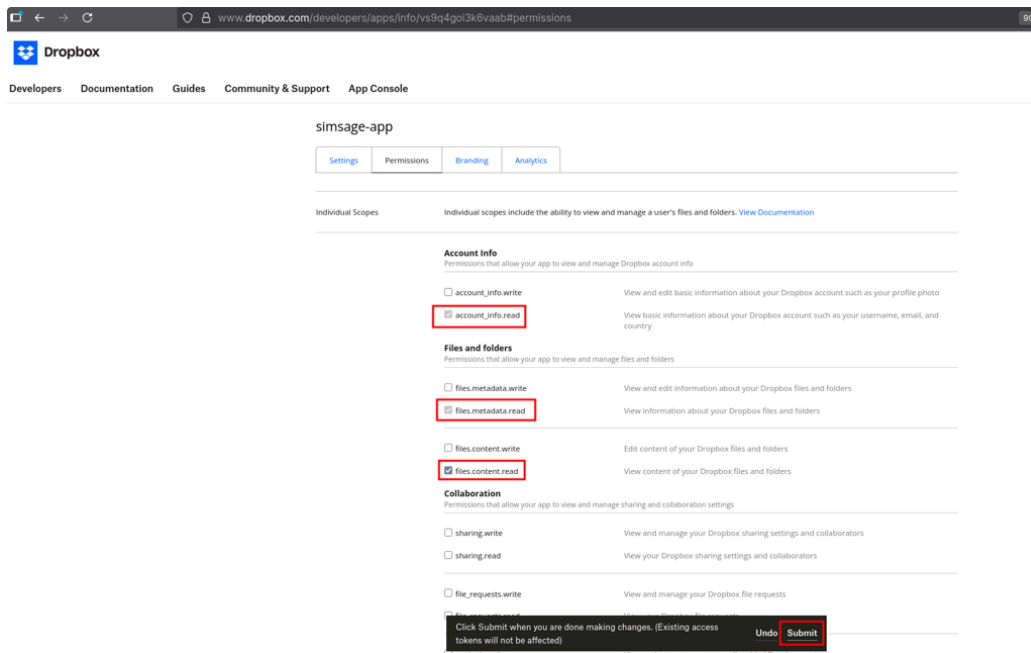
You will now see the "Settings" tab of your new app.



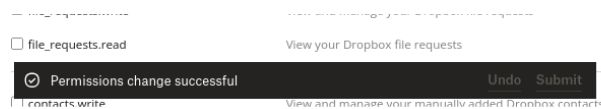
Copy the App key, and App secret fields after clicking the “Show” button for the secret. These two values are needed by SimSage.

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-7925d54fbc89

Dropbox Redirect URI
http://localhost:8080/api/crawler/dropbox-oidc-code/aca2c404-c79f-2451-aa7c-7925d54fbc89

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.

Dropbox

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simsage-app

Settings Permissions Branding Analytics

Creating a Dropbox app

- 1 Configure app settings**
Name your app and choose initial settings.
- 2 Select access scopes**
Choose the access scopes, or specific permissions, that your app needs to interact with Dropbox. We recommend starting small and adding more permissions later if you need them. [Get started](#)
- 3 Add branding**
Give your users important information about your Dropbox app. Should comply with the Dropbox developer branding guide. [Get started](#)

Status **Development** [Apply for production](#)

Development teams 0 / 1 [Enable additional teams](#) [Unlink all teams](#)

Development users **Only you** [Enable additional users](#)

Permission type **Scoped App** ⓘ

App key vs9q4go13k6vaab
App secret g818ruqub15w3g

OAuth 2 **Redirect URIs**

st-8080/api/crawler/dropbox-oidc-code/aca2c404-c79f-2451-aa7c-7925d54fbcdf

http://localhost:8080/api/crawler/dropbox-oidc-code/aca2c...

Allow public clients (implicit Grant & PKCE) ⓘ

Add

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:

Dropbox

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.

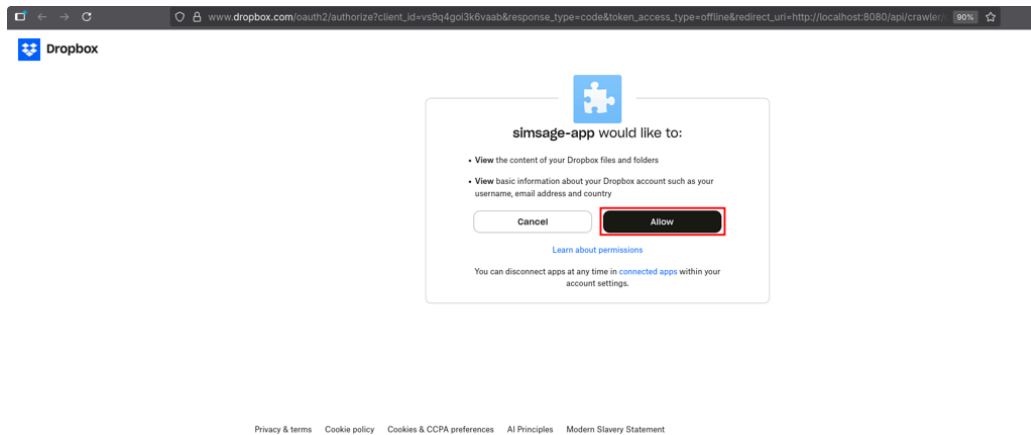
Why am I seeing this warning? This app only has a small number of users and may not be the app you were intending to link.

[Cancel](#) [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.