



# 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:

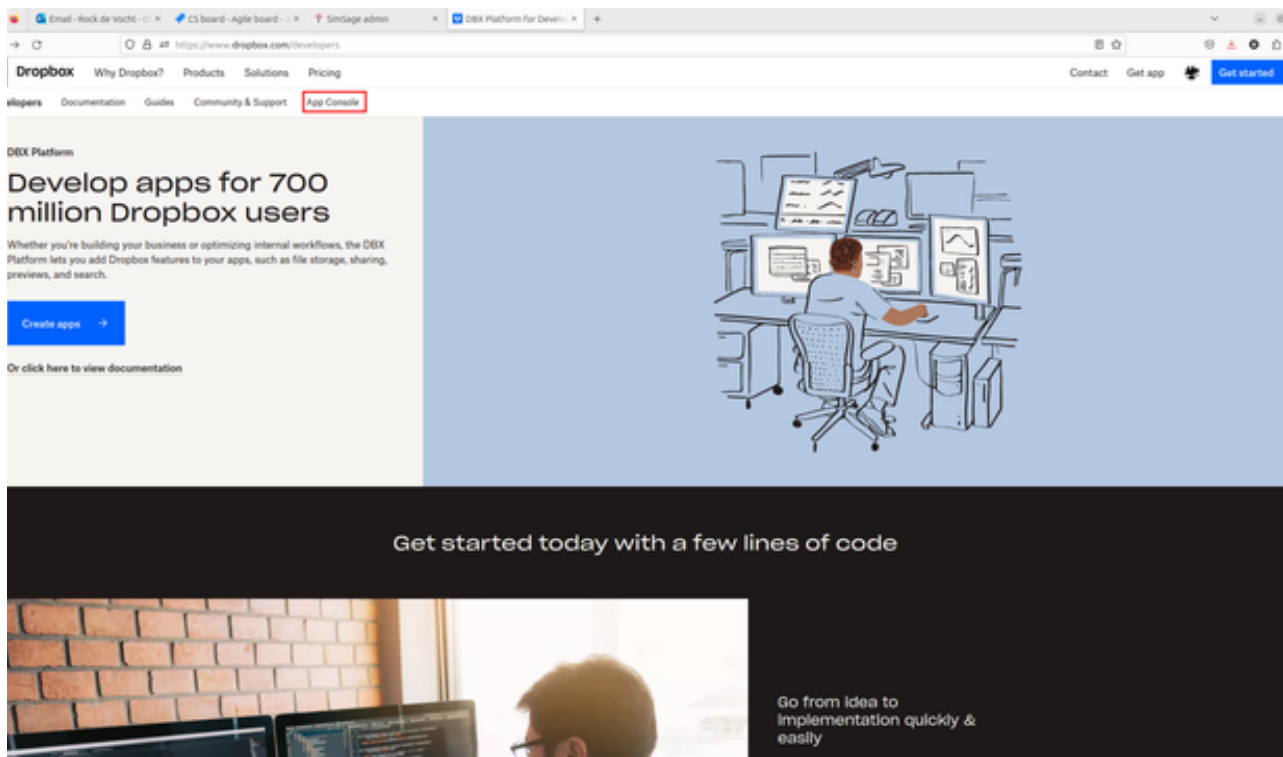
- App Key / Client ID
- Client Secret
- Starting folder(s)

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

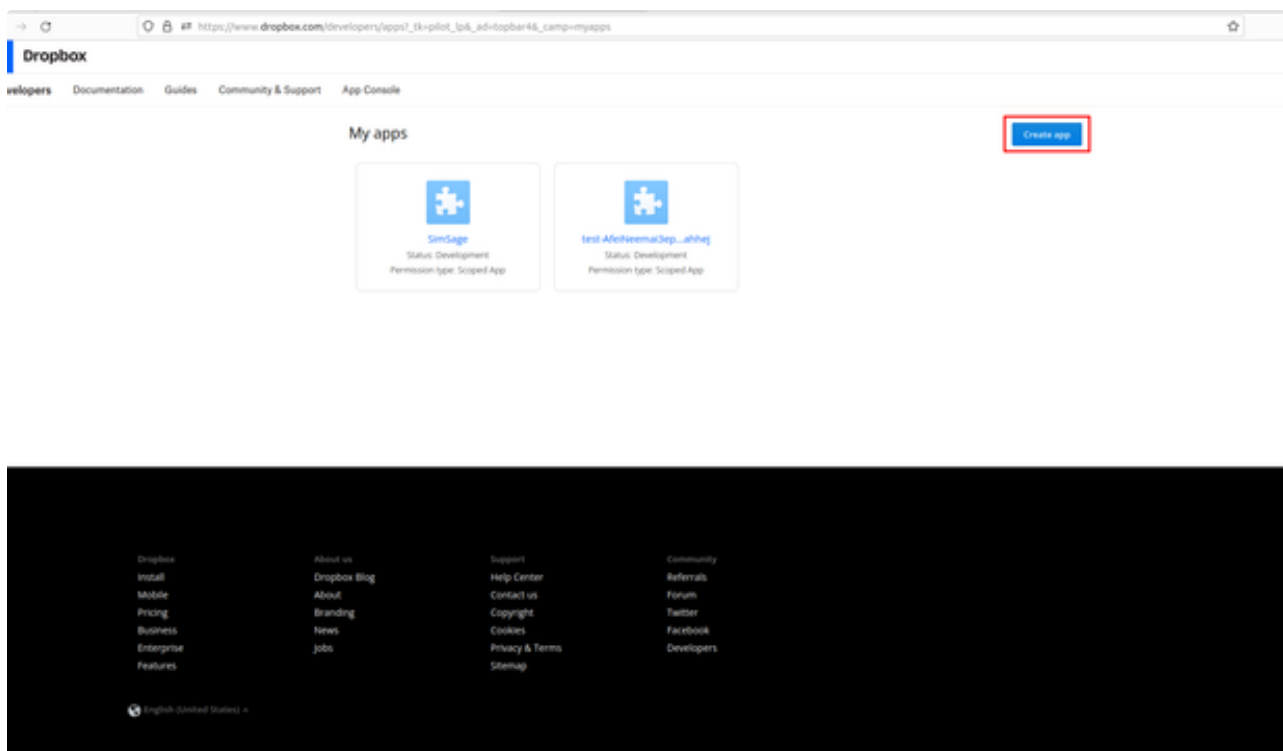
## App Key and ID

Visit [DBX Platform for Developers - Dropbox](#)

and sign-in to your Dropbox account.



Click "App console".



Click "Create app".

→

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https://www.dropbox.com/developers/apps/create

☆

Dropbox

DevelopersDocumentationGuidesCommunity & SupportApp Console


Create a new app on the DBX Platform

1. Choose an API

⊕

Scoped access 🟢

Select the level of access your app needs to Dropbox data. [Learn more](#)



2. Choose the type of access you need

[Learn more about access types](#)

☐ App folder - Access to a single folder created specifically for your app.

☒ Full Dropbox - Access to all files and folders in a user's Dropbox.

3. Name your app

Create app

Create the app by clicking “Create app”.

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

test-AfeiNeemai3ep1kahhej2

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](#)

StatusDevelopmentApply for production

Development teams0 / 1Enable additional teamsUnlink all teams

Development usersOnly youEnable additional users

Permission typeScoped App ⓘ

App keyhcprpukbc72hpee

App secret2paJix1lnj61d51

OAuth 2

Redirect URIs

https:// (http allowed for localhost)Add

Allow public clients (Implicit Grant & PKCE) ⓘ

Allow

Generated access token ⓘ

Generate

Chooser / Saver / Embedder domains

example.comAdd

If using the [Chooser](#), the [Saver](#), or the [Embedder](#) on a website, add the domain of that site.

Webhooks

Webhook URIs ⓘ

https://Add

Extensions

Undo SubmitClick Submit when you are done making changes. (Existing access tokens will not be affected)

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

You will need to come back to the Redirect URIs section outlined to add your SimSage instance's value as shown below. You can leave this value blank for now.

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

- files.content.read
- files.metadata.read
- OpenID scopes: profile
- OpenID scopes: email

and click the “Submit” button to save it:

## Individual Scopes

Individual scopes include the ability to view and manage a user's files and folders. [View Documentation](#)

### Account Info

Permissions that allow your app to view and manage Dropbox account info

- |   |   |
|---|---|
| <input type="checkbox"/> account_info.write           | View and edit basic information about your Dropbox account such as your profile photo       |
| <input checked="" type="checkbox"/> account_info.read | View basic information about your Dropbox account such as your username, email, and country |

### Files and folders

Permissions that allow your app to view and manage files and folders

- |   |  |
|---|--|
| <input type="checkbox"/> files.metadata.write           | View and edit information about your Dropbox files and folders |
| <input checked="" type="checkbox"/> files.metadata.read | View information about your Dropbox files and folders          |
| <input type="checkbox"/> files.content.write            | Edit content of your Dropbox files and folders                 |
| <input checked="" type="checkbox"/> files.content.read  | View content of your Dropbox files and folders                 |

### Collaboration

Permissions that allow your app to view and manage sharing and collaboration settings

- |  |   |
|--|---|
| <input type="checkbox"/> sharing.write       | View and manage your Dropbox sharing settings and collaborators |
| <input type="checkbox"/> sharing.read        | View your Dropbox sharing settings and collaborators            |
| <input type="checkbox"/> file_requests.write | View and manage your Dropbox file requests                      |
| <input type="checkbox"/> file_requests.read  | View your Dropbox file requests                                 |
| <input type="checkbox"/> contacts.write      | View and manage your manually added Dropbox contacts            |
| <input type="checkbox"/> contacts.read       | View your manually added Dropbox contacts                       |

## OpenID Scopes

Scopes used for OpenID Connect.

At this time, team-scoped apps **cannot** request OpenID Connect scopes.

OpenID scopes must be explicitly set in the "scope" parameter on [/oauth2/authorize](#) to be requested.

### Connect

Permissions that allow your app to access user login info

- |   |                                  |
|---|----------------------------------|
| <input checked="" type="checkbox"/> profile | Read basic profile info          |
| <input checked="" type="checkbox"/> openid  | Required for OpenID Connect flow |
| <input checked="" type="checkbox"/> email   | Read basic email info            |

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

Edit Source: Dropbox Demo

General

Dropbox Crawler

Metadata

ACLs

Processors

Schedule

Client id (aka. app key)

o61fc6otdtdssqb

Client secret (aka. app secret)

j4vmfjsy0edmlyg

Dropbox Redirect URI

http://localhost:8080/api/crawler/dropbox-oidc-code/c276f883-e0c8-43ae-9119-df8b7df9c574/46ff0c75-7938-492c-ab50-442496f5de51/2

Copy

set up OIDC token

Start folder

(separate folders by comma)

/Demo Data

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

Close

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.

Edit Source: Dropbox Demo

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Dropbox Redirect URI

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Copied

set up OIDC token

Start folder

(separate folders by comma)

/Demo Data

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

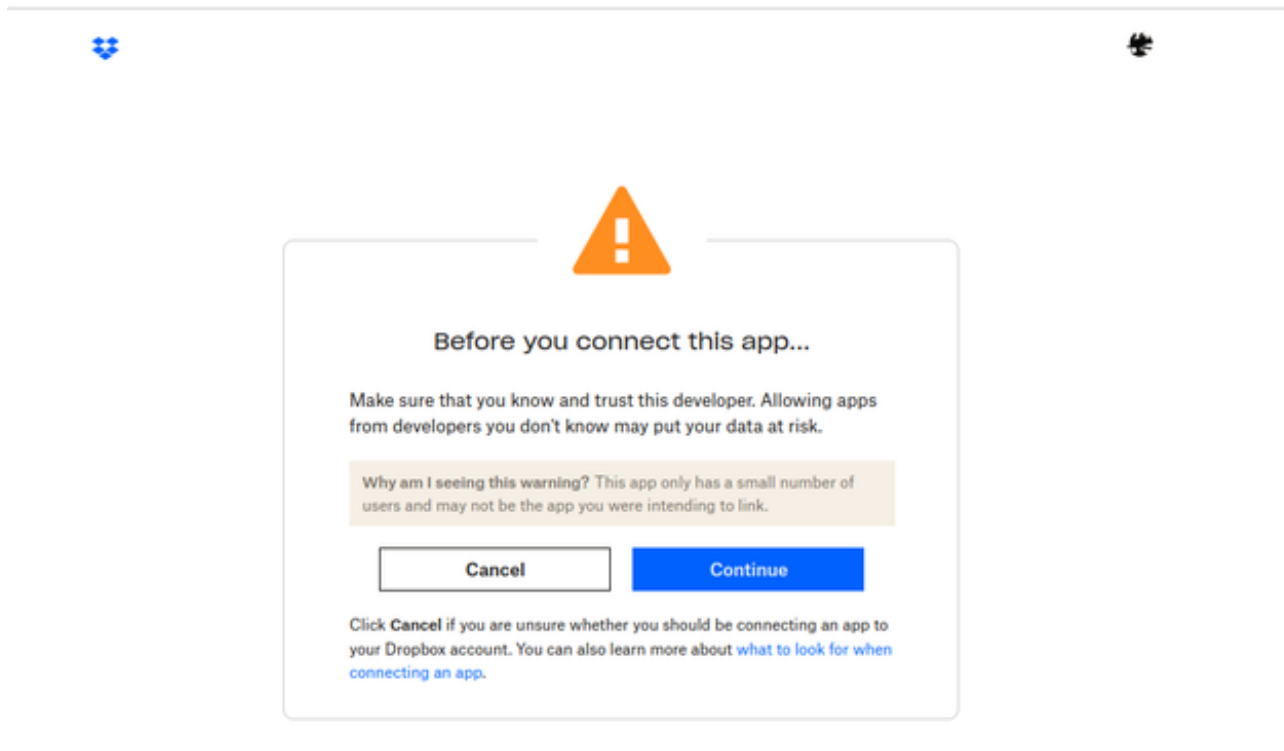
Close

Save

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.

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:



Click “Continue” and you should see



**test-AfelNeemai3ep1kahhej** would like to:

- **View** content of your Dropbox files and folders
- **View** basic information about your Dropbox account such as your username, email, and country

Cancel

Allow

[Learn about permissions](#)

You can disconnect apps anytime in [connected apps](#) within your account settings.

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.