







Box: Configuration Steps

This document provides the steps necessary to confirm the Box adapter. The Box adapter works with tokens provided by an OAuth authentication flow. In order to proceed with these instructions, you will need:

- An account with Box (personal or business). To open a free account, go to <https://www.box.com> before you continue
- Download the Box adapter from the Marketplace in **Enzo Manager**

Step 1: Create Application in Box.com

Go to <https://developer.box.com/> and click on **My Apps**. In this development portal, choose to **Create New App**.

Select Custom App	<p>Let's get started. What type of app are you building?</p> <div data-bbox="516 915 725 1268"><p>Custom App</p><p>Build a standalone app with Box's content services, such as managing and rendering files and enabling end-user collaboration.</p><p><i>For developers using Box's content services without requiring Box user accounts.</i></p></div> <div data-bbox="743 915 953 1268"><p>Enterprise Integration</p><p>Extend your Box instance with programmatic processes and backend integrations, such as user, group, and event management.</p><p><i>For Box admins and developers building an integration for their existing Box users.</i></p></div> <div data-bbox="971 915 1180 1268"><p>Partner Integration</p><p>Allow users to access, edit, and save their Box content within your third-party app, such as an e-signature or project management service.</p><p><i>For developers building an integration for existing Box users.</i></p></div> <div data-bbox="1198 915 1408 1268"><p>Custom Skill</p><p>Build a Custom Skill that processes files in Box using third-party AI/ML technologies. Custom Skills apply metadata to files, such as image labels or audio transcripts.</p><p><i>For developers building content processing solutions.</i></p></div> <p><input type="button" value="Cancel"/> <input type="button" value="Next"/></p>
Choose Standard OAuth	<div data-bbox="537 1350 1240 1467"><p>Standard OAuth 2.0 (User Authentication)</p><p>Requires Box users to log in with a username and password to authorize your app to access content in their account.</p></div> <p><input type="button" value="Back"/> <input type="button" value="Next"/></p>

<p>Enter an App Name</p>	<p style="text-align: center;">What would you like to name your app?</p> <p style="text-align: center;">Don't worry—you can change this later.</p> <div style="text-align: center; border: 1px solid #ccc; padding: 2px; display: inline-block; margin: 10px 0;">EnzoApp </div> <p style="text-align: center; font-size: small;">By clicking 'Create App', you agree to the terms of the Box Developer Agreement and the Box Privacy Policy.</p> <div style="text-align: center; margin-top: 10px;"> Back Create App </div>
<p>Once the application created, you will need the ClientID and ClientSecret values in Enzo Manager.</p>	<p>OAuth 2.0 Credentials</p> <p style="font-size: small;">Credentials for using OAuth 2.0 as your Authentication type.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Client ID</p> <div style="border: 1px solid #ccc; background-color: #ccc; height: 15px; width: 100%;"></div> </div> <div style="width: 45%;"> <p>Client Secret</p> <div style="border: 1px solid #ccc; background-color: #ccc; height: 15px; width: 100%; text-align: center; font-size: x-small;">.....</div> </div> </div> <div style="text-align: center; margin-top: 10px;"> Reset </div>
<p>Change the Redirect URL to https://localhost and leave the default Scopes. Click on Save.</p>	<p>OAuth 2.0 Redirect URI</p> <p style="font-size: small;">The redirect URI is the URL within your application that will receive OAuth 2.0 credentials.</p> <div style="border: 1px solid #ccc; padding: 2px; margin: 5px 0; display: inline-block;">https://localhost</div> <hr style="border: 0.5px solid #ccc; margin: 10px 0;"/> <p>Application Scopes</p> <p style="font-size: x-small;">Select the scopes shown on the OAuth consent screen when users or admins authorize your app. Learn more.</p> <ul style="list-style-type: none"> <li style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Read all files and folders stored in Box <li style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Read and write all files and folders stored in Box <li style="margin-bottom: 5px;"><input type="checkbox"/> Manage users <li style="margin-bottom: 5px;"><input type="checkbox"/> Manage groups <li style="margin-bottom: 5px;"><input type="checkbox"/> Manage webhooks <li style="margin-bottom: 5px;"><input type="checkbox"/> Manage enterprise properties <li style="margin-bottom: 5px;"><input type="checkbox"/> Manage retention policies <li style="margin-bottom: 5px;"><input type="checkbox"/> Enable integrations

Step 2: Create Enzo Configuration Setting

Start Enzo Manager, connect to Enzo, and select the Box adapter. Click on New to create a new configuration setting.

Create a Config Setting for the Box adapter and enter the clientId and clientSecret values. Make this the default setting.

Leave the tokens empty for now.

Click OK.

Name	Value
accessToken	
refreshToken	
clientId	
clientSecret	*****

Open SSMS and execute the SQL command provided.

Copy the result.

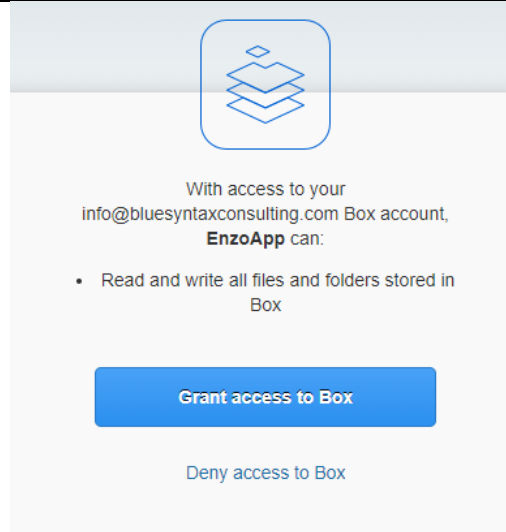
EXEC Box.GetAuthURL

-- should return a value like this:

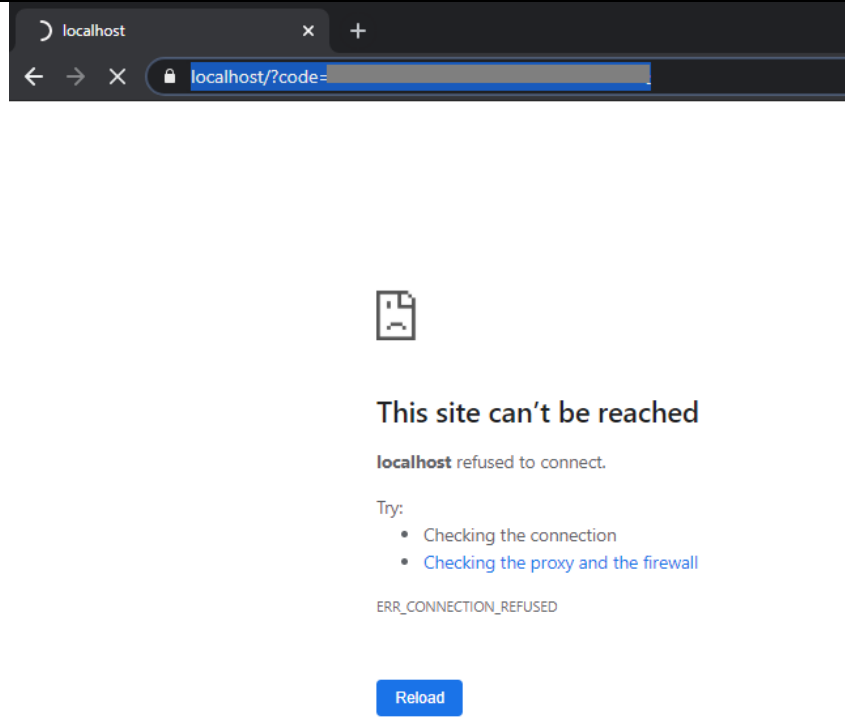
https://account.box.com/api/oauth2/authorize/?client_id=...&response_type=code

Open a browser and paste the URL. Follow the Authentication Flow and grant the requested permissions.

Click on Grant access to Box



A message indicating the site can't be reached will be displayed; copy in memory the complete URL at the top of the browser (starting with localhost://code=...).

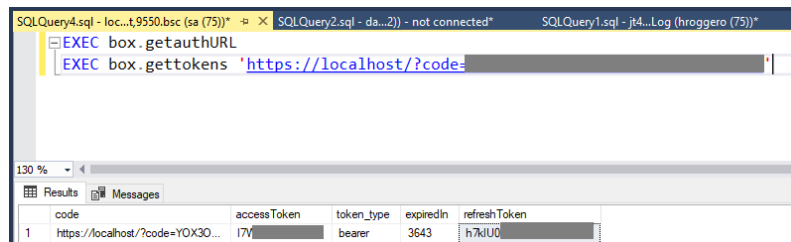


Start SQL Server Management Studio (SSMS) and **connect to Enzo directly**.

Run the **Box.GetTokens** SQL command, using the previously copied URL as the first parameter.

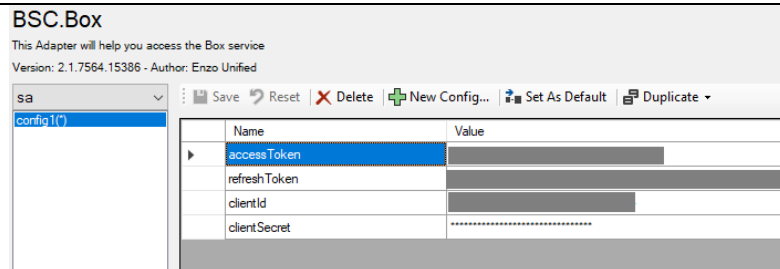
This will return the accessToken and refreshToken values.

EXEC box.gettokens 'https://localhost/?code=.....'



Return to Enzo Manager, and copy both the accessToken and refreshToken into the Box Config Setting previously created.

Click Save



At this point, the Box adapter has been configured to access your files and folders. For example, to return all files in the root folder, run this command:

*SELECT * FROM Box.Files*

The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery4.sql - loc...t,9550.bsc (sa (75))*". The query editor contains the text "SELECT * FROM Box.Files". Below the editor, the "Results" tab is active, displaying a table with the following data:

	fileId	fileName	isFolder
1	122796611789	csv	1
2	719925153044	001.txt	0
3	719928464064	002.txt	0

At the bottom of the window, a yellow status bar displays a green checkmark icon and the text "Query executed successfully."