

Plugin *Dropbox*

Documentation

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Author:	Theodor Truffer, studer + raimann ag Fabian Schmid, studer + raimann ag

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- New Option to set Object online during creation

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Introduction

Dropbox is a CloudHook plugin which offers the possibility to bind the Cloud Service Dropbox to ILIAS. It allows users to manage the files and folder located in the Cloud directly within ILIAS.

2.1 Supported ILIAS-Versions

The plugin supports all ILIAS-Versions from 4.4.x to 5.1.x.

Feature Overview

PL-Version	Changes
1.0.0	Key-Features: <ul style="list-style-type: none">• Creating a Cloud Object of type <i>Dropbox</i>• Perform Base-Commands inside the Dropbox folder (upload, download, create, delete)• Change root folder• Choose root folder at creation <p>Support for ILIAS 5.1</p>
1.1.0	Set Object online during creation

Installation

To install this plugin, change to your ILIAS-Root-Directory and execute the following commands:

```
mkdir -p Customizing/global/plugins/Modules/Cloud/CloudHook/  
cd Customizing/global/plugins/Modules/Cloud/CloudHook/  
git clone https://github.com/studer-raimann/Dropbox.git
```

As ILIAS administrator go to "Administration->Plugins" and install/activate the plugin.

4.1 Dropbox - Configuration

So far the plugin is not working. In order to work, the plugin needs to be properly configured. The important settings are "App Name", "Key" and "Secret".

- To get those values, the plugin needs to be registered at <https://www.dropbox.com/developers>.
- The registration requires a Dropbox Account.

- The values can be accessed through the "App Console" on the Webpage of Dropbox. Register a "Dropbox API app" with "Files and datastores".
- Set the wished access of the app (we highly recommend to limit the access to the apps private folder).
- Set the app name. Beware, that the app name corresponds to the name of the subfolder of the app in the users file structure
- Next you need to set the OAuth redirect URL. This is the address of your webserver combined with '*/Customizing/global/plugins/Modules/Cloud/CloudHook/Dropbox/redirect.php*' (example: *http://localhost/Customizing/global/plugins/Modules/Cloud/CloudHook/Dropbox/redirect.php* or *https://ilias.uniX.de/Customizing/global/plugins/Modules/Cloud/CloudHook/Dropbox/redirect.php*).
- For Testing the plugin with up to 100 users one has to click to button: „Enable Additional Users“

Please consult <https://www.dropbox.com/developers> for more informations regarding the registration of the app. Consider that the App needs to go through the "Apply for production" process once the plugin gets operational.

4.2 ILIAS – Configuration

To be able to create a Dropbox Object, an administrator has to enable the creation of Cloud-Objects in general. To do so, navigate in the main menu to *Administration > Repository*. There change to the tab *Repository Object Types*, find the entry for *Cloud Object* and set the checkbox that says *Enable Creation*, on the right side of the entry.

Usage of the Plugin

5.1 Create Object

To create a Cloud Object of type Dropbox, just navigate to the place in the repository where you would like to add the object, click on *Add New Item* and choose *Cloud Object*. Inside the appearing mask, enter a title and choose Dropbox as service. Here you can optionally choose a different root folder, but you can also change it after the creation.

5.2 Browse Dropbox

Inside the created object, change to the tab *Content* to browse your Dropbox folder. The usage is straightforward: Add new files and folder via the *Add New Item* button, delete them through the *Action* menu, open folders and download files by simply clicking on their names.

5.3 Settings

In the settings tab you can change the root folder of your Dropbox object. Just type a path of folders from your Dropbox and the users will see only subfolders of this path. This setting is very useful, because you can show only a specific subtree of your whole Dropbox directory.