

# MCN Technical Integration Guide (public)

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This document describes in detail the necessary steps to integrate Dailymotion as part of your users and videos management system.

## 1. Onboarding process

The two following cases are covered when it comes to user management:

- The user is already an approved partner of your network and wants to increase his reach by syndicating his videos to Dailymotion. You do not need to re-approve this user.
- The user is a Dailymotion partner and wants to apply to become one of your partner to increase his reach. Your approval is required.

On Dailymotion's side, there is no difference between those use cases; hence you need to handle the workflow switch internally. In section 1a, you will find details on how to connect your user with his Dailymotion account. In section 1b you will find details on how to adopt and reject those accounts in your partners base.

### 1a. Dailymotion Connect

The first step in the process is to log in the user through our OAuth 2.0 authentication process. In addition to giving you access to the user information and assets, this is also the step where the user will be prompted to accept relevant terms and conditions allowing you to take full control and responsibility on his Dailymotion account.

- ☐ Create and set up an API key on your parent account. If you do not have a parent account yet, please get in touch with your content manager. Your parent account will be used to keep all your users in the same place and allow you to further control them. To create an API key, log in and navigate to : [www.dailymotion.com/profile/developer](http://www.dailymotion.com/profile/developer). The API key name and image will be shown to the end user as your brand in the login window. The callback URL should be the endpoint you chose to handle the user data coming back from Dailymotion after logging in.



Your API Key needs to have a specific role (can-adopt-users), please contact your content manager to make sure this is the case.

- ☐ Implement the user authentication process. To help you do so, please navigate to <http://developer.dailymotion.com/documentation#oauth-client-web-application>. When building the OAuth URL, you need to choose and specify the scopes and permissions you need from the user. Please refer to the following link to get more information about these scopes and pick the additional ones you may need for your business: <http://developer.dailymotion.com/documentation#extended-oauth-permissions>. The minimum scopes for user management are the following ones:
  - email
  - userinfo
  - delegate\_account\_management (This scope is mandatory, it allows the user to give you in advance the management rights of his account).
  - read\_insights (This scope is necessary if you want to retrieve detailed statistics from the user).



#### Example

[https://www.dailymotion.com/oauth/authorize2?response\\_type=code&client\\_id=YOUR\\_API\\_KEY&redirect\\_uri=YOUR\\_REDIRECT\\_URL&scope=userinfo,email,manage\\_videos,read\\_insights,delegate\\_account\\_management](https://www.dailymotion.com/oauth/authorize2?response_type=code&client_id=YOUR_API_KEY&redirect_uri=YOUR_REDIRECT_URL&scope=userinfo,email,manage_videos,read_insights,delegate_account_management)

Once the user accepts the permissions through the authorization window, you can start requesting information about his account through the API and store it (Navigate to <http://developer.dailymotion.com/documentation#graph-api> and use the access\_token you retrieved from the Dailymotion

Connect). Remember to store the user's refresh\_token to be able to access his account anytime. Also, store both his id and the username as they will be useful in your transactions with the API. Please refer to section 3 for more details on how to retrieve user stats.

## 1b. User adoption/rejection

On Dailymotion, the user has to be categorized as a child of your master parent account in order to be considered as one of your partners.

- Case 1: The user is already one of your partners, and just connected his Dailymotion account. You need to automatically adopt his account on Dailymotion.
- Case 2: The user just applied to be one of your partners with his Dailymotion account. You need to review his application before accepting or rejecting him.

Both those cases eventually need an action from you to adopt the children on Dailymotion.

In order to make the following calls, you need to use an access\_token for authentication. The API call is the following (authentication below in the header, but you can alternatively add it as a request parameter: ?access\_token=XXXXX):

### Adoption

Adoption has to be done with **the user's access\_token** and on the user's own endpoint. This is meant to prevent unwanted account adoptions.

```
curl -X POST -H "Accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -H "Authorization: OAuth XXXXXXXXXXXXXXXXXXXX" --data "" https://api.dailymotion.com/me/parents/YOUR_PARENT_USER
```

An email will be sent to the user to inform him of the change of status.

### Rejection

Rejection has to be done with **your parent account's access\_token**, so you keep total control on your children accounts rejection. To generate access\_token for your own account in an automated way, please refer to <http://developer.dailymotion.com/documentation#retrieving-oauth-tokens>.

```
curl -X DELETE -H "Accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -H "Authorization: OAuth XXXXXXXXXXXXXXXXXXXX" --data "" https://api.dailymotion.com/me/children/THE_CHILD_ACCOUNT_TO_REMOVE
```

An email will be sent to the user to inform him of the change of status.

### Verification

If you ever need to verify if a user is a children of your account:

1 - With the **user's access\_token**

```
curl -X GET -H "Accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" -H "Authorization: OAuth XXXXXXXXXXXXXXXXXXXX" --data "" https://api.dailymotion.com/me/parents/YOUR_PARENT_USER
```

2- Without any access\_token, the following call lists all of your children accounts:

```
curl -X GET -H "Accept: application/json" -H "Content-Type: application/x-www-form-urlencoded" --data "" https://api.dailymotion.com/user/YOUR_PARENT_USER/children
```

## 2. Content upload



Please make sure you shared the details of your catalog with your content manager in order to be ready for massive content ingestion.

In order to syndicate all the videos from your user accounts to Dailymotion, you will need to implement several endpoints. The first and most important one will be the users directory, which will be used to let us know which users you want us to syndicate onto Dailymotion. In this user list, you will provide us with feeds (one for each user) that will be a standardized XML listing of the videos of this users you want to syndicate. Once everything is set up on your side, our automated tasks will crawl your endpoints and import the videos.

### 2.1 User list

The user list is the reference directory that will allow us to be aware of the users who want to have their content syndicated to Dailymotion. You will be responsible for maintaining and cleaning this list.

It consists of an endpoint (preferably secured with some kind of authentication) serving a JSON file as below:

```
[{"id": "x34ps8i", "feed_url": "http..."},
 {"id": "x974sc23", "feed_url": "https..."},
 {"id": "x79djj3", "feed_url": "https..."},
 ...
]
```

### 2.2 MRSS Feeds / Video list

As described below, every user in the list needs to have an associated video feed. You need to create an endpoint that will be responsible for providing those video feeds. Dailymotion's standard for video feeds is MRSS. You can find everything on the MRSS specification here: <http://www.dailymotion.com/dmrss#MRSSImporterSpecifications>. Please follow this specification and keep the following points in mind:

- You are responsible for cleaning up the MRSS video feeds from already imported videos, that is why it is highly recommend generating those feeds on the fly based on your videos metadata.
- You need to make sure that you provide a "guid" for all the videos in the MRSS. The guid can be any internal id that you use to identify your own videos. Of you do not provide this id, you will not be able to match newly created Dailymotion videos with your own.

### 2.3 Callbacks and catalog syncing

In the previous section, you learnt how to make Dailymotion aware of the videos you are willing to synchronize. The missing part is for you to know about the status of those imports. As this is an asynchronous process, the only way to do so is setting up a callback. You need to provide us with an endpoint on which we will POST the status of every video processing. The POST data will be a JSON file as the below:

```
{{"timestamp": 1407770138078,
 "type": "injector.item.ready",
 "data": {"status": "ready",
          "user_id": "528399c594a6f6616c1df20c",
          "uid": "3725074091001",
          "remote_id": "x23bz3t",
          "feed_id": "533c2d9094739902e64ff000",
          "item_id": "53e8ddf99473991dcf92ce47"}
}]
```

The logic you need to implement on your side is:

- Verify that the status is ready (if not, the injection has failed, please contact your contact manager with the full JSON response)
- Map the uid (which is the ID you provided in section 2.2) with the remote\_id (which is the Dailymotion new video ID)
- Remove the video from the MRSS video feed.



When you are done creating your endpoints, please send them to your content manager, so we can set them up. We need the following:

- ☐ User list URL (only one)
- ☐ Video MRSS URLs referenced in the user list (should be user-dependent)
- ☐ Callback URL (only one)