

Authorization Code Grant Flow

Overview

The Authorization Code Grant Flow (ACGF) is the flow we use for a dmp_core user to authorize a third-party application to access their dmp_core resources.

Note: This page is a stub for now and contains only notes on the ACGF, but a complete final page will be worked on in due course.

Notes

The doorkeeper authorization and authentication endpoints

Method	Path	Description	Example call
GET	/oauth/authorize	Returns an authorization code.	<code>curl GET <base_url>/oauth/authorize? \</code> <code>client_id=<client_id>& \</code> <code>response_type=code& \</code> <code>redirect_uri=<redirect_uri></code>
POST	/oauth/token	Returns an access token in exchange for the authorization code.	<code>curl -X POST <base_url>/oauth/token \</code> <code>-H "Content-Type: application/x-www-form-urlencoded" \</code> <code>-H "Accept: application/json" \</code> <code>-d "client_id: <client_id>" \</code> <code>-d "client_secret: <client_secret>" \</code> <code>-d "grant_type: authorization_code" \</code> <code>-d "code: <authorization_code>" \</code> <code>-d "redirect_uri: <redirect_uri>"</code>

Sources

- *The OAuth 2.0 Authorization Framework (RFC)*
 - *Section 4.1 Authorization Code Grant*
 - <https://datatracker.ietf.org/doc/html/rfc6749#section-4.1>
 - (this is the ACG documentation referred to by the doorkeeper gem)

