6.8.3 Example for Data Exchange Third-Party testing

Documentation for Data Exchange Third-Party API https://redmine.uscdcb.com/attachments/download/17776/WCP-5.2.5BE-WebconnectData-exchangeService-310122-2025(1).pdf

This documentation is a sample use case for "Get Animal 5-Generation Pedigrees" of ID/PEDIGREE with ID17s input file. See the complete available list of queries and input types here.

Get access token

Before we can access API, we must get an access token.

Follow instructions to get token 6.8.1 Third Party Testing Approach

Upload file and get file id

Step 1: Create a new Request:

- request URL: https://webconnect.uscdcb.com/api/data-exchange/
- upload-file method: POST

Step 2: Input the local input file

On the Body tab select:

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Step 3: Using the Select Files button to choose the local input file:

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Step 4: Make sure the request has the correct Authorization setup

- Type: Bearer TokenToken: this is the access token

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Step 5: Click Send.

The request will be processed. The system will return an id string representing the input file.

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Submit request

Step 1: Start the 3rd party client and create a new request

- request URL: https://webconnect.uscdcb.com/api/data-exchange/
 third-party method: POST

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Step 4: Input the JSON object into the Body of the request

- searchOption: this is the input type. This case is "ANIM_KEY_17".
 inputType: "FILE"
 input: this is id string represents the input file we get from upload file API.
 query: this case is "Get Animal 5-Generation Pedigrees"
 token: this is the access token

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Step 4: Make sure the request has the correct Authorization setup

- Type: Bearer TokenToken: <the same value as the JSON input>

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Step 6: Click Send the request

The system will trigger the query to run with selected inputs and the result will be returned

Step 7: Click Save Response > Save to a file on the result section to download the output JSON file.