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**FUNDER Dashboard Service API Documentation**

**V1 – August 2015**

This API documentation is intended to assist the user with understanding how the CHORUS Funder Dashboard Service delivers aggregated data and paths to actual articles, please see <http://www.chorusaccess.org/services/dashboard-service/> for more information regarding the Agency Dashboard Service.

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**Introduction:**

To use this document, you should be familiar with API concepts. All APIs return response as JSON by default. In case, response is need in XML format, the Content-Type of request header needs to be set to either text/xml or application/xml.

This API will only work for the FunderID's for those Funder Dashboards that were created.

Four APIs were created to return dashboard data.

**Funder Dashboard APIs:**

|  |  |  |
| --- | --- | --- |
| **API Endpoint** | **HTTP Method** | **Description** |
| /agencies/:id/histories | GET | Returns data of indicator history table |
| /agencies/:id/publishers | GET | Returns data of publisher breakdown table |
| /agencies/:id/histories/:yyyy/:mm/:dd | GET | Returns works associated with numbers displayed in indicator history table |
| /agencies/:id/publishers/:memberId | GET | Returns work records corresponding to numbers in publisher table |

**Funder Dashboard API Details:**

**API 1: For fetching the data of indicator history table**

**API Endpoint:** /agencies/:id/histories

**Method:** GET

**Parameters to be passed:**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| :id(*Required*) | URL | Funder Id of agency whose data is to be fetched |

**Headers:**

In order to request data in XML format, following header needs to be set for the API call:

'Content-Type: text/xml'

OR

'Content-Type: application/xml'

**Response Codes:**

|  |  |
| --- | --- |
| **Response Codes** | **Meaning** |
| 200 | Successful Request |
| 404 | Requested agency not found in dashboard database |
| 500 | Something went wrong with the server |

**Response:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| agency\_id | ID of agency/funder whose data was requested |
| agency\_name | Name of Agency |
| tallies | An array of object corresponding to all rows in indicator history table |

**Sample cURL requests:**

curl "https://api.chorusaccess.org/agencies/100000001/histories"

In case data is needed as XML:

curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/agencies/100000001/histories"

**API 2: For fetching the data of publisher breakdown table**

**API Endpoint:** /agencies/:id/publishers

**Method:** GET

**Note(s):** The parameters, headers, and response codes section for this API are the same as in API 1 above.

**Response:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| agency\_id | ID of agency/funder whose data was requested |
| agency\_name | Name of Agency |
| publishers | An array of object corresponding to all rows in publisher table |

**Sample cURL requests:**

curl "https://api.chorusaccess.org/agencies/100000001/publishers"

In case data is needed as XML:

curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/agencies/100000001/publishers"

**API 3: For fetching the works associated with numbers displayed in indicator history table**

**API Endpoint:** /agencies/:id/histories/:yyyy/:mm/:dd

**Method:** GET

**Note(s):** This API returns 50 records per request; setting limit query parameter to a higher value while making request can increase this limit. The headers and response codes section for this API are the same as in API 1 above.

**Parameters to be passed:**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| :id (*Required*) | URL | Funder Id of agency whose data is to be fetched |
| :yyyy (*Required*) | URL | Year of date of which data is to be fetched |
| :mm (*Required*) | URL | Month of date of which data is to be fetched |
| :dd (*Required*) | URL | Day of date of which data is to be fetched |
| category (*Optional*) | Query | This can be one all, publicly\_accessible, archive, license and total\_acceptable. Default value for this parameter is all |
| subcategory (*Optional*) | Query | This can be one of 'yes' or 'unknown'. If only category is passed as query parameter with request, subcategory defaults to 'yes' |
| limit (*Optional*) | Query | Number of records to be returned per request/page. Defaults to 50 |
| offset (*Optional*) | Query | Pagination offset. Default value is 0 |

**Response:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| agency\_id | ID of agency/funder whose data was requested |
| agency\_name | Name of Agency |
| breakdown\_for | Date whose data is requested |
| category | category parameter passed with request |
| subcategory | subcategory parameter that was passed with request |
| items | Array of work records |
| limit | Number of records requested |
| offset | Result offset |
| total\_results | Total number records matching the request |

**Sample cURL requests:**

curl "https://api.chorusaccess.org/agencies/100000161/histories/2015/2/23?category=archive&subcategory=yes&limit=100"

In case data is needed as XML:

curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/agencies/100000161/histories/2015/2/23?category=archive&subcategory=yes&limit=100"

**API 4: For fetching work records corresponding to numbers in publisher table**

**API Endpoint:** /agencies/:id/publishers/:memberId

**Method:** GET

**Note(s)**: This API returns 50 records per request; setting limit query parameter to a higher value while making request can increase this limit. The headers and response codes section for this API are the same as in API 1 above.

**Parameters to be passed:**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| :id (*Required*) | URL | Funder ID of agency whose data is to be fetched |
| :memberId (*Required*) | URL | Member id of publisher whose data is to be fetched |
| category (*Optional*) | Query | This can be one all, publicly\_accessible, archive, license and total\_acceptable. Default value for this parameter is all |
| subcategory (*Optional*) | Query | This can be one of 'yes' or 'unknown'. If only category is passed as query parameter with request, subcategory defaults to 'yes' |
| limit (*Optional*) | Query | Number of records to be returned per request/page. Defaults to 50 |
| offset (*Optional*) | Query | Pagination offset. Default value is 0 |

**Response:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| agency\_id | ID of agency/funder whose data was requested |
| agency\_name | Name of Agency |
| breakdown\_for | Publisher whose data is requested |
| category | category parameter passed with request |
| subcategory | subcategory parameter that was passed with request |
| items | Array of work records |
| limit | Number of records requested |
| offset | Result offset |
| total\_results | Total number records matching the request |

**Sample cURL requests:**

curl "https://api.chorusaccess.org/agencies/100000161/publishers/16?category=publicly\_accessible&subcategory=yes"

In case data is needed as XML:

curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/agencies/100000161/publishers/16?category=publicly\_accessible&subcategory=yes"

**Change Log:**

|  |  |  |
| --- | --- | --- |
| Revisions Date | Change | Reason for change |
|  |  |  |

**Change Notification Process:**

Changes and/or updates will be communicated by notifying the technical representative noted in the CHORUS participant account details.

**Issues/questions:**

If a bug is found in this documentation or would like to propose an improvement, please send an email to (support@chorusaccess.org). If you have a suggestion how to fix it, include that as well.

**FAQ - TBC**