PUBLISHER DASHBOARD SERVICE API
V 1.0, October 2015

Purpose:

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

Basic Mechanism:

To use this document, you should be familiar with API concepts. All APIs return response as JSON by default. In case a response is need in XML the Content-Type of the 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.

Publisher Dashboard Service APIs:

8 APIs were created to return dashboard data. Of these APIs, four are for the agency dashboard and four are for the publisher dashboard.

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

API 1: For fetching the data of indicator history table

URL:
GET https://api.chorusaccess.org/publishers/:id/histories

Note: The headers and response codes section for this API are the same as in API 1 of the agency dashboard.

Parameters to be passed:

Parameter	Type	Description
:id(*Required*)	URL	Member ID of publisher whose data is to be fetched

Response:
- member_id – Member Id of publisher whose data is to be fetched
- publisher – Name of Publisher
- tallies – An array of object corresponding to all rows in indicator history table

Example cURL requests:
curl -H "https://api.chorusaccess.org/publishers/16/histories"
In case data is needed as XML:
curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/publishers/16/histories"

Sample Response:

```
{
"member_id": 16,
"publisher": "American Physical Society (APS)",
"tallies": [
{
"date": "10/14/2015",
"total_works": 19964,
"publicly_accessible_yes": 12708,
"publicly_accessible_unknown": 7256,
"reuse_terms_available_yes": 19960,
"reuse_terms_available_unknown": 4,
"archived_yes": 17851,
"archived_unknown": 2113,
"acceptable_overall": 12269
}
]
}
```

API 2: For fetching the data of agency breakdown table

URL:
GET https://api.chorusaccess.org/publishers/:id/agencies

Note: The headers and response codes section for this API are the same as in API 1 of the agency dashboard.

Parameters to be passed:

Parameter	Type	Description
:id(*Required*)	URL	Member ID of publisher whose data is to be fetched

Response:
- member_id – Member ID of publisher whose data is requested
- publisher – Name of Publisher
- agencies – An array of object corresponding to all rows in agency table

Example cURL requests:
curl -H "https://api.chorusaccess.org/publishers/16/agencies"
In case data is needed as XML:
curl -H "Content-Type: text/xml" "https://api.chorusaccess.org/publishers/16/agencies"

Sample Response:

```
{
"member_id": 16,
"publisher": "American Physical Society (APS)",
"agencies": [
{
"name": "National Science Foundation",
"total_works": 12372,
"publicly_accessible_yes": 7886,
"publicly_accessible_unknown": 4486,
"reuse_terms_available_yes": 12368,
"reuse_terms_available_unknown": 4,
"archived_yes": 11135,
"archived_unknown": 1237,
"acceptable_overall": 7661
}
]
}
```

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

URL:
GET https://api.chorusaccess.org/publishers/:id/histories/:yyyy/:mm/:dd

Note: The headers and response codes section for this API are the same as in API 1 of the agency dashboard. This API returns 50 records per request. This limit can be increased by setting limit query parameter to a higher value while making request.

Parameters to be passed:

Parameter	Type	Description
:id (*Required*)	URL	Member ID for publisher 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 of, 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:
- member_id – Member ID of publisher whose data was requested
- publisher – Name of Publisher
- 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

Example cURL requests:
curl
"https://api.chorusaccess.org/publishers/16/histories/2015/7/2?category=publicly_access ible&subcategory=yes"
In case data is needed as XML:
curl -H "Content-Type: text/xml"
"https://api.chorusaccess.org/publishers/16/histories/2015/7/2?category=publicly_access ible&subcategory=yes"

Sample Response:

```
{
"member_id": 16,
"publisher": "American Physical Society (APS)",
"breakdown_for": "2015/7/2",
"category": "publicly_accessible",
"subcategory": "yes",
"items": [
{
"DOI": "10.1103/physreva.83.012301",
"agencies": "NSF",
"authors": [
"Byrd Mark S.",
"Bishop C. Allen",
"Ou Yong-Cheng"
],
"title": "General open-system quantum evolution in terms of affine maps of the polarization vector",
"journal_name": "Physical Review A",
"audited_on": "10/29/2014",
"publicly_accessible_date": "1/11/2011"
}
],
"limit": 1,
"offset": 0,
"total_results": 12103
}
```

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

URL:
GET https://api.chorusaccess.org/publishers/:id/agencies/:agencyId

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

Parameters to be passed:

Parameter	Type	Description
:id (*Required*)	URL	Member ID of publisher whose data is to be fetched
:agencyId (*Required*)	URL	Id of agency 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:
- member_id – Member Id of publisher whose data was requested
- publisher – Name of Publisher
- breakdown_for – Agency 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

Example cURL requests:
curl
"https://api.chorusaccess.org/publishers/16/agencies/100000001?category=license&subcategory=yes"
In case data is needed as XML:
curl -H "Content-Type: text/xml"
"https://api.chorusaccess.org/publishers/16/agencies/100000001?category=license&subcategory=yes"

Sample Response:

```
{
"member_id": 16,
"publisher": "American Physical Society (APS)",
"breakdown_for": "National Science Foundation",
"category": "license",
"subcategory": "yes",
"items": [
{
"DOI": "10.1103/physreva.83.012301",
"URL": "http://dx.doi.org/10.1103/physreva.83.012301",
"publisher": "American Physical Society (APS)",
"authors": [
"Byrd Mark S.",
"Bishop C. Allen",
"Ou Yong-Cheng"
],
"title": "General open-system quantum evolution in terms of affine maps of the polarization vector",
"journal_name": "Physical Review A",
"audited_on": "10/29/2014"
}
],
"limit": 1,
"offset": 0,
"total_results": 12368
}
```

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