



## HARVESTER AGENCY MEMBER DETAILS API

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### **Purpose:**

The CHORUS membership agreement states that members must

*“Permit the publicly accessible AM or VOR, or a VOR behind a paywall, to be available for indexing from the date of publication by Participating Funding Agencies.”*

For each article made publicly accessible under CHORUS, publishers must deposit into CrossRef an appropriate URL for the purpose (see the CHORUS Implementation Guide for details) of harvesting content. Publishers often separate syndication or harvesting traffic from their usual website traffic to avoid issues with subscription download statistics, automated systematic downloading monitors, and server loads. In addition, publishers desire a clear method for identifying specific requests coming from a particular funding agency. While IP authentication can serve this purpose, IP's can change and part of CHORUS' goal is to minimize the overhead of coordination among funding agencies and publishers. This document describes an alternative, token-based method for authorizing agency access to publisher content.

## 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 is intended for use in harvesting data from Agencies with dashboards; Sub-Agencies without a dashboard will not come up using <https://api.chorusaccess.org/multi-agency/stats> delivers.

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

The harvester scheme involves the following elements:

- CHORUS will issue a login to each funding agency CHORUS Partner. This process is, at least for now, envisioned to be a manual process through an admin tool.
- Funders will enter the IP number(s) of the harvester they will use. The IP number(s) will show the agency crawler IP(s) which each agency will use to crawl/access Publishers sites to get content. This is tied to the token-based functionality described in the associated Token based API specification.
- Funders will enter their agency submission URL(s). The URL(s) will be the URL for each agency manuscript submission system. You will be able to query this API to view the URL(s) for a specific funding agency or for all funding agencies that have partnered with CHORUS.

## Fields

- **agency\_name** – String Value giving the full name of the Agency/Funder based on IP address or agency/funder ID submitted via API call
- **agency\_id** – String value which shows the fully qualified DOI for the FundRef ID of the agency or sub-organization which was issued the token
- **agent\_for** – Array of string values of all agencies that are part of the overall parent Funder
- **harvester\_ips** – Array of string values of all agencies IP addresses added to CHORUS

- **manuscript\_submission\_url** – Array of string value of Agency Manuscript Submission URL

## Harvester Agency Member Details API:

Description: This API is provided by CHORUS to be used by publishers to get the funding agency harvester ip(s) and funding agency manuscript submission url(s). It is meant for main Agency members, not Sub-Agencies.

URL:

GET <https://api.chorusaccess.org/agency/get-harvester-data>

Expected query parameters: 'harvester\_ip' or 'funder\_id' (It is necessary to pass one of these parameters, otherwise 400 error will be returned)

### Example API calls:

[https://api.chorusaccess.org/agency/get-harvester-data?harvester\\_ip=192.0.2.16](https://api.chorusaccess.org/agency/get-harvester-data?harvester_ip=192.0.2.16)

[https://api.chorusaccess.org/agency/get-harvester-data?funder\\_id=100000001](https://api.chorusaccess.org/agency/get-harvester-data?funder_id=100000001)

**Note(s):** If both harvester\_ip and funder\_id are passed as parameters, priority will be given to funder\_id and the data for corresponding funder will be returned.

### Response Statuses:

200 – Successful request

400 – If none of the parameters (harvester\_ip or funder\_id) are passed as parameters with the request

404 – If the passed harvester\_ip or funder\_id does not exist in the CHORUS database

500 – Server Error

**Note(s):** JSON object with following in fields: agency\_name, agency\_id, agent\_for, harvester\_ips, manuscript\_submission\_url

### Example CURL requests:

```
curl --data 'harvester_ip=192.0.2.16' https://api.chorusaccess.org/agency/get-harvester-data
```

```
curl --data 'funder_id=100000001' https://api.chorusaccess.org/agency/get-harvester-data
```

### Sample Response:

```
{
  agency_name: "National Institute of Standards and Technology",
  agency_id: "http://dx.doi.org/10.13039/100000161",
  agent_for:
  [
    "http://dx.doi.org/10.13039/100007761",
    "http://dx.doi.org/10.13039/100007763",
    "http://dx.doi.org/10.13039/100007762",
    "http://dx.doi.org/10.13039/100007764",
    "http://dx.doi.org/10.13039/100007767",
    "http://dx.doi.org/10.13039/100007769",
    "http://dx.doi.org/10.13039/100007768"
  ],
  harvester_ips:
  [
    "194.56.76.4",
    "194.56.86.4"
  ],
  manuscript_submission_url: "www.nistmanuscripts.org"
}
```

### 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](mailto:support@chorusaccess.org)). If you have a suggestion how to fix it, include that as well.