

Datastore and IATI Validator

Members Assembly
12.09.19

Overview of the Datastore

IATI Datastore

The IATI Datastore provides data on development and humanitarian spending and projects that address poverty and crises across the world.

Find data published by organisations from governments, development finance institutions and UN agencies to NGOs, foundations and the private sector. They have published data according to the IATI Standard, our set of rules and guidance for sharing useful, open data.

Access data through using the Datastore's API or Query Builder.

[Query Builder](#) →

About Datastore

The IATI Datastore holds datafiles published on development and humanitarian activities according to version 2 of the IATI Standard. The Datastore is primarily aimed at data literate users who want to query the content of IATI Activity and Organisation datafiles in a single place.

[More](#) →

Query Builder

Use the Query Builder to easily search IATI data based on selected filters and have it returned in spreadsheet (CSV or XLS), JSON and XML formats.

[More](#) →

Documentation

For guidance on how to form API queries and the available endpoints and filters please see the OIPA's technical documentation.

To see the open source code for the IATI Datastore please see....

[More](#) →

Datastore: access to all IATI data

- **Access to all IATI data available from the Registry**
- **API endpoints as data doors to all IATI data available**
- **Access to both activity and organisation data**
- **IATI data offered in JSON, XML, CSV and XLS formats**
- **Access to original unmodified XML data**
- **Query Builder: DIY data extraction for re-use**
- **Well documented**

Datastore API

Datastore API

- **Access all IATI data using (data) endpoints:**
 - **Activity lists, detail and transactions**
 - **Dataset list**
 - **Budget lists**
 - **Locations lists**
 - **Organisation lists**
 - **Transactions lists**

Datastore Query Builder

Query builder

This tool allows you to build common queries to obtain data from the IATI Datastore in CSV, XML and JSON format. You create queries based on finding the organisations, and then be configured filter the published data down to what you need and elements you want to include in your export. You find an example data table snippet of your query and your download link in the bottom section.

Core Filters	Additional Filters	Output Format	Results
Reporting Organisation All organisations E.g. AT-12 = Ministry of Interior. See list			
Type of Organisation All organisation types Code List	Secondary Publisher? Choose		
Sector Category All categories DAC 3 digit	Sector All sectors DAC 5 digit		
Recipient Country All countries			
Recipient Region All regions			
Must have activity periode No	Activity period start date 01/01/2001	Activity period end date 01/01/2001	

Datastore Query Builder

- **Access all IATI data using a DIY webtool**
 - **3 easy steps for data extraction**
 - **download your results in JSON, XML, CSV or XLS**

Datastore Documentation

Search

H6 Header

Subtitle 1, Color Active

Subtitle 1, color Medium

Subtitle 1, Medium

H6 Header

Subtitle 1, color Medium

Subtitle 1, color Medium

Subtitle 1, color Medium

H6 Header

[Body 2, medium] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Brand base, color for links



Endpoints paths

If using a standard user's user token, only messages posted by that user, or those posted as the app, may be deleted.

```
{
  "ok": false,
  "error": "cant_update_message"
}
```

The response includes the `ts` properties of the updated message so clients can keep their local copies of the message in sync.

Errors

This table lists the expected errors that this method could return. However, other errors can be returned in the case where the service is down or other unexpected factors affect processing.

List	Description
<code>message_not_found</code>	No message exists with the requested timestamp.

HTTP PHP

```
// Comment

POST https://slack.com/api/chat.delete
Content-type: application/json
Authorization: Bearer YOUR_TOKEN_HERE

Links:
{
  "ok": true,
  "channel": "C024BE91L",
  "ts": "1401383885.000061",
  "text": "Updated text you carefully authored"
}

Properties:
POST https://slack.com/api/chat.delete
Content-type: application/json
Authorization: Bearer YOUR_TOKEN_HERE
{
  "channel": "PARENT_CHANNEL_ID",
  "ts": "MESSAGE_TO_DELETE"
}
```

currently docs @ <https://docs.oipa.nl/>

Datastore launch plan: a 3-phased approach

Phase 1: public testing of API and Query Builder

- **Until October 14th the Datastore is in a testing phase, for the first month API only and for the second month the query builder**
- **We encourage our community to use the tool, test it and feed back to us**
- **We advise *against* any migration to the new tool and its use in production**

Phase 2: real life use and customer support

- *Phase 2* starts and lasts until the end of the original Datastore's life cycle, at least 5 months
- *Temporary* redirects will be put in place to facilitate the upgrade without disruptions
- Customer support, upgrade guide, API call examples will be provided by the Tech Team during these transition months
- Redirects will be temporary until *Phase 3* begins

Phase 3: end of original Datastore support

- **Redirects will be removed**
- **Original Datastore will be dismissed**
- **Full use of the new Datastore**

Overview of the IATI Validator

New validation added

IATI Technical

Valid XML: schema compliance

1

IATI Documentation

Guidelines and requirements: captured in a ruleset

2

**IATI
Validator**

IATI Validator

The IATI Validator is an online tool for checking if data complies with the rules and guidance of IATI Standard. It allows users to check and improve the quality of IATI data to ensure it is accessible and useful to anyone working with data on development and humanitarian resources and results.

Validate your IATI file

Check your IATI file.

- Upload your IATI file.
- Get feedback on the validation of your data.
- Ready.

VALIDATE FILE

Public data viewer

See validation feedback on published IATI files.

- Find an organisation.
- See the IATI files published by the organisation.
- Get validation results of an IATI file.

BROWSE PUBLIC IATI DATA

IATI Validator

Organisations

Found 1045 organisations.

Aapasi Sahayog Kendra Syangja Nepal (ASK Nepal)
Aasaman Nepal
ABAAD - Resource Center for Gender Equality
Abaseen Foundation UK
AbleChildAfrica
Abt Associates Inc
Académie de recherche et d'enseignement supérieur
Academy for Health Development (AHEAD)
Accelerator Nepal
Access to Medicine Foundation
Access to Seeds Foundation
Accountability Lab
Acid Survivors Foundation
ACODEV
Across
act4africa
ACTED
ACTION AGAINST HUNGER SPAIN
Action Against Hunger UK
Action Against Hunger USA
ActionAid Denmark (Mellempfolkeligt Samvirke)
ActionAid International
ACTIONAID INTERNATIONAL KENYA
ActionAid Rwanda
ActionAid UK
Acumen
Adam Smith International
Adaptation Fund

IATI Validator

European Commission - Directorate-General for International Cooperation and Development



Description

The European Commission's Directorate-General for International Cooperation and Development (DG DEVCO) designs European international cooperation and development policy and delivers aid throughout the world.

Published IATI data

IATI files in the Registry

Version: Current

File name	Last downloaded	Report available
ec-devco-189.xml	2019-07-29 11:49 (GMT+2)	Data Quality Report (click to view)
ec-devco-289.xml	2019-07-29 11:50 (GMT+2)	Data Quality Report (click to view)
ec-devco-298.xml	2019-07-29 11:51 (GMT+2)	Data Quality Report (click to view)
ec-devco-380.xml	2019-07-29 11:51 (GMT+2)	Data Quality Report (click to view)
ec-devco-389.xml	2019-07-29 11:49 (GMT+2)	Data Quality Report (click to view)
ec-devco-489.xml	2019-07-29 11:50 (GMT+2)	Data Quality Report (click to view)
ec-devco-498.xml	2019-07-29 11:49 (GMT+2)	Data Quality Report (click to view)
ec-devco-589.xml	2019-07-29 11:51 (GMT+2)	Data Quality Report (click to view)
ec-devco-619.xml	2019-07-29 11:51 (GMT+2)	Data Quality Report (click to view)
ec-devco-679.xml	2019-07-29 11:50 (GMT+2)	Data Quality Report (click to view)

IATI Validator

IATI Validator

European Commission - Directorate-General for International Cooperation and Development - ec-devco-189.xml

Rules version: 0.12.5 | IATI version: 2.02 | Type: iati-activities

Filters

Messages	Click to show or hide individual messages.
1 Critical	<input checked="" type="checkbox"/>
22 Errors	<input checked="" type="checkbox"/>

Category	
157 Participating organisations	<input checked="" type="checkbox"/>
300 Geopolitical information	<input checked="" type="checkbox"/>
1571 Classifications	<input checked="" type="checkbox"/>
1034 Financial	<input checked="" type="checkbox"/>
16 Basic activity information	<input checked="" type="checkbox"/>
1 IATI file	<input checked="" type="checkbox"/>

Feedback

Activity file feedback

1 0 0 0 0 icon arrow down

IATI file

The file is not a valid IATI file. The raw feedback from schema validation:
(0.3.1)

Feedback per activity

Collapse/Expand all activities

MED/2006/018-262-SAFEMED II

XI-IATI-EC_DEVCO-2006/18262/0 18 icon arrow down

Participating organisations

The identifier must not contain any of the symbols /, &, | or ?. (1.8.13)
◦ In participating-org N/A (role 4)

Geopolitical information

The recipient country code is invalid. (9.50.1)

Percentages are missing for one or more recipient countries or regions. (3.4.1)

Classifications

IATI Validator

IATI Validator

European Commission - Directorate-General for International Cooperation and Development - ec-devco-189.xml

Rules version: 0.12.5 | IATI version: 2.02 | Type: iati-activities

Filters

Messages	Click to show or hide individual messages.
1 Critical	<input checked="" type="checkbox"/>
22 Errors	<input checked="" type="checkbox"/>
Errors make it hard or impossible to use the data. Unselect all	
1350 The policy marker vocabulary is invalid.	<input checked="" type="checkbox"/>
502 The recipient country code is invalid.	<input checked="" type="checkbox"/>
150 The identifier must not contain any of the symbols /, &, or ?.	<input checked="" type="checkbox"/>
150 The recipient country code is invalid.	<input checked="" type="checkbox"/>
150 Percentages are missing for one or more recipient countries or regions.	<input checked="" type="checkbox"/>
150 Sectors are present at both the activity AND transaction level. Sectors should only be present at activity OR transaction level.	<input checked="" type="checkbox"/>
150 Budget Value must include a Value Date.	<input checked="" type="checkbox"/>
150 If the activity has recipient-country or recipient-region information, none of the transactions should have a recipient-country or recipient-region.	<input checked="" type="checkbox"/>
97 The budget period must not be longer than a year.	<input checked="" type="checkbox"/>
78 The tied status code is invalid.	<input checked="" type="checkbox"/>

Feedback

Activity file feedback 1 0 0 0 0

IATI file

The file is not a valid IATI file. The raw feedback from schema validation: (0.3.1)

Feedback per activity Collapse/Expand all activities

MED/2006/018-262-SAFEMED II XI-IATI-EC_DEVCO-2006/18262/0 18

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Classifications

European Commission - Directorate-General for International Cooperation and Development

[About IATI Publisher](#) | [About this data](#) | [About data quality](#)

PROJECT TITLE

MED/2006/018-262-SAFEMED II

Reported by [European Commission - Directorate-General for International Cooperation and Development](#)

IATI IDENTIFIER [XI-IATI-EC_DEVCO-2006/18262/0](#)

[VIEW SOURCE XML](#)

[VIEW DATASET LOGS](#)

[VIEW IATI REGISTRY DATASET](#)

PLANNED START DATE **2014-05-05**

ACTUAL START DATE **2008-12-31**

ACTUAL END DATE **2011-12-30**

WHO'S INVOLVED? (4)

PUBLIC SECTOR INSTITUTIONS [Implementing](#) [Government](#) [N/A](#)

[European Commission - Directorate-General for International Cooperation and Development \(DEVCO\)](#) [Extending](#) [Other](#)

[Public Sector](#) [XI-IATI-EC_DEVCO](#)

PUBLIC SECTOR INSTITUTIONS [Accountable](#) [10000](#)

[European Commission - Directorate-General for International Cooperation and Development \(DEVCO\)](#) [Funding](#) [Other Public](#)

[Sector](#) [XI-IATI-EC_DEVCO](#)

GENERAL

IATI Validator

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[BROWSE PUBLIC IATI DATA](#)

IATI Validator

Validate your IATI files

Upload your IATI file and receive feedback on the quality of the file.

Step 1. Select your IATI file.

Browse...

146.xml

Step 2. Upload your IATI file.

File: 146.xml

UPLOAD FILE

Step 3. Start validation.

START VALIDATION

IATI Validator

Results validation IATI file

Bookmark this page to return to your results.

Your personal url is: <https://validator.iatistandard.org/validate/ad55b30c-afca-4bf8-9930-809149d535cc>

[Copy url](#)

File name	Uploaded	Report status
147.xml	2019-09-05 17:18 (GMT+2)	File uploaded

Validator launch plan: a 3-phased approach

Phase 1: public testing the validator

- For the first month the validator will be launched in a testing phase
- Webinar led by the tech team showing people how the validator works
- We encourage our community to use the tool, test it and feed back to us
- At this stage there will still be some features (like bulk uploads) that are not yet available

Phase 2: real life use and customer support

- *Addressing feedback and fixing issues that have been reported in Phase 1*
- *Second webinar from the tech team demonstrating the tool and informing people of how to use the validator to improve their data*
- There will be updates made to publisher guidance
- IATI Tech Team will be available to support publishers as required
- Old IATI validator is deprecated

Phase 3: validator is integrated with datastore and additional features added

- Validator will be integrated with the datastore to offer its Schema and Ruleset validation engine
- Datastore's output datasets can then have validation results associated with them and users will be able to filter through them
- Validator will have a bulk upload feature where a user can request to be emailed once it has finished validating all files

Q & A

Datastore query builder demo

Thank you!