



UNITED STATES INTERNATIONAL TRADE COMMISSION

Office of the Chief Information Officer

Web Service Guide

EDIS Data Web Service User Guide

Contents

- Introduction4**
- Audience4**
- Scope4**
- EDIS Data Web Service (EDWS).....4**
 - Pagination 4
 - Query Parameters 5
 - Errors..... 5
 - Methods..... 5
 - Authentication 5
 - Investigations 6
 - URI Structure..... 6
 - Optional Query Parameters 6
 - Pagination 6
 - Request Example..... 7
 - Results Example 7
 - Document..... 8
 - URI Structure..... 8
 - Optional Query Parameters 8
 - Pagination 8
 - Request Example..... 8
 - Results Example 9
 - Attachment Metadata 10
 - URI Structure..... 10
 - Optional Query Parameters 10
 - Pagination 10
 - Request Example..... 10
 - Results Example 10
 - Attachment Document 11
 - Optional Query Parameters 11
 - Pagination 11

Request Example..... 11
Results Example 11
Document History12

Introduction

To support Open Data Government initiatives, the Electronic Document Information System (EDIS) provides an interface to extract investigation, document, and attachment metadata and attachment Adobe Acrobat PDF files. EDIS uses a Representational State Transfer (RESTful) web service API to provide this data.

Audience

The audience for this document is anyone with an EDIS account who wishes to perform data extraction in EDIS.

Scope

This document provides guidelines for EDIS data extraction.

EDIS Data Web Service (EDWS)

The base URL for all calls to the EDIS Web Service (EDWS) is:

<https://edis.usitc.gov/data>

Currently, EDWS will only return data in XML format EDWS.

For complete explanations of EDIS data elements used in the EDWS, please refer to the [EDIS User Guide](#). It is available on EDIS under Support – Help Documents Library.

Pagination

Certain methods will return up to 100 resources per request. These methods utilize a pageNumber parameter to control which page of resources will be returned. For example:

`http://edis.usitc.gov/data.someMethod?pageNumber=2`

This will return the 2nd page of results for “someMethod”. This would include the 101st resource through the 200th resource, if available. If the method called does not have any available resources in that range, the results returned will be empty.

Query Parameters

Query Parameter	Notes
pageNumber	Controls which page of resources the method will return. If left unspecified, pageNumber will default to 1.

Errors

When an EDWS request generates an error, the EDWS will return a 500 HTTP Status code response. The response body will include additional information in the follow form:

```
<errors>
  <Error>Details about error conditions </error>
</errors>
```

Methods

URIs listed below may include parameters embedded as URI path elements. For notation in this guide, parameters are identified with {}, for example:

<https://edis.usitc.gov/data/someMethod/{parameterEmbeddedInPath}>

Authentication

The EDWS allows users to request API methods anonymously. However, anonymous requests have access to a limited set of data. At the time of publishing this guide, anonymous access is currently limited in the following ways:

- Can only access metadata for public, limited, and confidential documents
- Can only access metadata for public, limited, and confidential attachments
- Cannot download any attachments

Please note that these limitations can change without notice.

If an EDWS request includes valid authentication information, the EDWS request will be executed with the user’s full set of authorizations.

The EDWS authentication is based on a valid EDIS (<https://edis.usitc.gov>) user account and requires users to generate an "API Token" via the EDIS web application.

To generate the "API Token", a user must authenticate to EDIS via the web application and access the "API Token Generator" link found in the dropdown beneath their user name.

The token generated is then used in future requests to the EDWS to represent the client as the user who generated the token. To use the token, cut and paste the value from the "API Token Generator" and append it to the "Authorization: Bearer" HTTP Request header.

Authorization: Bearer <generated API Token>

NOTE: Tokens do expire. Once expired, the user must return to the application to generate a new token. The length of the expiry period will be posted on the EDIS Support page.

Investigations

The following URIs return a list of investigations.

URI Structure

URI	Method	Notes
/investigation	GET	Active EDIS login username
/investigation/{investigationNumber}	GET	Returns a list of investigations with a matching investigation number.
/investigation/{investigation number}/{investigationPhase}	GET	Returns a list of investigations with a matching investigation number and investigation phase.

Optional Query Parameters

Query Parameter	Notes
investigationType	Entire string for investigationType must be specified, such as Industry%20and%20Economic%20Analysis
investigationStatus	Values are Preinstitution, Active, Inactive, Cancelled.

Pagination

Supports pagination.

Request Example

Example: Find investigations with an investigation number of 731-1103:

<https://edis.usitc.gov/data/investigation/731-1103>

Example: Find investigation 731-1103 Final phase:

<https://edis.usitc.gov/data/investigation/731-1103/final>

Examples: Find all active investigations:

<https://edis.usitc.gov/data/investigation?investigationstatus=Active>

Results Example

```
<results>
  <investigations>
    <investigation>
      <investigationNumber>111-123</investigationNumber>
      <investigationPhase>Final</investigationPhase>
      <investigationStatus>Active</investigationStatus>
      <investigationTitle>Certain RESTful Web
      Services</investigationTitle>
      <investigationType>Import Injury</investigationType>
      <documentListUri>
        https://edis.usitc.gov/data/document?investigationNumber=111-
        123&investigationPhase=Final
      </documentListUri>
    </investigation>
    <investigation>...</investigation>
  </investigations>
</results>
```

Result Element	Notes
investigationNumber	such as 337-406
investigationPhase	such as Violation, Preliminary, Final, Review2
investigationStatus	such as PreInstitution, Active, Inactive, Cancelled
investigationTitle	Investigation Title associated with the Investigation Number
investigationType	such as Import Injury, Sec 337, Industry and Economic Analysis, Byrd Amendment, Rule Making, or Tariff Affairs & Trade Agreements.
documentListUri	provides the URI that returns document data for a given investigation

Document

The following URIs return a list of documents.

URI Structure

URI	Method	Notes
/document	GET	
/document/{documentId}	GET	Returns a single document with a matching document ID.

Optional Query Parameters

Query Parameter	Notes
investigationNumber	Investigation number in EDIS format can be specified. Partial InvestigationNumbers may be specified.
investigationPhase	Specify any EDIS investigationPhase such as Review2
documentType	The complete documentType must be specified. Partial strings are not allowed.
firmOrg	Any words of the complete Firm Organization name may be provided. Each word is treated as an OR search.
securityLevel	Enter an EDIS security level such as Public to retrieve only Public metadata

Pagination

Supports pagination.

Request Example

Example: Find the second set of 100 document resources in investigation 731-1103 Final:

```
https://edis.usitc.gov/data/document?investigationNumber=731-1103&investigationPhase=Final&pagenumber=2
```

Example: Find all documents that are of document type 'Questionnaire – Purchaser':

```
https://edis.usitc.gov/data/document?documentType=Questionnaire%20-%20Purchaser
```

Example: Find documents in 731-1103 with document type of 'Questionnaire – Purchaser':

https://edis.usitc.gov/data/document?investigationNumber=731-1103&documentType=Questionnaire%20-%20Purchaser

Results Example

```
<results>
  <documents>
    <document>
      <id>111112</id>
      <documentType>Other</documentType>
      <documentTitle>RESTful Pre-Trial Statement</documentTitle>
      <securityLevel>Confidential</securityLevel>
      <investigationNumber>111-123</investigationNumber>
      <investigationPhase>Final</investigationPhase>
      <investigationStatus>Active</investigationStatus>
      <investigationTitle>Certain RESTful Web
      Services</investigationTitle>
      <investigationType>Import Injury</investigationType>
      <firmOrganization>Ruggles and Ruggles</firmOrganization>
      <filedBy>Ray Guy</filedBy>
      <onBehalfOf>RESTful Enterprises, Ltd.</onBehalfOf>
      <documentDate>2005-01-25 00:00:00.0</documentDate>
      <officialReceivedDate>2005-01-25
      00:00:00.0</officialReceivedDate>
      <attachmentListUri>https://edis.usitc.gov/data/attachment/111112<
      /attachmentListUri>
    </document>
    <document>...</document>
  </documents>
</results>
```

Result Element	Notes
id	unique ID number for the document in EDIS
documentType	identifies the type of document, such as 'Action Request' or 'Correspondence – USITC'
documentTitle	
securityLevel	identifies the security level of the document
investigationNumber	such as 337-406
investigationPhase	such as Violation, Preliminary, Final
investigationStatus	such as PreInstitution, Active, Inactive, Cancelled
investigationTitle	Investigation Title associated with the Investigation Number
investigationType	such as Import Injury, Sec 337, Industry and Economic Analysis, Byrd Amendment and Rule Making
firmOrganization	name of the Firm filing the document

filedBy	attorney filing the document
onBehalfOf	Company being represented on the filing; or the Office for internal USITC filings
documentDate	date the document was authored or signed
officialReceivedDate	date the document was provided to the USITC Dockets Office
attachmentListUri	provides the URI that returns attachment data for the given investigation

Attachment Metadata

The following URI returns a list of attachments.

URI Structure

URI	Method	Notes
/attachment/{documentId}	GET	Returns attachment data for a document with a matching document ID.

Optional Query Parameters

None

Pagination

Does not support pagination.

Request Example

<https://edis.usitc.gov/data/attachment/111112>

Results Example

```
<results>
  <attachments>
    <attachment>
      <id>654321</id>
      <documentId>111112</documentId>
      <title>RESTful Q&A</title>
      <fileSize>8112</fileSize>
      <originalFileName>\\mopey\prodimages\a7f\61BAF6</originalFileName>
    </attachment>
    <attachment>...</attachment>
  </attachments>
```

</results>

Result Element	Notes
Id	unique ID number for the attachment in EDIS
documentId	unique ID number for the document in EDIS that the attachment is associated with
title	Attachment title
fileSize	Size of the attachment's PDF document in bytes
originalFileName	Filename as uploaded into EDIS.
pageCount	Pages in the attachment
createDate	Original upload date
lastModifiedDate	Last file edit date. This may indicate the time the file was OCR'd, not necessarily last textual edit of the content.
downloadUri	provides the URI that returns the attachment's PDF document

Attachment Document

The following URI returns the PDF for the given attachment.

Optional Query Parameters

None

Pagination

Does not support pagination.

Request Example

The authorization string must be submitted for these requests.

Results Example

NA. Results are a stream of "application/pdf" bytes.

Document History

Prepared/Modified By	Version	Date of Revision	Description
Sue Tillery	1.0	9/13/2010	Initial EDIS Web Service User Guide
Lisa Richardson-Smith	1.1	6/5/2024	Updated description of authentication method for the EDWS and other formatting updates