

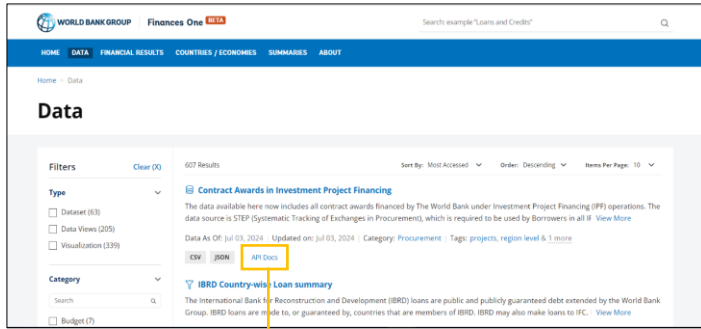
Finances One

API Documentation: Quick Reference Guide

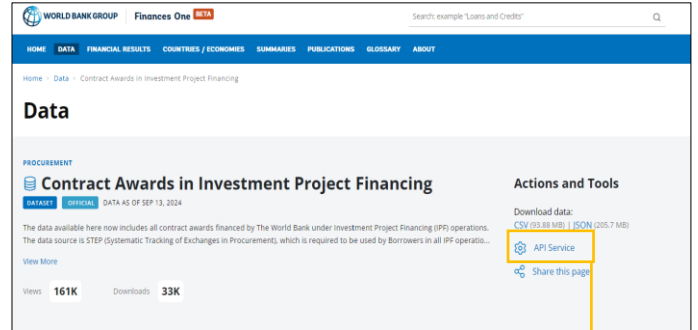
The World Bank Group

1. How to Use API Service

Step 1: Access the API Docs from the Data List Page or API Service from the Data Details Page



Click "API Docs"



Click "API Service"

Step 2: Add input values in 'Parameters' and 'Execute' in the API page.

i. Select the "API" Page

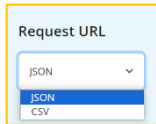
ii. Add input value for the parameters.

Example: "2018" for Fiscal Year parameter and "Lebanon" for Borrower Country/ Economy

iii. Click "View More" to expand all parameters in the dataset.

iv. Click "Execute" once all parameter values are entered.

v. Choose the Request URL option.



API Explorer

PROCUREMENT
Contract Awards in Investment Project Financing
DATA AS OF SEP 13, 2024

The data available here now includes all contract awards financed by The World Bank under Investment Project Financing (IPF) operations. The data source is STEP (Systematic Tracking of Exchanges in Procurement), which is required to be used by Borrowers in all IPF operations subject to the World Bank's Procurement Regulations. Data is entered by Borrowers. "Supplier Country" represents...

[View More](#)

Parameters

PARAMETER	VALUE	DESCRIPTION	API FIELD NAME	DATA TYPE
As of Date	<input type="text"/>	Represents the date when this snapshot was taken.	as_of_date	DATE
Fiscal Year	<input type="text" value="2018"/>	The fiscal year begins on July 1st of the previous year and runs through June 30th of the designated year.	fiscal_year	NUMBER
Region	<input type="text"/>	Country / Economy lending is grouped into regions based on the current World Bank administrative (rather than geographic) region where project implementation takes place. The Other Region is used for loans to the IFC.	region	STRING
Borrower Country / Economy	<input type="text" value="Lebanon"/>	Country / Economy to which loan or credit has been issued. Loans to the IFC are included under the country / economy "World".	borrower_country	STRING
Borrower Country / Economy Code	<input type="text"/>	Country / Economy Code according to the World Bank country / economy list. Might be different from the ISO country / economy code.	borrower_country_code	STRING

[View More](#)

Please Note:

- This API will support up to a maximum of 1000 records per request / page.
- The date format for all date fields should be DD/MM/YYYY.
- Selection is limited to a single parameter only. Eg (Country = India).

Actions: EXECUTE, RESET, HIDE RESPONSE

Request URL: [Copy](#)

Response Body:

```
{
  "count": 39,
  "data": [
    {
      "as_of_date": "13-Sep-2024",
      "fiscal_year": 2018,
      "region": "MIDDLE EAST AND NORTH AFRICA",
      "borrower_country": "Lebanon",
      "borrower_country_code": "LB",
      "project_id": "PER0003",
      "project_name": "LB- GREATER BEIRUT WATER SUPPLY",
      "project_global_practice": "Water, Sanitation and Waste Management",
      "procurement_category": "Civil Works",
      "procurement_method": "Request for Bids",
      "wb_contract_number": "1549267",
      "contract_description": "Design, build, and operate Mandankeh Water Treatment Plant",
      "borrower_contract_reference_number": "20M-0",
      "contract_signing_date": "15-Sep-2017",
      "contract_start_date": "20180001"
    }
  ]
}
```

Response Code: 200

Click 'Reset' to clear all parameter values.

Click "Hide Response" to disable viewing the response.

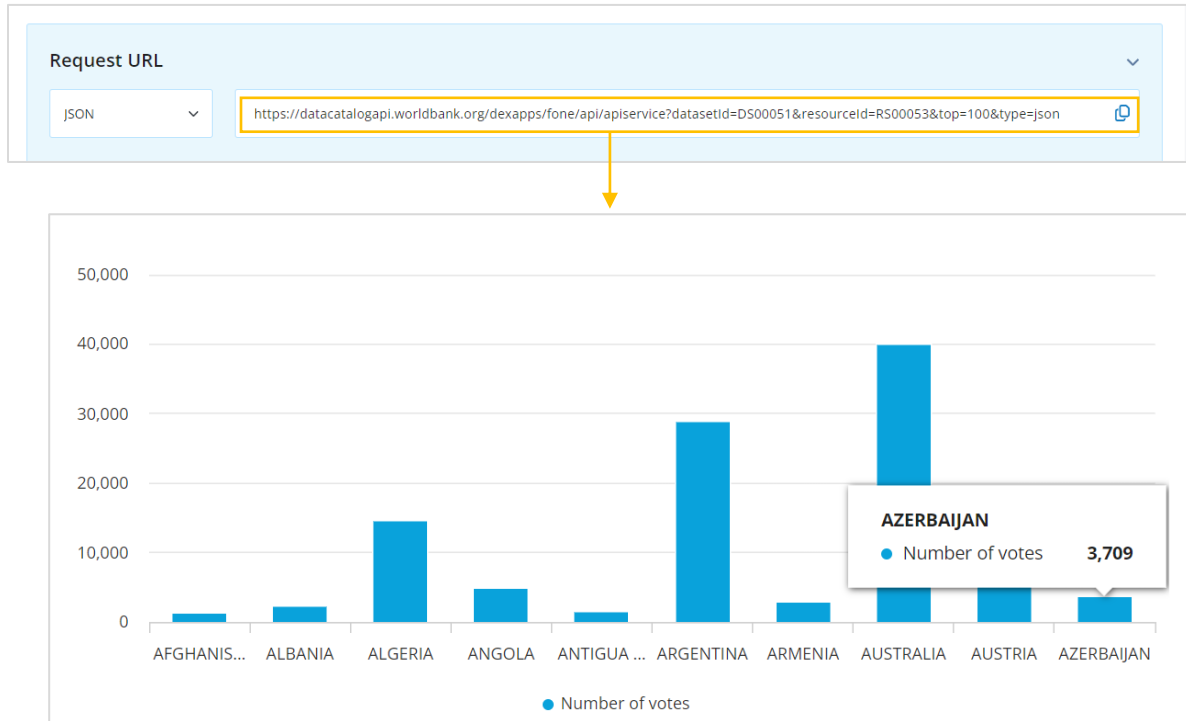
vi. Based upon the parameters passed, the Request URL with GET/POST methods will be generated.

Click the icon to copy the displayed URL.

The API Response Body and Response code will be returned in response to the HTTP request. If the response is successful, the Response code will show 200.

Step 3: Use JSON and CSV URL to analyze data.

JSON URL Example:



CSV URL Example:

Request URL

CSV <https://datacatalogapi.worldbank.org/dexapps/fone/api/apiservice?datasetId=DS00051&resourceId=RS00053&top=100&type=csv>

member	Sum of number_of_votes	Sum of percentage_of_total_subscriptions	Sum of subscription_amount
AFGHANISTAN	1339	0.02	50.60
ALBANIA	2188	0.05	135.50
ALGERIA	14522	0.51	1,368.90
ANGOLA	4901	0.15	406.80
ANTIGUA AND BARBUDA	1492	0.02	65.90
ARGENTINA	28893	1.05	2,806.00
ARMENIA	2839	0.07	200.60
AUSTRALIA	39887	1.46	3,905.40
AUSTRIA	18976	0.68	1,814.30
AZERBAIJAN	3709	0.11	287.60
BAHAMAS, THE	2326	0.06	150.30
BAHRAIN	2481	0.06	164.80
BANGLADESH	8717	0.29	788.40
BARBADOS	1781	0.04	94.80
BELARUS	5380	0.17	454.70
BELGIUM	44114	1.62	4,328.10
BELIZE	1479	0.02	64.60
BENIN	2355	0.06	152.20
BHUTAN	1662	0.03	82.90
BOLIVIA	3679	0.11	284.60
BOSNIA AND HERZEGOVINA	1813	0.04	96.00
BOTSWANA	1749	0.03	91.60
BRAZIL	54342	2.00	5,350.90
BRUNEI DARUSSALAM	3206	0.09	237.30
BULGARIA	8442	0.28	760.90
BURKINA FASO	2352	0.06	151.90
BURUNDI	1876	0.04	104.30
Total	1487824	52.42	140,452.40

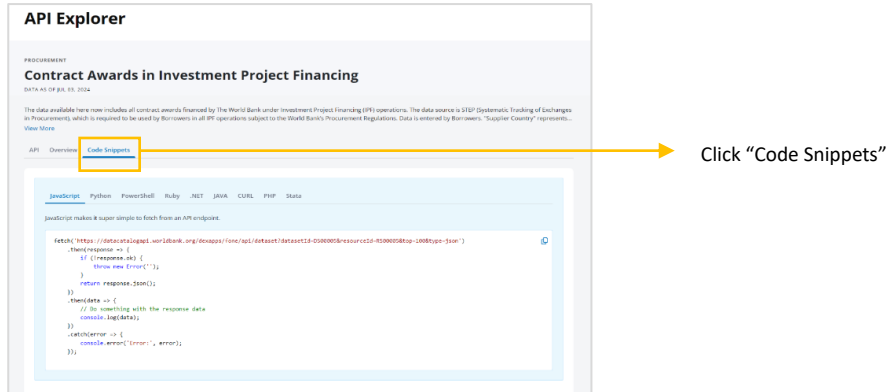
Data

Filters

- amounts_paid_in
- amounts_subject_to_call
- as_of_date
- member
- number_of_votes
- percentage_of_total_subscriptions
- percentage_of_total_voting_power
- subscription_amount
- total_amounts

2. Code Snippets

Code will show the sample response for the languages like JavaScript, Python, PowerShell, Ruby, .NET, JAVA, CURL, PHP, Stata



API Explorer

PROCUREMENT

Contract Awards in Investment Project Financing

DS00005 of DS00005

The data available here now includes all contract awards financed by The World Bank under Investment Project Financing (IPF) operations. The data source is SDP (Systematic) Tracking of Exchanges in Procurement, which is required to be used by Borrowers in all IPF operations subject to the World Bank's Procurement Regulations. Data is entered by Borrowers. "Supplier Country" represents...
[View More](#)

API Overview **Code Snippets**

JavaScript Python PowerShell Ruby .NET JAVA CURL PHP Stata

JavaScript makes it super simple to fetch from an API endpoint.

```
fetch('https://datacatalogapi.worldbank.org/dexapps/fone/api/apiservice?datasetId=DS00005&resourceId=RS00005&skip=1000&type=json')
  .then(response => {
    if (!response.ok) {
      throw new Error('');
    }
    return response.json();
  })
  .then(data => {
    // Do something with the response data
    console.log(data);
  })
  .catch(error => {
    console.error('Error:', error);
  });
```

Here's how to loop and retrieve all records using an API in JavaScript, with a maximum limit of 1000 records per request:

```
let loop = 0;
const limit = 1000;

async function fetchRecords() {
  while(hasMore) {
    await fetch('https://datacatalogapi.worldbank.org/dexapps/fone/api/apiservice?datasetId=DS00005&resourceId=RS00005&skip=${limit*loop}&stop=1000&type=json')
      .then(response => response.json())
      .then(data => {
        console.log(data); // or do anything with the data
        if(data.count / 1000 <= loop) {
          loop++;
        } else {
          hasMore = false;
        }
      })
      .catch(error => {
        console.error('Error:', error);
      });
  }
}

fetchRecords();
```

```
let loop = 0;
const limit = 1000;
let hasMore = true;

async function fetchRecords() {
  // Continue looping while there are more records to fetch
  while (hasMore) {
    // Fetch data from the API with pagination
    await
    fetch(`https://datacatalogapi.worldbank.org/dexapps/fone/api/apiservice?datasetId=DS00005&resourceId=RS00005&skip=${limit *
    loop}&top=1000&type=json`)
      .then(response => response.json()) // Parse the JSON response
      .then(data => {
        console.log(data); // Process or log the data

        // Check if there are more records to fetch
        if (data.count / 1000 >= loop) {
          loop++; // Move to the next page of records
        } else {
          hasMore = false; // No more records, exit the loop
        }
      })
      .catch(error => {
        console.error('Error:', error); // Handle any errors
      });
  }
}
```