SDR 2022 | API Data Request

Provided to you by the UN Sustainable Development Solutions Network

OVERVIEW & PURPOSE

Welcome to the SDR 2022 API: In this API you will be able to explore the most timely data and metrics compiled by the SDG Index Team.

We provided you with a short documentation for several programming languages to make the request to our dataset.

URL Endpoint: ***https://dashboards.sdgindex.org/static/downloads/SDR2022.json***

Basic Authentication:

> Username: ***sdgindex-guest***
>
> Password: ***W4zaVqsGPUrV6KaVDFfY***

Python

1. Install the \`Requests\` package (link)
2. Use this syntax:

```
r = requests.get('https://api.github.com/user', auth=('user', 'pass'))
```

R

1. Install the \`httr\` package (link)
2. Use this syntax:

```
GET(url = 'URL Endpoint', authenticate(user = 'username', password =
'password'))
```

Stata

1. Please integrate Python in Stata to use the instructions above for Python. Refer to this document to learn more about integrating Python into Stata.

JavaScript

1. Use this syntax:

```
fetch('https://deploy-preview-94--eu-index-3813.netlify.app/static/downloads/ESDR
2022.json',

 {

   method: 'GET',

   headers: {

     Authorization: 'Basic ' + btoa('sdgindex-guest:eFBV4niBe3QgbrwCNrYb'),

   },

 }
)

 .then((response) => response.json())

 .then((json) => json)

 .catch((error) => error);
```

Java

1. Import the `java.net.http` and `java.net.URI` packages.
2. Create the GET request

```
HttpRequest request = HttpRequest.newBuilder().GET().uri(new URI("URL
Endpoint")).build();
```

3. Import the `java.net.Authenticator` and `java.net.PasswordAuthentication` packages.
4. Create an `HttpClient` with the authentication data

```
HttpClient client = HttpClient.newBuilder()
.authenticator(new Authenticator() {
protected PasswordAuthentication getPasswordAuthentication() {
return new
PasswordAuthentication("Username", "Password".toCharArray());}
})
.build();
```

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