

HDX Report Generator

Description

I developed an automated tool that simplifies the process of obtaining JSON data regarding country boundaries from the HDX service. Additionally, it generates a report containing information such as API call status, error codes, and loading times.

API Endpoint: <https://apps.itos.uga.edu/CODV2API/api/v1/themes/cod-ab/locations/{countryCode}/versions/current/geoJson/0>

Source code: <https://github.com/Nguyen-Quoc-Vu/hdx-report-generator>

Usage

Installing

1. Clone Repository: `git clone https://github.com/Nguyen-Quoc-Vu/hdx-report-generator & cd hdx-report-generator`
2. Check out the "main" branch. `git checkout main`
3. Install dependencies: `npm install`
4. Start to generate the report: `node index.js`
5. Open the new-generated file in the same source code folder `hdx_country_boundary_report.json`

Generated Report For African Country (Last updated: 27.09.2023)

Country	Code3	Is success?	Time(s)	Error message
Algeria	DZA	true	5.742	
Angola	AGO	true	14.108	
Benin	BEN	true	4.498	
Botswana	BWA	false	0	Request failed with status code 404
Burkina Faso	BFA	true	6.92	
Burundi	BDI	true	5.369	
Cameroon	CMR	true	8.124	
Cape Verde	CPV	false	0	Request failed with status code 404
Central African Republic	VAF	false	0	Request failed with status code 404
Chad	CAF	true	4.83	

Country	Code3	Is success?	Time(s)	Error message
Comoros	TCD	true	11.721	
Congo	COM	true	5.804	
Democratic Republic of the Congo	COG	true	5.639	
Côte d'Ivoire	COD	true	5.837	
Djibouti	CIV	true	5.371	
Egypt	DJI	false	0	Request failed with status code 404
Equatorial Guinea	EGY	true	14.727	
Eritrea	GNQ	true	5.282	
Ethiopia	ERI	true	7.348	
Gabon	ETH	true	4.803	
Gambia	GAB	false	0	Request failed with status code 404
Ghana	GMB	true	5.016	
Guinea	GIN	true	2.981	
Guinea-Bissau	GNB	true	4.81	
Kenya	KEN	true	5.621	
Lesotho	LSO	false	0	Request failed with status code 404
Liberia	LBR	true	10.774	
Libya	LBY	true	10.791	
Madagascar	MDG	false	0	Request failed with status code 404
Mali	MLI	true	11.87	
Malawi	MWI	true	19.715	
Mauritania	MRT	true	9.656	
Mauritius	MUS	false	0	Request failed with status code 404
Mayotte	MYT	false	0	Request failed with status code 404

Country	Code3	Is success?	Time(s)	Error message
Morocco	MAR	true	12.985	
Mozambique	MOZ	true	14.494	
Namibia	NAM	true	13.816	
Niger	NER	false	0	Request failed with status code 500
Nigeria	NGA	true	9.876	
Réunion	REU	false	0	Request failed with status code 404
Rwanda	RWA	false	0	Request failed with status code 404
São Tomé and Príncipe	STP	false	0	Request failed with status code 404
Senegal	SEN	true	11.728	
Seychelles	SYC	false	0	Request failed with status code 404
Sierra Leone	SLE	true	11.587	
Somalia	SOM	true	10.321	
South Africa	ZAF	true	18.633	
South Sudan	SSD	true	9.92	
Sudan	SDN	true	12.397	
Swaziland	SWZ	true	8.871	
Tanzania	TZA	false	0	Request failed with status code 404
Togo	TGO	true	8.863	
Tunisia	TUN	true	6.105	
Uganda	UGA	true	10.499	
Western Sahara	ESH	true	3.167	
Zambia	ZMB	true	3.384	
Zimbabwe	ZWE	true	4.172	