

Country API Documentation

Description

This API is used to fetch whole data set from the SQLite3 database in Django backend to React JS front end web application.

Base URL

The base URL for all API requests is:

```
http://localhost:8000/
```

The base url for the API depends on domain name where its deployed and change from domain to domain, in my case as i have developed it on localhost so base url is localhost whereas 8000 is the port number.

Endpoints

GET /countrydata

Returns a list of countries and their yearly growth.

Response

Returns a JSON object with the following properties:

- **results** : An array of country objects, each with the following properties:
 - **id** : The unique identifier of the country.
 - **CountryName** : The name of the country.
 - **CountryCode** : The country code of the country.
 - **IndicatorName** : A indicator name of the country.
 - **IndicatorCode** : The indicator code of the country.
 - **YearlyData** : A sub array of country yearly growth data from 1960 - 2016.

Example

Request:

```
GET /countrydata/
```

Response:

```
[
{
  "id": 1,
  "CountryName": "Aruba",
  "CountryCode": "ABB",
  "IndicatorName": "Rural population (% of total population)",
  "IndicatorCode": "SP.RUR.TOTL.ZS",
  "YearlyData": {
    "1960": 49.22,
    "1961": 49.24,
    "1962": 49.25,
    "1963": 49.27,
    "1964": 49.29,
    "1965": 49.3,
    "1966": 49.32,
    "1967": 49.33,
    "1968": 49.35,
    "1969": 49.36,
    "1970": 49.38,
    "1971": 49.39,
    "1972": 49.41,
    "1973": 49.42,
    "1974": 49.44,
    "1975": 49.45,
    "1976": 49.47,
    "1977": 49.48,
    "1978": 49.5,
    "1979": 49.51,
    "1980": 49.53,
    "1981": 49.54,
    "1982": 49.56,
    "1983": 49.57,
    "1984": 49.59,
    "1985": 49.61,
    "1986": 49.62,
    "1987": 49.64,
    "1988": 49.65,
    "1989": 49.67,
    "1990": 49.68,
    "1991": 49.7,
```

```
"1992": 50,  
"1993": 50.41,  
"1994": 50.82,  
"1995": 51.23,  
"1996": 51.64,  
"1997": 52.05,  
"1998": 52.46,  
"1999": 52.87,  
"2000": 53.28,  
"2001": 53.66,  
"2002": 54.03,  
"2003": 54.39,  
"2004": 54.76,  
"2005": 55.13,  
"2006": 55.49,  
"2007": 55.85,  
"2008": 56.22,  
"2009": 56.58,  
"2010": 56.94,  
"2011": 57.3,  
"2012": 57.64,  
"2013": 57.94,  
"2014": 58.22,  
"2015": 58.47,  
"2016": 58.7  
}  
,  
....
```