

Personal Projects

GitHub Profile Link: <https://github.com/SoNearSonar>

Project: Spotify Content Availability Checker

Link: <https://github.com/SoNearSonar/SpotifyContentAvailabilityChecker>

Languages: .NET

Information:

- A desktop application written in .NET which checks content availability by country for songs, albums, and podcasts.
- Includes a history of searches the user has done for quicker access.
- Provides filtering for country codes and names for easier searching of data.
- Utilizes a client written in .NET to retrieve information from Spotify's web API and display it to the user in a searchable list. Requires a Spotify account to obtain an access token to make calls to the client.

The screenshot shows the 'Spotify Content Availability Checker' application window. It has a title bar with standard Windows controls. The main interface is divided into several sections:

- Settings:** Contains two tabs: 'Search' (active) and 'History'.
- Spotify Information:** A section with three input fields: 'Content Link / URI:' (containing 'Op5znedkW0036?si=_AksPc1eTtuBm_6CP-cSqQ'), 'Content Type:' (set to 'Album'), and 'Access Token:' (masked with asterisks).
- Actions:** A row of three buttons: 'Get Access Token', 'Start Search' (highlighted with a blue border), and 'Clear Search'.
- Content Information:** A section with four input fields: 'Title:' (containing 'Taking Control - The Remixes'), 'Author(s):' (containing 'Raptures, Sam Ourt, Halvorsen'), 'Copyright:' (containing '2022 NCS'), and 'Sound Copyright:' (containing '2022 NCS').
- Result:** A section on the right with a 'Search Input:' field and a 'Search By:' dropdown menu set to 'Country Code'. Below this is a table of results.

Country Code	Country Name
AD	Andorra
AE	United Arab Emirates
AG	Antigua and Barbuda
AL	Albania
AM	Armenia
AO	Angola
AR	Argentina
AT	Austria
AU	Australia
AZ	Azerbaijan
BA	Bosnia and Herzegovina

Project: OpenWeatherMap-NET

Link: <https://github.com/SoNearSonar/OpenWeatherMap-NET>

Languages: .NET

Information:

- A web API client written in .NET which gets data from OpenWeatherMap's web API and returns the information in an organized manner.
- Returned data includes air pollution and weather data for minutely, hourly, daily, and current time intervals.
- Targets the .NET Standard 2.0 framework for cross-platform capability across Windows, Mac, and Linux.