Aggregation Service API

What is the Aggregation Service API?

A simple API which aggregates Spotify search results, weather information, and selected English words information. The Aggregation Service API is a REST (Representational State Transfer) API for retrieving online resources.

Getting started

You communicate to the Aggregation Service API through HTTP messages.

There is just one endpoint and the HTTP verb used to interact with the API is the GET verb. Next the only thing missing is the query parameters.

Endpoint

<https://localhost:7070/api/aggregation>

Query parameters

Here is the list of the parameters you can pass to the API in a query string at the end of the endpoint.

|  |  |  |
| --- | --- | --- |
| Parameter | Data type | Description |
| SporifySearchWord | String | The keyword for the Spotify search |
| SporifySearchLimit | Integer | The limit of Spotify search results |
| SpotifyNumberOfTopResults | Integer | The number of the top Spotify results |
| MediaType | Integer | The type of media expected in the Spotify search results |
| WordToAnalyze | String | The English word to be analyzed |
| Latitude | Decimal | The geographical latidute |
| Longitude | Decimal | The geographical lognitude |
| TemperatureUnit | Integer | The unit of temperature |

The MediaType query parameter takes values from 0 to 8. If no value is specified it uses value 0 as a default. The values correspond to:

|  |  |
| --- | --- |
| 0 | All types |
| 1 | Albums |
| 2 | Artists |
| 3 | Episodes |
| 4 | Genres |
| 5 | Playlists |
| 6 | Podcasts |
| 7 | Tracks |
| 8 | Users |

The TemperatureUnit query parameter takes values 0 and 1. If no value is specified it uses value 0 as a default. The values correspond to:

|  |  |
| --- | --- |
| 0 | Metric |
| 1 | Imperial |