Sümegh András Borisz HRHZ34 - Webszerveres Időjárásjelentés

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Data 8
WeatherData 13
DataFetcher 10
BackendDataFetcher 6
HttpResponse 12
Server 12

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

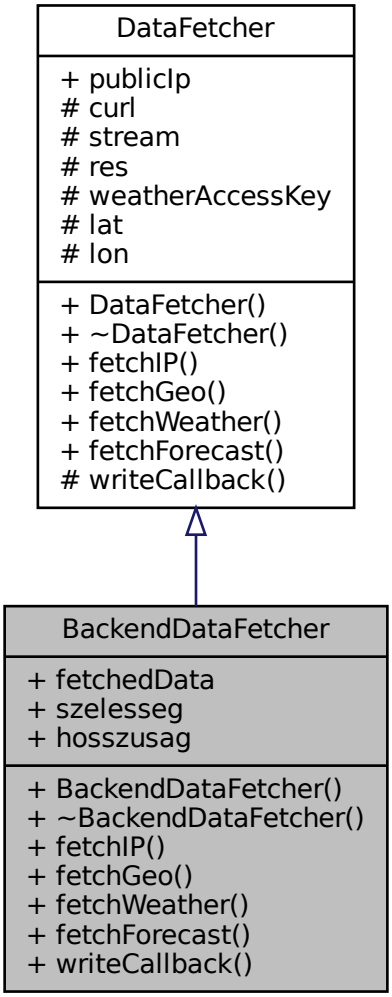
BackendDataFetcher 6
Data 8
DataFetcher 10
HttpResponse 12
Server 12
WeatherData 13

Chapter 3

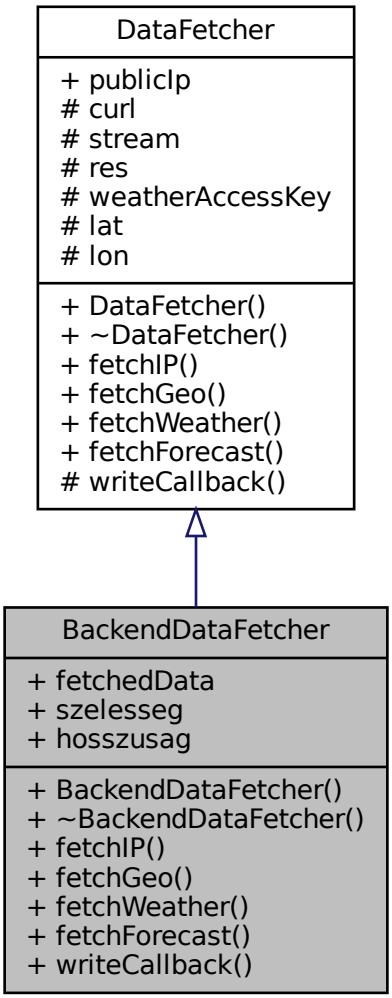
Class Documentation

3.1 BackendDataFetcher Class Reference

Inheritance diagram for BackendDataFetcher:



Collaboration diagram for BackendDataFetcher:



Public Member Functions

- void **fetchIP** () override
- void **fetchGeo** () override
- WeatherData **fetchWeather** () override
- std::vector< WeatherData > **fetchForecast** () override

Static Public Member Functions

- static size_t **writeCallback** (char *ptr, size_t size, size_t nmemb, std::string *stream)

Public Attributes

- std::string **fetchedData**
- int **szelesseg**
- int **hosszusag**

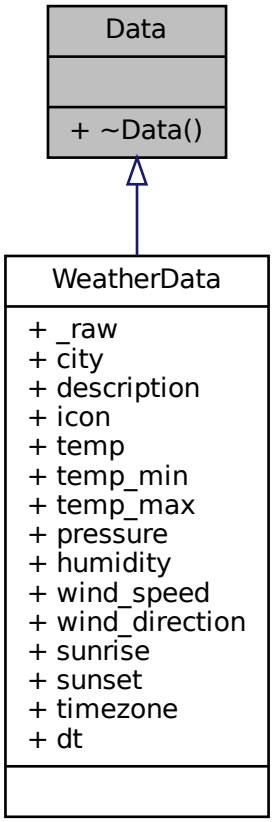
Additional Inherited Members

The documentation for this class was generated from the following files:

- backend.hpp
- backend.cpp

3.2 Data Class Reference

Inheritance diagram for Data:



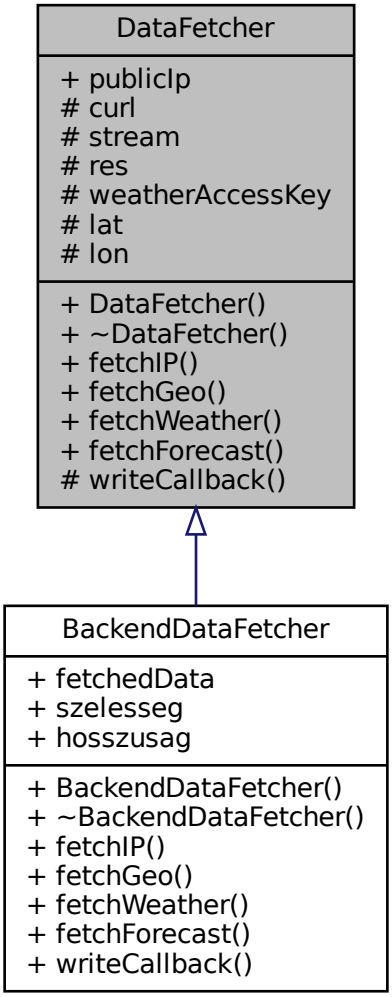
Collaboration diagram for Data:

The documentation for this class was generated from the following file:

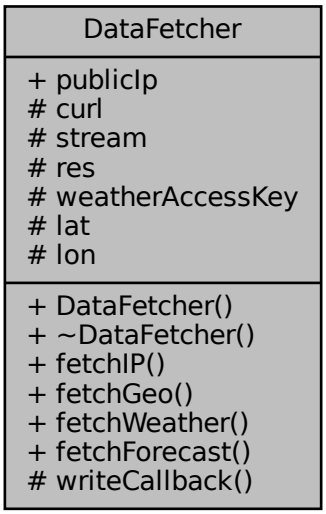
- backend.hpp

3.3 DataFetcher Class Reference

Inheritance diagram for DataFetcher:



Collaboration diagram for DataFetcher:



Public Member Functions

- virtual void **fetchIP** ()=0
- virtual void **fetchGeo** ()=0
- virtual WeatherData **fetchWeather** ()=0
- virtual std::vector< WeatherData > **fetchForecast** ()=0

Public Attributes

- std::string **publicIp**

Static Protected Member Functions

- static size_t **writeCallback** (char *ptr, size_t size, size_t nmemb, std::string *stream)

Protected Attributes

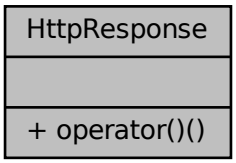
- CURL * **curl**
- std::string **stream**
- CURLcode **res**
- const char * **weatherAccessKey** = "c27e7fc04775ef3b49e5e69b77c89ee0"
- double **lat**
- double **lon**

The documentation for this class was generated from the following files:

- backend.hpp
- backend.cpp

3.4 HttpResponse Class Reference

Collaboration diagram for HttpResponse:



Public Member Functions

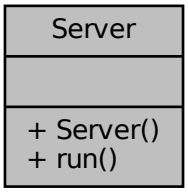
- void **operator()** (int clientSocket)

The documentation for this class was generated from the following file:

- main.cpp

3.5 Server Class Reference

Collaboration diagram for Server:



Public Member Functions

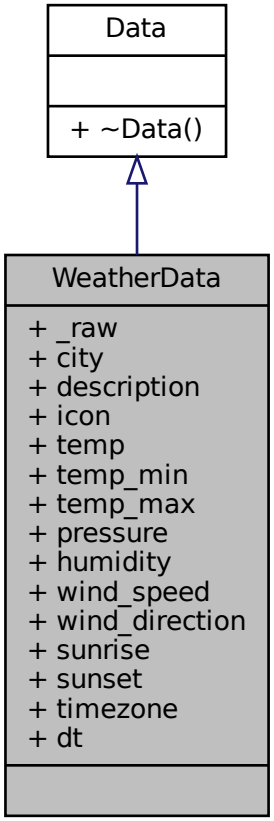
- void **run** ()

The documentation for this class was generated from the following file:

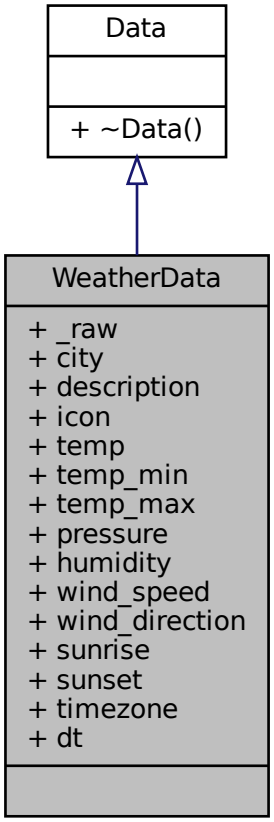
- main.cpp

3.6 WeatherData Class Reference

Inheritance diagram for WeatherData:



Collaboration diagram for WeatherData:



Public Attributes

- std::string **_raw**
- std::string **city**
- std::string **description**
- std::string **icon**
- int **temp**
- int **temp_min**
- int **temp_max**
- int **pressure**
- int **humidity**
- int **wind_speed**
- int **wind_direction**
- int **sunrise**
- int **sunset**
- int **timezone**
- int **dt**

The documentation for this class was generated from the following file:

- backend.hpp

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