

Operating procedure for Webstat’s API

Summary

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5. Client ID, consultation and accreditation to API products
6. Consultation of the SWAGGER and test via a web browser

1. Connexion to the API

The first connexion to the Webstat's API portal is made via :

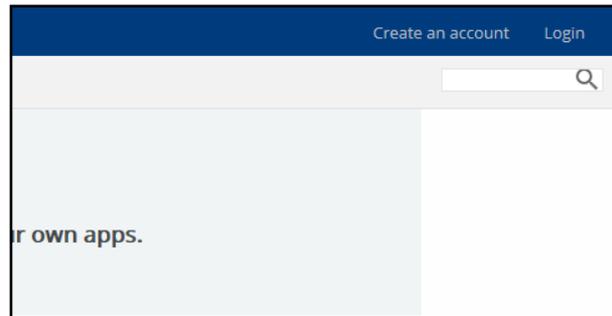
<https://developer.webstat.banque-france.fr/>



General informations about how to set up a connexion to the API can be found by clicking on the tab : « Getting started »

2. Setting an account

At the top right of the home page are the sections "Create an account" and "Login"



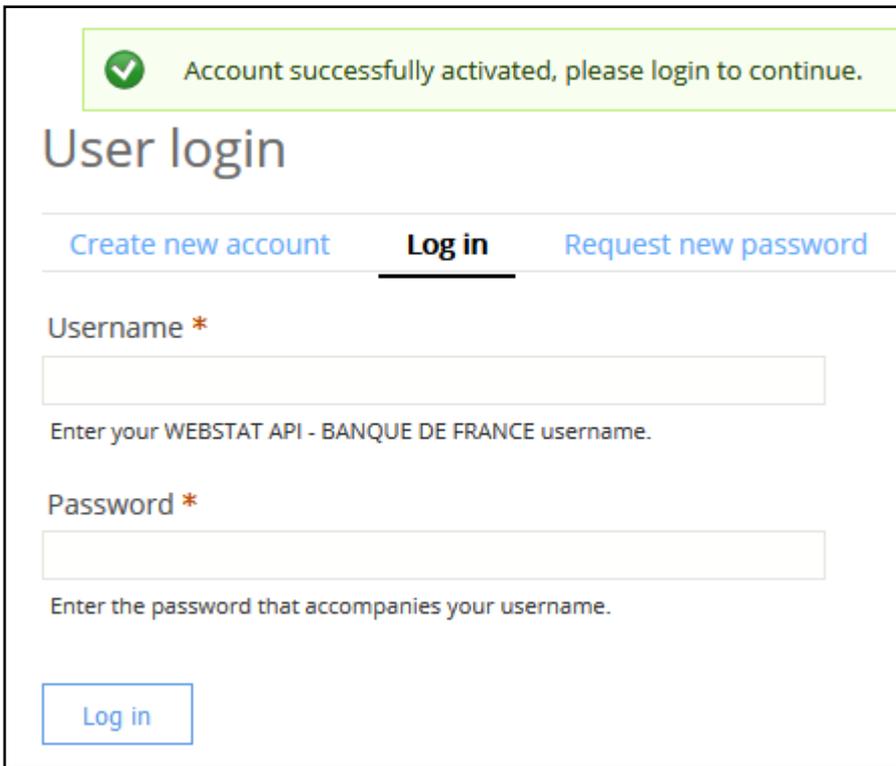
After using the link "Create an account", the entry of all the information relating to the developer of the future consuming application is necessary. Once the information has been entered and the account created, a redirection to the homepage with the mention below appears :



You have been sent an account activation email. You need to click on the link in it to activate your account before you can login.

3. Login

After validating the creation of the account via the email sent to the e-mail address indicated, the following screen appears :



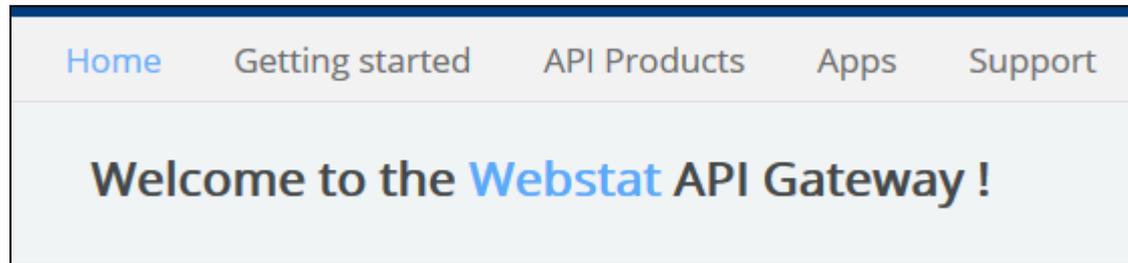
The screenshot shows a web interface for user login. At the top, a green notification bar with a checkmark icon contains the text: "Account successfully activated, please login to continue." Below this, the heading "User login" is displayed. A navigation bar contains three links: "Create new account", "Log in" (which is underlined), and "Request new password". The form includes two input fields: "Username *" with a placeholder "Enter your WEBSTAT API - BANQUE DE FRANCE username." and "Password *" with a placeholder "Enter the password that accompanies your username." A "Log in" button is located at the bottom left of the form.

Username is the email address indicated when creating the account. The "Password" is the one you have defined.

After being authenticated, the developer is connected to the API Webstat platform with his own account.

4. Registering an APP to use the API

By being authenticated, the developer has access to the 5 tabs of the API platform :



The tab **API Products** allows to consult the available products. Currently, the Webstat API is available in FR and EN.

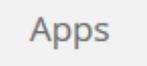
By displaying the details of an API product, it is possible to know the plan:

WEBSTAT Banque de France Prod
uit FR V1 1.0.0_4699

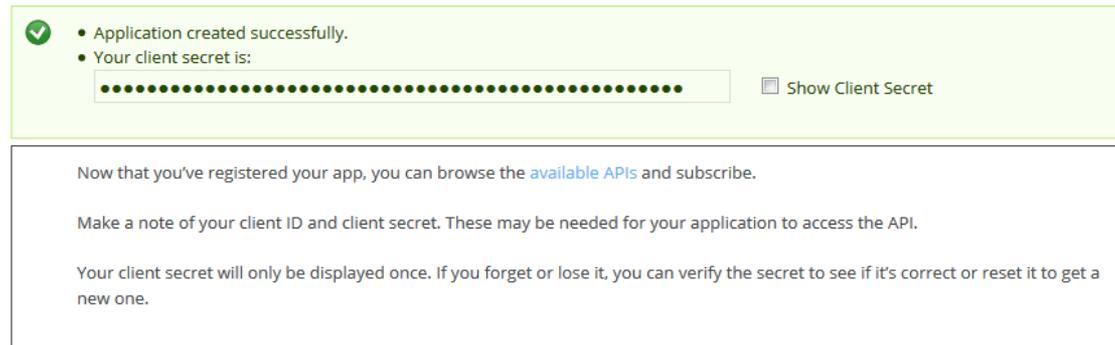
Plans

bienvenue 	
WEBSTAT Banque de France FR V1 1.0.0_4...	3 rate limits *
GET /v1/catalogue	3 rate limits *
GET /v1/catalogue/{datasetName}	3 rate limits *
GET /v1/data/{datasetName}	3 rate limits *
GET /v1/data/{datasetName}/{seriesKey}	3 rate limits *
GET /v1/datastructure/{datasetName}	3 rate limits *
Free	
Subscribe	

4. Registering an APP to use the API

If all the characteristics of the plan are suitable for the developer, he can then go to the tab :  and click on the button  to register his APP.

After the validation of the registration form of an application, the following screen appears :



Using those check marks:  [Show Client Secret](#) and  [Show](#) allows the user to know his IDs. These IDs are therefore to be kept.

5. Client ID, consultation and accreditation to API products

Now that the developer has his IDs, he can go into the tab « API Products », choose his product and subscribe to a plan via the button

A rectangular button with a blue border and the text "Subscribe" in blue.

The developer will be asked to choose the app which will call the API and then, an application for approval will be sent.



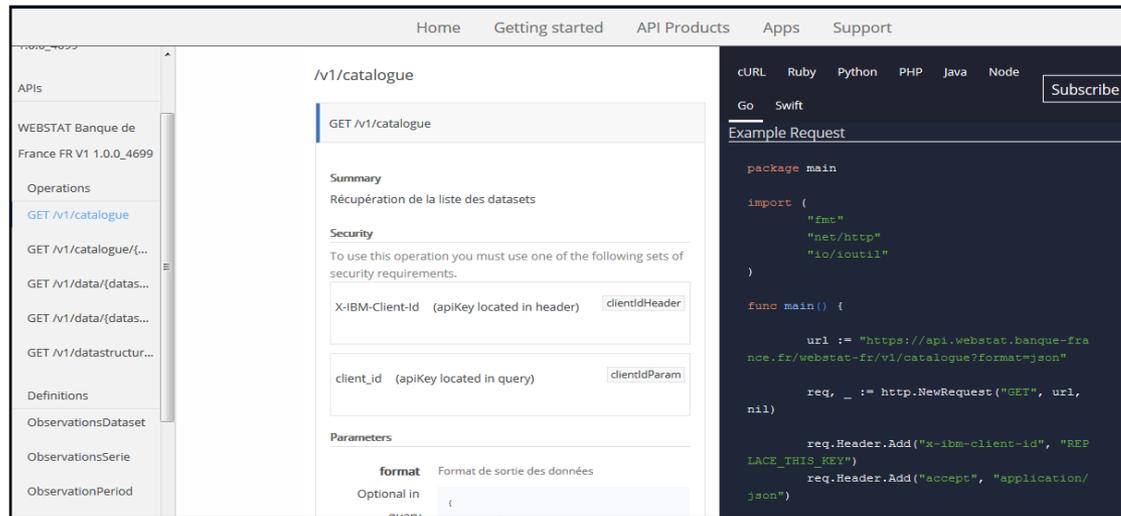
Subscription request for this plan has been submitted for approval.

During the validation process, the API product appears in the left panel, under the section :
« APIs »

A header element for the "APIs" section, displayed in a light gray box.The name of the API product, "WEBSTAT Banque de", displayed in a light gray box.The version of the API product, "France FR V1", displayed in a light gray box.

6. Consultation of the SWAGGER and test via a web browser

By clicking on the API product, you can consult the Swagger and get more technical details like the list of all operations, definitions and parameters. This screen also allows you to generate code in multiple programming languages to call the Webstat's APIs. Once your account is approved, you will be able to directly call the API through this screen.



The screenshot displays the Swagger UI for the `/v1/catalogue` endpoint. The interface includes a navigation menu on the left with sections for APIs, Operations, Definitions, and ObservationsDataset. The main content area shows the endpoint `GET /v1/catalogue` with a summary: "Récupération de la liste des datasets". Under the "Security" section, it states: "To use this operation you must use one of the following sets of security requirements." Two security requirements are listed: "X-IBM-Client-Id (apiKey located in header)" with a field `clientIdHeader`, and "client_id (apiKey located in query)" with a field `clientIdParam`. The "Parameters" section shows a parameter `format` with the description "Format de sortie des données", which is optional and in the query. On the right side, there are tabs for "Go" and "Swift", and a "Subscribe" button. Below these is an "Example Request" section showing a Go code snippet for making an HTTP GET request to the API endpoint.

```
package main

import (
    "fmt"
    "net/http"
    "io/ioutil"
)

func main() {

    url := "https://api.webstat.banque-france.fr/webstat-fr/v1/catalogue?format=json"

    req, _ := http.NewRequest("GET", url, nil)

    req.Header.Add("x-ibm-client-id", "REPLACE_THIS_KEY")
    req.Header.Add("accept", "application/json")
}
```