Monitor information and send alert on predefined criteria

Create dashboard to see status of all troxes

Continuous testing tool : call Webservice, check the content => green.

If content different : triggers alert

A resource can be checked with different rules

It is possible to and all the rules or to indicate at least 1 rule

Possibility to see history of extraction

Possibility to see logs of pipeline

<https://www.dotcom-monitor.com/>

analyse: demo sur demande

ne semble pas pouvoir extraire des données pour faire une alerte.

<https://www.youtube.com/channel/UCb4kczee3MR_q42yCcQFDZw>

**Data Alerts with Distill.io**

# Distill Web Monitor

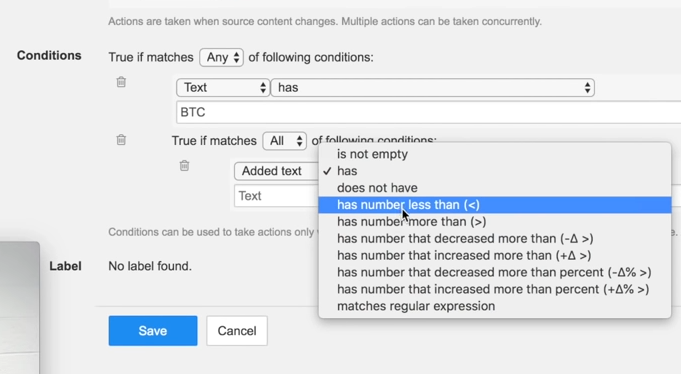


o to Watchlist by clicking the Distill icon to see list of watched webpages.  
  
You can also check out our help article for a quick start: [https://distill.io/help/gettingstarted/firefox](https://outgoing.prod.mozaws.net/v1/e25f7d23f20b47992611bde75f855c239a34e71f90c43f19830b313bb0609dd6/https%3A/distill.io/help/gettingstarted/firefox)  
  
If you need any help, write to us at support@distill.io. We will respond at the earliest.

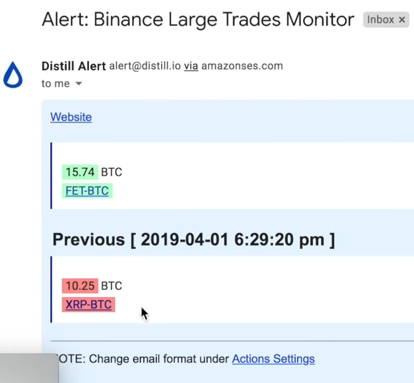
<https://www.youtube.com/watch?v=gh-U5PC8AZA&feature=youtu.be>

<https://www.youtube.com/watch?v=UzVDJ1boui0&t=143s>



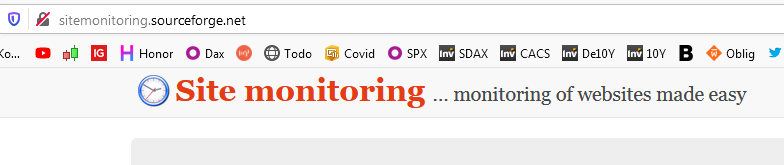


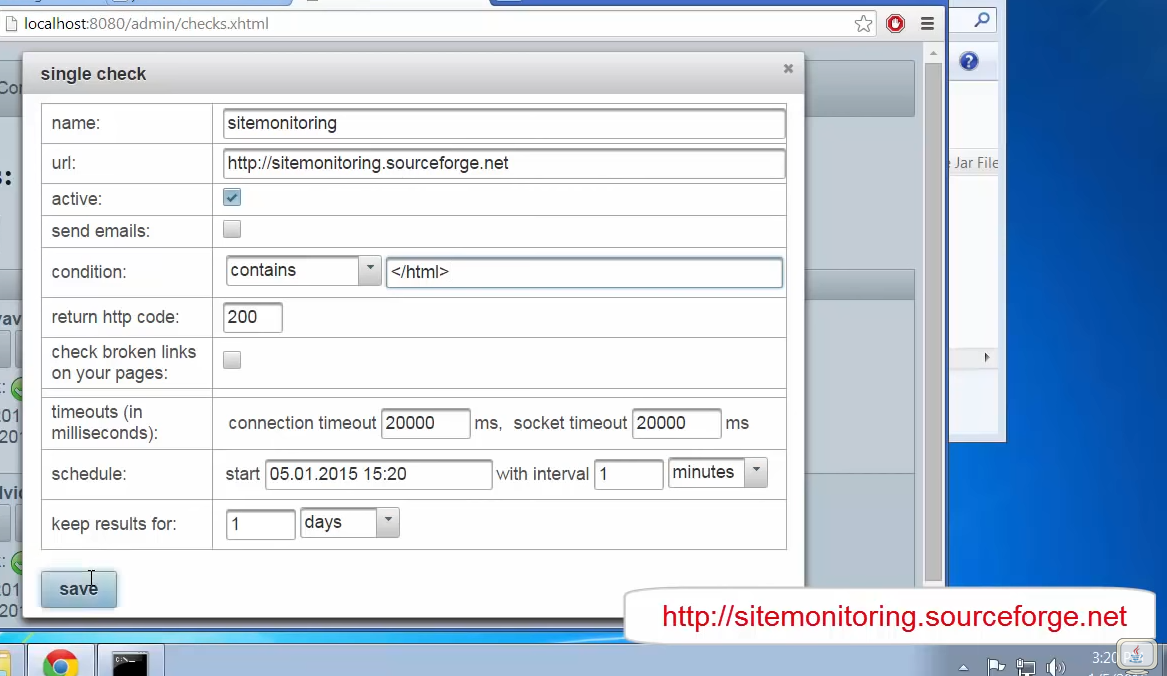
Alert mail:



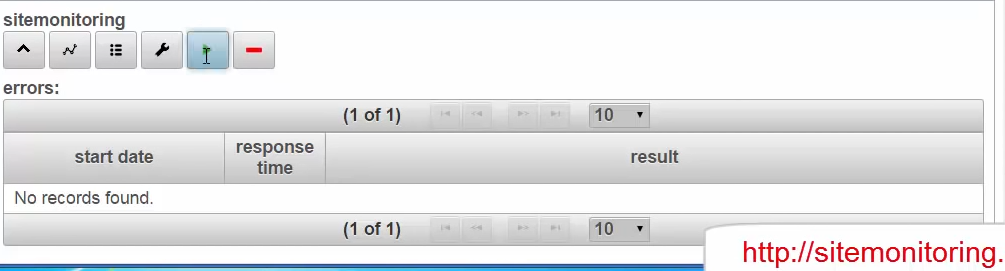
How to use website monitoring application, which is free open-source tool: [http://sitemonitoring.sourceforge.net/](https://www.youtube.com/redirect?v=Kwg6XFNgTIM&event=video_description&redir_token=QUFFLUhqbmo2Z0RVOTV1M1FrMmtlMVFpVEpZbWlBVGFaUXxBQ3Jtc0ttU2hsSmZEZ3hyelhNSmZNWWdqRG5xOUswallzdFZ2TzF1cjRMUnQ0ZmpfOVU2S1dwd2pmNUhMZWloM0t5YkpwNEJGcTR2Y05CcmpzblRDQ1AyOGpUSFlJUF9qLUVVd05nSkI4TmxXV3NLellyUDVQNA%3D%3D&q=http%3A%2F%2Fsitemonitoring.sourceforge.net%2F)

<https://www.youtube.com/watch?v=Kwg6XFNgTIM&feature=youtu.be>





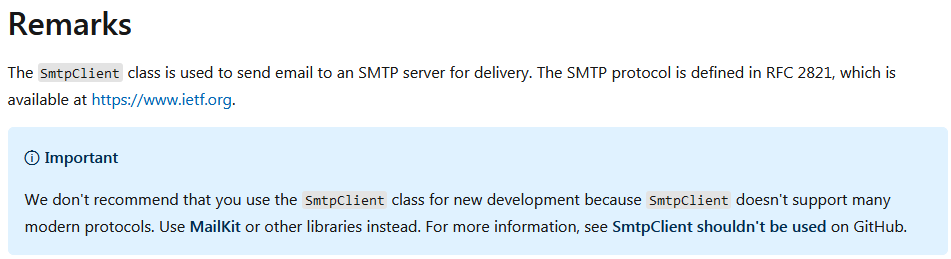
Result : chart or table :

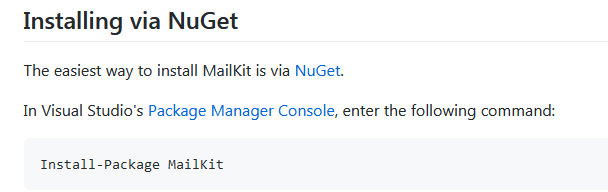


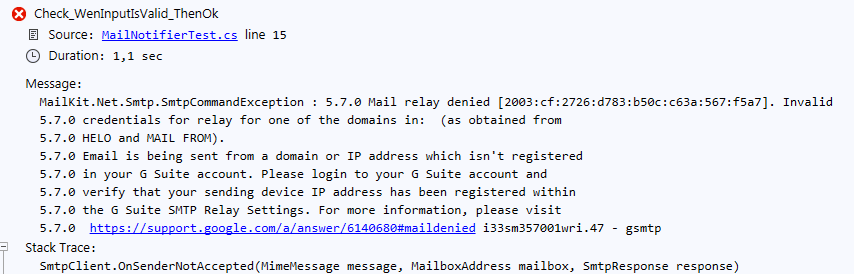


Technical decision to send mail:

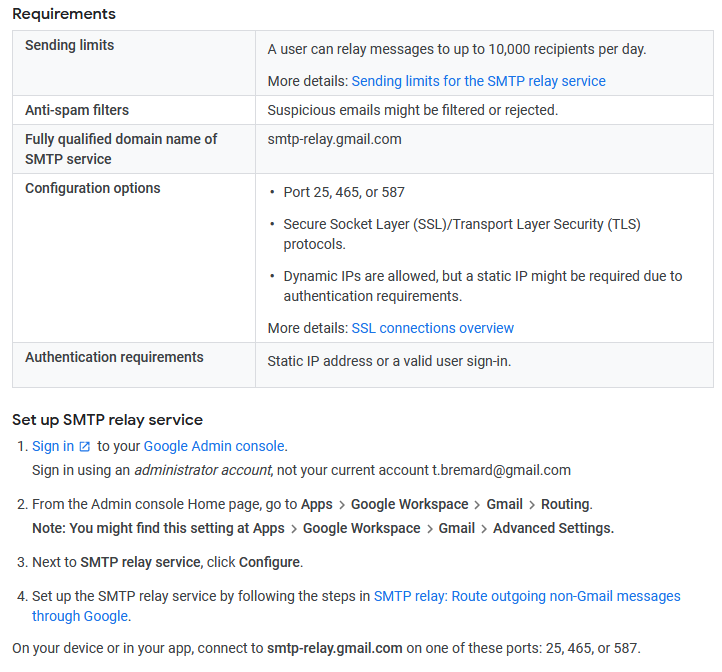
<https://docs.microsoft.com/en-us/dotnet/api/system.net.mail.smtpclient?view=net-5.0>

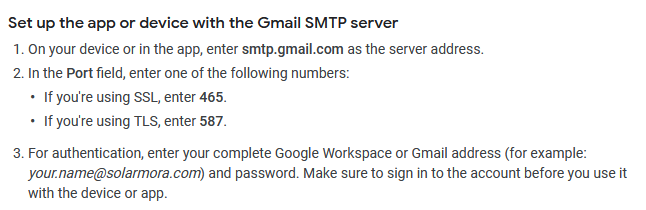






<https://support.google.com/a/answer/176600?hl=en>

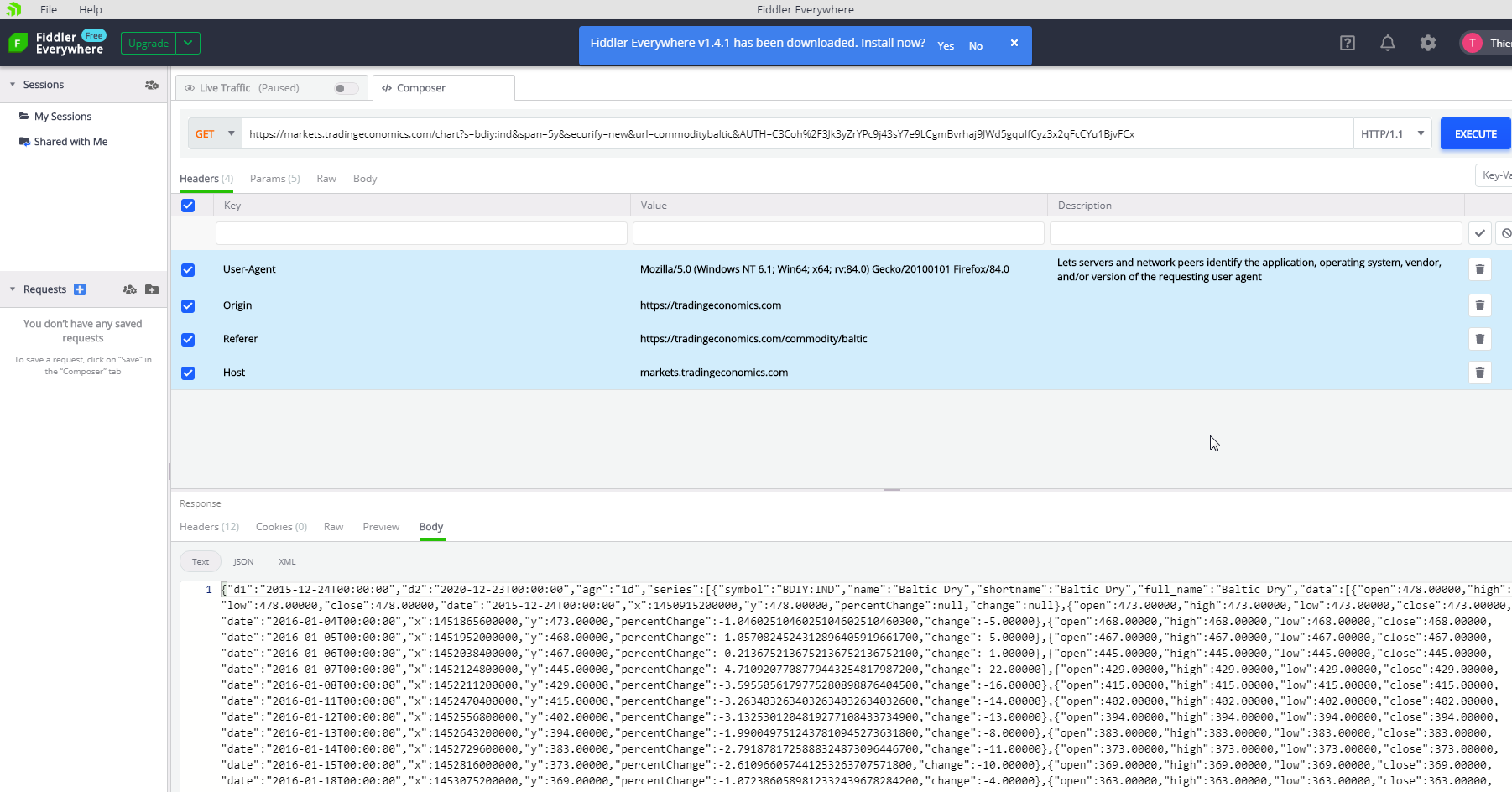




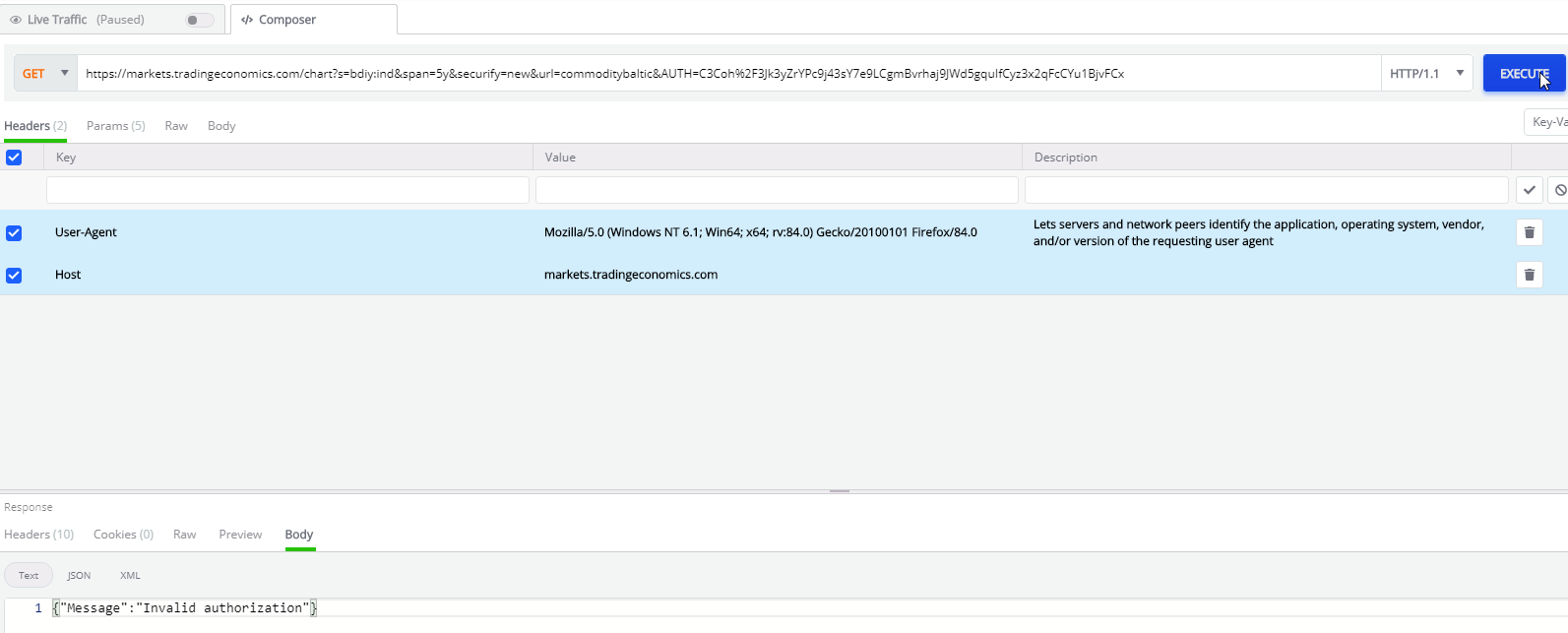
|  |
| --- |
| hould You Be Using SSL or TLS? Both SSL 2.0 and 3.0 have been deprecated by the [Internet Engineering Task Force](https://ietf.org/)  you should disable SSL 2.0 and 3.0 in your server configuration, and while you’re at it – go ahead and deprecate TLS 1.0 and TLS 1.1, too.  When it comes to your servers, you should only have TLS protocols enabled. |

User can specify headers in addition to url:

In the example below headers are used to have successful reply from server



While the same url without headers do not work:



Responsible headers:

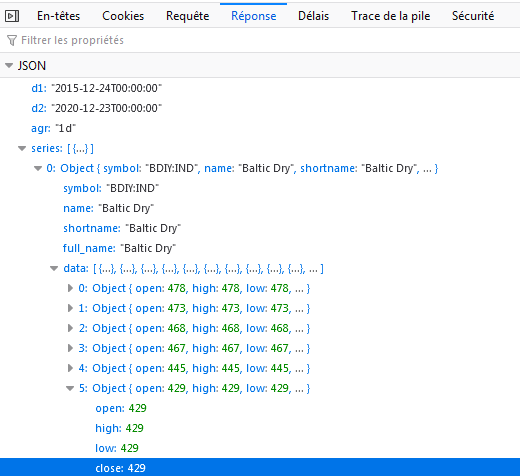
Origin: <https://tradingeconomics.com>

Referer: <https://tradingeconomics.com/commodity/baltic>

|  |
| --- |
| Full request: |
| GET /chart?s=bdiy:ind&span=5y&securify=new&url=commoditybaltic&AUTH=C3Coh%2F3Jk3yZrYPc9j43sY7e9LCgmBvrhaj9JWd5gquIfCyz3x2qFcCYu1BjvFCx HTTP/2  Host: markets.tradingeconomics.com  User-Agent: Mozilla/5.0 (Windows NT 6.1; Win64; x64; rv:84.0) Gecko/20100101 Firefox/84.0  Accept: application/json, text/javascript, \*/\*; q=0.01  Accept-Language: fr,fr-FR;q=0.8,en-US;q=0.5,en;q=0.3  Origin: https://tradingeconomics.com  Connection: keep-alive  Referer: https://tradingeconomics.com/commodity/baltic  Pragma: no-cache  Cache-Control: no-cache |

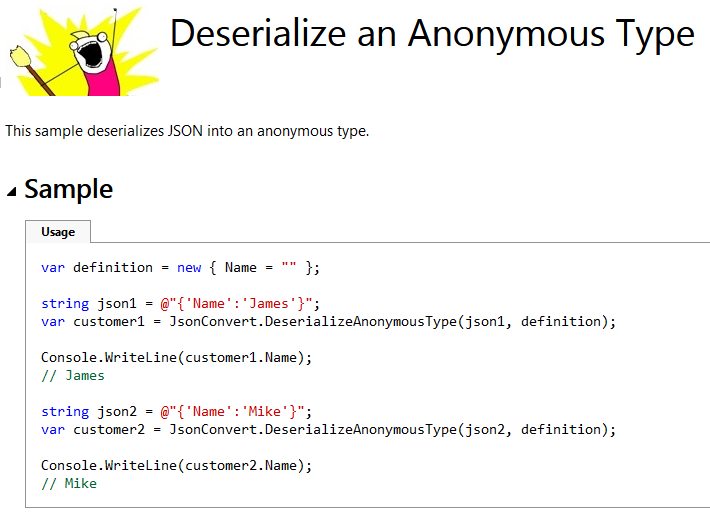
* The reponse Trox must be able to handle json, and for example get the last element of an array : eg:

Example:



The expected data is in:

Root.serie[0].data[last].close



* The product can call an url to get an authentification token

This token can be used in next request as a parameter to be authentified.

MySpector can be defined in 2 modules:

* Ressource Creator
* Notification on alert Creator

The ressources can be public or private

Notification on alert can be public or private

On any public notification, any user can add its own notification to be notified on the channel he wants.

A public dashboard shows all the resource , and group them by website

Any public resource can be fetched by standard Get Api, with a **resource id**

Pipeline scheduling

It is possible to specify the hour of the day to trigger the execution of the pipeline

It is possible to cascade pipeline in sequential order, and indicate orders

It is possible to run pipelines in parallel