August 2021

**Delivery Challenge**

As promised this morning please find attached the Coding Challenge (text and appendix).

Here are the points we give for this:

Candidates are free to take all the time they want.

The process continues once the Coding Challenge has been sent back.

Candidates are welcome to ask questions.

Candidates are allowed to ask for help, but should be transparent here, as this is easily noticed in the interview.

If you have any questions, please do not hesitate to contact us.

Best regards

Andreas

Task  
====  
  
Using the New York Times API (specifically Article Search) return news items in  
a Python dictionary format.  
  
See [developer.nytimes.com](http://developer.nytimes.com/) for the API documentation of the New York  
Times.  
  
Adhere to the attached template file, specifically `getDataBatch` should return  
the results in batches. You can verify the result by running that file with  
Python 3.  
  
Each result should contain the news results from the NYTimes API as a flattened  
dictionary. Example for an item (excerpt):  
  
    {  
        "web\_url": "<http://nytimes.com/>...",  
        "headline.main": "The main headline",  
        "headline.kicker": "...",  
        ...  
    }

Please also provide a requirements.txt file in case your solution depends on any 3rd party library and a README file with any relevant information.

Don’t use a 3rd party library for the dictionary flattening but instead define a function for it as part of the solution.

Background  
==========  
  
The template file is a stripped down version of the Squirro data loader  
plugins. This is what we use at Squirro to connect to a new data source. While  
not required for this task, you may want to look at the data loader  
documentation:  
<https://squirro.atlassian.net/wiki/display/DOC/Data+Loader>.  
  
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