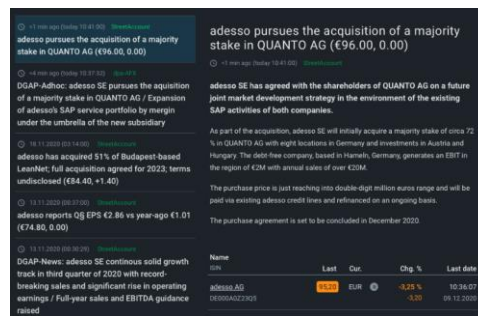**FACTSET** 〉 SEE THE ADVANTAGE

Enrich your digital portal's watchlist or virtual portfolio offering with FactSet's StreetAccount news.

Stay informed with the latest news by StreetAccount to track investment opportunities, holdings, and the markets.

In this recipe, we will show you how easy it is to retrieve FactSet's market analysis information into your digital offering. For example, decide how users get a list of current news related to their portfolio.

First, a list of relevant news items is created. Then, additional detail for the selected articles are loaded. To link the news with current price data, the system first checks on which markets the financial instrument is traded then requests the price.

Time Required: <1 hour   **Difficulty:** Easy

STEPS

1 RETRIEVE A LIST OF NEWS HEADLINES ACCORDING TO PROVIDED PARAMETERS

Create a request body to narrow down the results.

2 RETRIEVE THE NEWS BODY FOR A SELECTED HEADLINE

Create a request body with the information provided in step 1 to get the full news article.

3 CONVERT ALL INSTRUMENTS INTO RELEVANT MARKET IDENTIFIER(S)

Create a request body to convert security identifiers into market notations.

4 RETRIEVE THE LATEST PRICES DATA TO ENRICH THE NEWS ARTICLE

Create a request body to retrieve security prices for all entitled markets.

Ingredients

News API Product for Digital Portals
Quotes API Product for Digital Portals

Alternatives

n/a

Similar Recipes

n/a

1 RETRIEVE A LIST OF NEWS HEADLINES ACCORDING TO PROVIDED PARAMETERS

URL: https://developer.factset.com/api-catalog/news-api-digital-portals

News headlines for instruments using:

POST /news/article/listByInstrument:

→ *Pre-condition: List of ID instruments are available*

Necessary input:

- **Instruments:** Array of id instruments (mandatory field)
- **Category:** Array of id categories (optional field) → see optional tip below
- **Distributor:** Array of Id distributors (optional field) → In this case for StreetAccount just distributor ID: 2511688

Delivered output:

- **Code:** Identifier to request the full news article
- **Time:** Date and time of the news article (results are sorted by most recent)
- **Headline:** Headline of the news article represented as text with HTML entity encoding but without HTML tags

Optional tip: The following category clusters are recommended to group results:

- **Street Takeaways:** Use an array with following category IDs: [80640, 80641]
- **Earnings:** Use an array with following category IDs: [80792, 80540, 80613, 80632, 80640, 80657, 80748]
- **Corporate Actions:** Use an array with following category IDs: [80655, 80681]
- **Rumors/Conjecture:** Use an array with following category IDs: [80787, 80614, 80729]
- **Market Summaries:** Use an array with following category IDs: [80532]

```json
{
    "data": {
        "ids": [
            "91349688",
            "136417891",
            "206811851",
            "33837581"
        ],
        "filter": {
            "categories": {
                "ids": [
                    80792,
                    80540,
                    80613,
                    80632,
                    80640,
                    80657,
                    80748
                ]
            },
            "distributor": {
                "ids": [
                    2511688
                ]
            }
        }
    },
    "meta": {
        "subscription": {
            "minimumInterval": 0
        }
    }
}
```

2 RETRIEVE THE NEWS BODY FOR A SELECTED HEADLINE

URL: https://developer.factset.com/api-catalog/news-api-digital-portals

Details for a news article using: **GET** /news/article/get

Necessary input:

- **Code:** Identifier of a news article → see delivered output in step 1

Delivered output:

- **Time:** Date and time of the news article (sorted by most recent)
- **Headline:** Headline of the news article represented as text with HTML entity encoding but without HTML tags
- **Body:** Text body of the news article
- **Distributor:** Distributor of the news article
- **Instruments:** List of equities (ID instruments) related to the article

3 CONVERT ALL INSTRUMENTS INTO RELEVANT MARKET IDENTIFIER(S)

URL: https://developer.factset.com/api-catalog/quotes-api-digital-portals

List of entitled notations for selected instrument using:

POST /notation/crossReference/listByInstrument

Necessary input:

- **Instrument:** ID instrument → Those ID Instruments are provided in the delivered output in step 2

```
{
"data":{
"id":"33837581"
}
}
```

Delivered output:

- **Notations:** List of entitled ID notations → Those notations are providing all entitled markets for each instrument

4 RETRIEVE THE LATEST PRICE DATA TO ENRICH THE NEWS ARTICLE

URL: https://developer.factset.com/api-catalog/quotes-api-digital-portals

Overview of trading on the current trading day, including the latest price, for a list of notations using **GET** /prices/list

Necessary input:

- **Notations:** Array of ID notations to the selected instrument to get all last prices for the permissioned markets

Delivered output for each notation (the most recent notation to be picked by latest time between notations):

- **Currency:** ID currency and **Market:** ID market
- **Latest time:** <format> and **Latest price:** <format>
- **Latest performance (abs./ rel.):** <format>
- **Data quality:** <DLY, RT, EOD> → The best available data quality is delivered by default