



# dxFeed Market Data: News Web Service API

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# 1. Introduction

## 1.1. Purpose

This document describes dxFeed News Web Service API based on REST protocol. To get acknowledged with News API based on Java, see this [documentation](#).

## 1.2. Scope

dxFeed news feed provides text news from various news feed providers. Data is organized as JSON object. News body is represented in [News Industry Text Format](#).

# 2. API specification

We provide a simple RESTful API. All calls are GETs and should be called via https. To access news feed, make a single API call and it will be returned with news headers or a news body.

News Web Service API consists of one main API call that allows to get a list of headers or a specific news body. Please use `/news?help` to list help.

This is a pull-based service that returns a list of news headers along with the last available id. Use **lastId** field with the subsequent API calls to receive consistent news feed and to avoid losses.

## 2.1. Get list of news headers

Call `/news` to get a list of news headers. Result will contain 2 fields:

- **news** – the list of news messages
- **lastId** – latest available news ID.

### 2.1.1. Parameters

Parameter	Required	Description
last	Optional	Get news with an ID greater than specified ID. If <b>last</b> and <b>limit</b> are not specified, you get last 100 news.
source	Optional	Get news by the specified news provider.
symbol	Optional	Get news by the specified symbol.
limit	Optional	Limit news count by the specified number (default=100). 100 is the highest possible number.
timeout	Optional	Limit time in seconds to wait for response (default=60).

### 2.1.2. Examples of a request

Request	Description
/news?last=<lastId>&timeout=10	Wait no longer than 10 seconds to receive news after the specified last ID.
/news?symbol=CBZ&limit=2	Show the two latest news headers for symbol CBZ.

### 2.1.3. Response

Service would return result if available, or empty list:

```
{
  "news" : [ {
    "id" : "[news_id]",
    "sourceId" : "[source_id]",
    "title" : "[news_title]",
    "time" : "[timestamp]",
    "source" : "[source_name]",
    "symbols" : "[list_of_symbols]"
  }, {
    "id" : "[news_id]",
    "sourceId" : "[source_id]",
    "title" : "[news_title]",
    "time" : "[timestamp]",
    "source" : "[source_name]",
    "symbols" : "[list_of_symbols]"
  } ],
  "lastId" : "[id_of_the_last_news]"
}
```

The response may also contain different tags. See the list of sample tags [here](#).

## 2.2. Get body of a particular news

Get news body of the specified news.

### 2.2.1. Parameters

Parameter	Required	Description
id	Required	Get news body of the specified news

### 2.2.2. Examples of a request

/news?id=[ID\_value] – show contents of news with the specified ID

### 2.2.3. Response

This request returns the same response with body field added.

```
{
  "id" : "[id_number]",
  "sourceId" : "[source_id]",
  "title" : ,
  "time" : "[timestamp]",
  "source" : "[source_name]",
  "symbols" : "[list_of_symbols]",
  "body" : "[news text]"
}
```

The response may also contain different tags. See the list of sample tags [here](#).

## Appendix A. Sample tag values

This table lists sample tag values for the news feed:

Code	Description
GC	Publication Geo Focus – Country
GR	Publication Geo Focus – Region
GB	Publication Geo Focus – Regional Subdivision
GS	Publication Geo Focus – State/Province
GU	Publication Geo Focus – Urban Area
HT	Hash Tag
II	Industry code (from the ACME Taxonomy)
IN	Publisher/Vendor's Industry Code
IS	Subject code (from the ACME Taxonomy)
IX	Industry code (from the ACME Taxonomy)
LA	Geo Area
LB	Geo SubRegion
LC	Geo Country
LP	Geo Location in Byline/Placeline
LR	Geo Region
LS	Geo States/Subdivisions/Provinces
LT	Geo County LU/ Geo "Urban" and "Unified" (Cities, States, Countries)
LZ	Zip Code
MC	Misc Code and "Market Impact" code HOT, DUP, NRC, EDGE
PC	Misc. "Publisher Code"
PI	Publisher Industry
PR	Publisher/Vendor Special Geo Region Code
PS	Publisher Source
PT	Publisher Type
PX	Publisher/Vendor Special Subject
RE	Publisher/Vendor's Original Location (Region) Code – all types

RC	Publication Origin Geo Code – Country RR/ Publication Origin Geo Code – Region
RB	Publication Origin Geo Code – Subregion
RS	Publication Origin Geo Code – State/Province
RU	Publication Origin Geo Code – Urban SU/ Publisher/Vendor's Subject Code
TN	"Top News" Indicator
XC	Stock Exchange
XI	Stock Exchange of Press Release Issuer (used in press releases only)
Z	Slugs and other Special Codes