



How to search for certain keywords or phrases in articles published in our team feeds?

One of the most powerful features of Leo/Feedly is that it allows you to search for specific articles in your feeds by keywords.

The screenshot shows the Feedly search interface. At the top, there are two tabs: "In Your Feedly" (selected) and "Across the Web". Below the tabs, a search bar contains the text "Surface Duo 2" with a close button (X) and a plus sign. To the right of the search bar, there is a dropdown menu set to "Everything" and a trash icon. Below the search bar, there are two buttons: "CREATE LEO PRIORITY" and "CLEAR SEARCH".

The search results are displayed in a list. Each result includes a thumbnail image, a title, a source, and a brief description. The results are:

- Here's how much buying into Microsoft's pro Surface vision actually costs**
The Verge / 1h
The **Surface Duo 2** ditches its predecessor's last-gen specs, the Surface Laptop Studio does away with the Surface Book's gimmicky detachable screen, and the Surface Pro 8 might be the one we've been waiting for, with
- How To Preorder Microsoft Surface Duo 2? Price, Availability, and More!**
Tech Times : Latest News / 1h
Microsoft Surface Duo 2 is one of the latest foldable smartphones in the market right now.... Although this is the case, the new Microsoft **Surface Duo 2** still offers some advanced features.
- Microsoft's Unveils New Surface Laptop Studio Plus Everything Else Announced During Its Surface Event**
The Latest Hip-Hop News, Music and Media / 2h
As expected, the tech giant revealed a new Surface Pro 8, **Surface Duo 2**, now equipped with a camera plus some other cool features, and even a NEW weird but still cool as hell flagship laptop and much more.
- IT Security News Daily Summary 2021-09-22**
IT Security News / 3h
Apple Zero-Day in macOS Finder Allows Code Execution Netgear Patches Remote Code Execution Flaw in SOHO Routers Hikvision cameras could be remotely hacked due to critical flaw Microsoft Debuts Magic Keyboard-Like

On the right side of the search results, there is a "Refine" section with three filters:

- SEARCH IN** (dropdown menu) - Set to "ALL FEEDS"
- PUBLISHED** (dropdown menu) - Set to "LAST 30 DAYS"
- SORT BY** (dropdown menu) - Set to "NEWEST"
- EMBEDDED CONTENT** (dropdown menu) - Set to "ANY CONTENT"

Example 1: Searching for "Surface Duo 2" across all your feeds

In this article, we are going to see how you can perform the same search using the Feedly API.

The endpoint used to perform article searches is:

```
POST https://feedly.com/v3/search/contents
```

This is an authenticated endpoint so you will need to pass your Enterprise authentication token to be able to perform a search across your team feeds.

It requires some URL parameters:

- **count** *Optional* integer number of articles to return. default is 10.
- **newerThan** *Optional* long timestamp in ms; cannot be older than 31 days ago.
- **unreadOnly** *Optional* boolean if true, only unread articles will be returned; default is false. Reminder: entries older than 31 days are automatically marked as read.
- **continuation** *Optional* string a continuation id is used to page through the content. Pass the continuation from a search result to get the next set of results for this search.

But most importantly, it requires **query JSON body**

```
{
  "layers": [
    {
      "parts": [
        {
          "type": "customKeyword",
          "text": "Surface Duo 2"
        }
      ],
      "salience": "mention",
      "type": "matches"
    }
  ],
  "source": {
    "items": [ {
      "type": "stream",
      "id": "enterprise/XXXXXX/category/global.all"
    } ]
  }
}
```

- **layers** and **parts** allow you to combine multiple terms. Terms included in different layers are combined using an AND operator. Terms include in the parts array are combined using an OR operator
- **salience** allows you to search in the title or the entire body. If salience is set to "mention", Leo will search in the entire content of the article. If salience is set to "about", Leo will search only in the title of the article.
- **source/streams** allow you to determine where Leo should search. You can pass in an array of stream ids. The stream id you are the most interested in is "enterprise/XXXXXX/category/global.all" where XXX is the unique id of your enterprise account. This stream will search in all the team sources and feeds defined in the account. If you visit, <https://feedly.com/i/console> and look for **enterpriseName**, you will the unique id of your enterprise account.

The HTTP response will be a list of matching articles formatted as JSON

```
{
  "searchTime": 147,
  "searchElapsedTime": 0,
  "terms": [],
  "continuationTimestamp": 1632140836827,
  "advancedSearch": true,
  "title": "Search results",
  "continuation": "17c032cbfdb:14616cf:4158f6f1",
  // Each item is an article
  "items": [
    {
```

```

"fingerprint": "17f627d3",
"language": "en",
"id": "Dd33fBAb6eD+Q+HiaSf31f2sAxrUXEzSz0LZfDV1mg0=_17c0fde918f:29cb7f4:4158f6f1",
"keywords": [
  "Tech"
],
"originId": "https://www.techtimes.com/articles/265721/20210922/preorder-microsoft-surface-duo-2-price-availability-more.htm",
"origin": {
  "title": "Tech Times : Latest News",
  "streamId": "feed/http://www.techtimes.com/rss/archives/archives.xml",
  "htmlUrl": "https://www.techtimes.com/rss/archives/archives.xml"
},
// the title field is the title of the article
"title": "How To Preorder Microsoft Surface Duo 2? Price, Availability, and More!",
"alternate": [
  {
    "type": "text/html",
    "href": "https://www.techtimes.com/articles/265721/20210922/preorder-microsoft-surface-duo-2-price-availability-more.htm"
  }
],
"published": 1632353531000,
"summary": {
  "content": "Microsoft Surface Duo 2 was already unveiled! Here's how you can pre-order.",
  "direction": "ltr"
},
"enclosure": [
  {
    "href": "https://1734811051.rsc.cdn77.org/data/images/full/392928/how-to-preorder-microsoft-surface-duo-2-price-availability-and-mor",
    {
      "type": "image/jpeg",
      "href": "https://1734811051.rsc.cdn77.org/data/images/full/392928/how-to-preorder-microsoft-surface-duo-2-price-availability-and-mor"
    }
  }
],
"crawlled": 1632353816975,
"visual": {
  "contentType": "image/jpeg",
  "processor": "feedly-nikon-v3.1",
  "url": "https://1734811051.rsc.cdn77.org/data/images/full/392928/how-to-preorder-microsoft-surface-duo-2-price-availability-and-mor",
  "width": 594,
  "height": 396,
  "expirationDate": 1634946138523,
  "edgeCacheUrl": "https://lh3.googleusercontent.com/sLyyFdsXeHxmK4UoAtBigxXcABMKc9dVguPG6BBjJz_6tLzRPiiYb5rhw3j1Kk7JxAL703Nf1B464BV0"
},
"canonicalUrl": "https://www.techtimes.com/articles/265721/20210922/preorder-microsoft-surface-duo-2-price-availability-more.htm",
"ampUrl": "https://www.techtimes.com/amp/articles/265721/20210922/preorder-microsoft-surface-duo-2-price-availability-more.htm",
"cdnAmpUrl": "https://www-techtimes-com.cdn.ampproject.org/c/s/www.techtimes.com/amp/articles/265721/20210922/preorder-microsoft-surf",
"fullContent": "<!DOCTYPE html PUBLIC \"-//W3C//DTD HTML 4.0 Transitional//EN\" \"http://www.w3.org/TR/REC-html40/loose.dtd\">\n<html",
"unread": true,
"categories": [
  {
    "id": "enterprise/feedly/category/55cce7cb-432b-4dfa-8f0c-86e34091c7f4",
    "label": "Business"
  }
],
"commonTopics": [
  {
    "type": "topic",
    "id": "nlp/f/topic/10100",
    "label": "digest",
    "score": 0.401,
    "salienceLevel": "about"
  },
  {
    "type": "topic",
    "id": "nlp/f/topic/2256",
    "label": "tech",
    "score": 0.789,
    "salienceLevel": "about"
  }
],
"entities": [
  {
    "type": "consumerGood",
    "disambiguated": true,
    "id": "nlp/f/entity/wd:96419438",
    "label": "Surface Duo",
    "mentions": [
      {
        "text": "microsoft surface duo"
      }
    ]
  }
],

```

```

    {
      "text": "surface duo"
    }
  ],
  "salienceLevel": "about"
},
{
  "type": "org",
  "disambiguated": true,
  "id": "nlp/f/entity/gz:org:microsoft",
  "label": "Microsoft",
  "mentions": [
    {
      "text": "Microsoft"
    }
  ],
  "salienceLevel": "about"
},
{
  "type": "org",
  "disambiguated": true,
  "id": "nlp/f/entity/gz:org:best-buy",
  "label": "Best Buy",
  "mentions": [
    {
      "text": "Best Buy"
    }
  ],
  "salienceLevel": "mention"
},
{
  "type": "org",
  "disambiguated": true,
  "id": "nlp/f/entity/gz:org:fortune-500-companies",
  "label": "Fortune 500 companies",
  "mentions": [],
  "salienceLevel": "about",
  "causes": [
    {
      "id": "nlp/f/entity/gz:org:microsoft",
      "label": "Microsoft"
    },
    {
      "id": "nlp/f/entity/gz:org:best-buy",
      "label": "Best Buy"
    }
  ]
},
{
  "type": "org",
  "disambiguated": true,
  "id": "nlp/f/entity/gz:org:retail-industry-companies",
  "label": "retail companies",
  "mentions": [],
  "salienceLevel": "mention",
  "causes": [
    {
      "id": "nlp/f/entity/gz:org:best-buy",
      "label": "Best Buy"
    }
  ]
},
{
  "type": "org",
  "disambiguated": true,
  "id": "nlp/f/entity/gz:org:big-tech-industry-companies",
  "label": "Big Tech companies",
  "mentions": [],
  "salienceLevel": "about",
  "causes": [
    {
      "id": "nlp/f/entity/gz:org:microsoft",
      "label": "Microsoft"
    }
  ]
},
{
  "type": "entityList",
  "disambiguated": true,
  "mentions": [],
  "salienceLevel": "about",

```

```

      "causes": [
        {
          "id": "nlp/f/entity/gz:org:microsoft",
          "label": "Microsoft"
        },
        {
          "id": "nlp/f/entity/gz:org:best-buy",
          "label": "Best Buy"
        }
      ],
      "id": "nlp/f/entity/cl:feedly:VerizonCompanyMonitoring",
      "label": "Verizon Company Monitoring"
    },
    {
      "type": "entityList",
      "disambiguated": true,
      "mentions": [],
      "salienceLevel": "about",
      "causes": [
        {
          "id": "nlp/f/entity/gz:org:microsoft",
          "label": "Microsoft"
        }
      ],
      "id": "nlp/f/entity/cl:feedly:afirstcompanylist",
      "label": "a first company list"
    }
  ],
  "leoSummary": {
    "sentences": [
      {
        "position": 6,
        "text": "Although this is the case, the new Microsoft Surface Duo 2 still offers some advanced features.",
        "score": 0.302
      },
      {
        "position": 0,
        "text": "Microsoft Surface Duo 2 is one of the latest foldable smartphones in the market right now.",
        "score": 0.301
      }
    ]
  },
  "searchTerms": {
    "parts": [
      {
        "text": "Surface Duo 2"
      }
    ]
  },
  "isComplexFilter": false
}
}]

```

- Each **item** is a matching article
- The **title** of each item is the title of the article
- **alternate.href** will give you access to the URL the article
- **content** or **summary** will give you access to the HTML representation of the article. Some publishers include the entire content in their RSS feeds, some just publish a snippet.
- You can learn more about the JSON structure used to represent articles here:

[What is in RSS and what is augmented by Feedly/Leo?](#)

Language filtering

For “Across The Web” searches, Feedly automatically adds a language filter to restrict results to English content.

For “In Your Feedly” searches, no language filter is added by default, to let you search in all the articles in your feeds. If you want to restrict results to a specific list of languages, you can add a **language** layer. Like for all layers, adding a **language** layer acts like a AND operator with the other layers present in the query.

The example query below would return articles from your feeds that mention “Surface Duo 2” AND are in (English OR French):

```
{
  "layers": [
    {
      "parts": [
        {
          "text": "Surface Duo 2"
        }
      ],
      "salience": "mention",
      "type": "matches"
    },
    {
      "type": "language",
      "languages": ["en", "fr"],
    }
  ],
  "source": {
    "items": [ {
      "type": "stream",
      "id": "enterprise/XXXXXX/category/global.all"
    }
  ]
}
```

`includeAllEntities`