

CustomSearch API . cse

Instance Methods

[list\(q=*, dateRestrict=None, hl=None, orTerms=None, highRange=None, num=None, cr=None, imgType=None, relatedSite=None, filter=None, gl=None, searchType=None, fileType=None, start=None, imgDominantColor=None, lr=None, siteSearch=None, cref=None, sort=None, hq=None, c2coff=None, googlehost=None, safe=None, exactTerms=None, lowRange=None, imgSize=None, imgColorType=None, rights=None, excludeTerms=None, linkSite=None, cx=None, siteSearchFilter=None\)](#)

Returns metadata about the search performed, metadata about the custom search engine used for the search, and the search results.

Method Details

list(q=*, dateRestrict=None, hl=None, orTerms=None, highRange=None, num=None, cr=None, imgType=None, relatedSite=None, filter=None, gl=None, searchType=None, fileType=None, start=None, imgDominantColor=None, lr=None, siteSearch=None, cref=None, sort=None, hq=None, c2coff=None, googlehost=None, safe=None, exactTerms=None, lowRange=None, imgSize=None, imgColorType=None, rights=None, excludeTerms=None, linkSite=None, cx=None, siteSearchFilter=None)

Returns metadata about the search performed, metadata about the custom search engine used for the search, and the search results.

Args:

q: string, Query (required)
dateRestrict: string, Specifies all search results are from a time period
hl: string, Sets the user interface language.
orTerms: string, Provides additional search terms to check for in a document, where each document in the search results must contain at least one of the terms.
highRange: string, Creates a range in form as_nlo value..as_nhi value and attempts to append it to query
num: integer, Number of search results to return
cr: string, Country restrict(s).
imgType: string, Returns images of a type, which can be one of: clipart, face, lineart, news, and photo.
Allowed values
clipart - clipart
face - face
lineart - lineart
news - news
photo - photo
relatedSite: string, Specifies that all search results should be pages that are related to the specified URL
filter: string, Controls turning on or off the duplicate content filter.
Allowed values
0 - Turns off duplicate content filter.
1 - Turns on duplicate content filter.
gl: string, Geolocation of end user.
searchType: string, Specifies the search type: image.
Allowed values
image - custom image search
fileType: string, Returns images of a specified type. Some of the allowed values are: bmp, gif, png, jpg, svg, pdf, ...
start: integer, The index of the first result to return
imgDominantColor: string, Returns images of a specific dominant color: yellow, green, teal, blue, purple, pink, white, gray, black and brown.
Allowed values
black - black
blue - blue
brown - brown
gray - gray
green - green
pink - pink
purple - purple
teal - teal
white - white
yellow - yellow
lr: string, The language restriction for the search results
Allowed values
lang_ar - Arabic
lang_bg - Bulgarian
lang_ca - Catalan
lang_cs - Czech
lang_da - Danish
lang_de - German
lang_el - Greek
lang_en - English
lang_es - Spanish
lang_et - Estonian
lang_fi - Finnish
lang_fr - French
lang_hr - Croatian
lang_hu - Hungarian
lang_id - Indonesian

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lang_is - Icelandic
lang_it - Italian
lang_iw - Hebrew
lang_ja - Japanese
lang_ko - Korean
lang_lt - Lithuanian
lang_lv - Latvian
lang_nl - Dutch
lang_no - Norwegian
lang_pl - Polish
lang_pt - Portuguese
lang_ro - Romanian
lang_ru - Russian
lang_sk - Slovak
lang_sl - Slovenian
lang_sr - Serbian
lang_sv - Swedish
lang_tr - Turkish
lang_zh-CN - Chinese (Simplified)
lang_zh-TW - Chinese (Traditional)

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siteSearch: string, Specifies all search results should be pages from a given site

cref: string, The URL of a linked custom search engine

sort: string, The sort expression to apply to the results

hq: string, Appends the extra query terms to the query.

c2coff: string, Turns off the translation between zh-CN and zh-TW.

googlehost: string, The local Google domain to use to perform the search.

safe: string, Search safety level

Allowed values

high - Enables highest level of safe search filtering.

medium - Enables moderate safe search filtering.

off - Disables safe search filtering.

exactTerms: string, Identifies a phrase that all documents in the search results must contain

lowRange: string, Creates a range in form as_nlo value..as_nhi value and attempts to append it to query

imgSize: string, Returns images of a specified size, where size can be one of: icon, small, medium, large, xlarge, xxlarge, and huge.

Allowed values

huge - huge

icon - icon

large - large

medium - medium

small - small

xlarge - xlarge

xxlarge - xxlarge

imgColorType: string, Returns black and white, grayscale, or color images: mono, gray, and color.

Allowed values

color - color

gray - gray

mono - mono

rights: string, Filters based on licensing. Supported values include: cc_publicdomain, cc_attribute, cc_sharealike, cc_noncommercial, cc_

excludeTerms: string, Identifies a word or phrase that should not appear in any documents in the search results

linkSite: string, Specifies that all search results should contain a link to a particular URL

cx: string, The custom search engine ID to scope this search query

siteSearchFilter: string, Controls whether to include or exclude results from the site named in the as_sitesearch parameter

Allowed values

e - exclude

i - include

Returns:

An object of the form:

```

{
  "promotions": [
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      "title": "A String",
      "displayLink": "A String",
      "htmlTitle": "A String",
      "link": "A String",
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        {
          "url": "A String",
          "htmlTitle": "A String",
          "link": "A String",
          "title": "A String",
        },
      ],
    },
  ],
  "image": {
    "source": "A String",
    "width": 42,
  },
}

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        "height": 42,
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    },
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"kind": "customsearch#search",
"url": {
    "type": "application/json",
    "template": "https://www.googleapis.com/customsearch/v1?q={searchTerms}&num={count?}&start={startIndex?}&lr={language?}&safe={safe?}&"
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"items": [
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        "snippet": "A String",
        "kind": "customsearch#result",
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                "label_with_op": "A String",
                "displayName": "A String",
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        ],
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        "cacheId": "A String",
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    "title": "A String",
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"queries": {
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            "gl": "A String",
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            "title": "A String",
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}

```

```
"fileType": "A String",
"imgDominantColor": "A String",
"siteSearch": "A String",
"cref": "A String",
"dateRestrict": "A String",
"safe": "A String",
"outputEncoding": "A String",
"hq": "A String",
"searchTerms": "A String",
"exactTerms": "A String",
"language": "A String",
"inputEncoding": "A String",
"totalResults": "A String",
"lowRange": "A String",
"count": 42,
"imgSize": "A String",
"imgColorType": "A String",
"rights": "A String",
"startIndex": 42,
"excludeTerms": "A String",
"filter": "A String",
"linkSite": "A String",
"siteSearchFilter": "A String",
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"spelling": {
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  "htmlCorrectedQuery": "A String",
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"searchInformation": {
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  "formattedTotalResults": "A String",
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  "searchTime": 3.14,
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}
```