
googlesearch Documentation

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CHAPTER 1

Indices and tables

- `genindex`
- `modindex`
- `search`


```
googlesearch.search(query, tld='com', lang='en', tbs='0', safe='off', num=10, start=0,
                    stop=None, pause=2.0, country="", extra_params=None, user_agent=None,
                    verify_ssl=True)
```

Search the given query string using Google.

Parameters

- **query** (*str*) – Query string. Must NOT be url-encoded.
- **tld** (*str*) – Top level domain.
- **lang** (*str*) – Language.
- **tbs** (*str*) – Time limits (i.e “qdr:h” => last hour, “qdr:d” => last 24 hours, “qdr:m” => last month).
- **safe** (*str*) – Safe search.
- **num** (*int*) – Number of results per page.
- **start** (*int*) – First result to retrieve.
- **stop** (*int*) – Last result to retrieve. Use None to keep searching forever.
- **pause** (*float*) – Lapse to wait between HTTP requests. A lapse too long will make the search slow, but a lapse too short may cause Google to block your IP. Your mileage may vary!
- **country** (*str*) – Country or region to focus the search on. Similar to changing the TLD, but does not yield exactly the same results. Only Google knows why...
- **extra_params** (*dict*) – A dictionary of extra HTTP GET parameters, which must be URL encoded. For example if you don't want Google to filter similar results you can set the extra_params to {'filter': '0'} which will append '&filter=0' to every query.
- **user_agent** (*str*) – User agent for the HTTP requests. Use None for the default.
- **verify_ssl** (*bool*) – Verify the SSL certificate to prevent traffic interception attacks. Defaults to True.

Return type generator of str

Returns Generator (iterator) that yields found URLs. If the stop parameter is None the iterator will loop forever.

`googlesearch.lucky(*args, **kwargs)`

Shortcut to single-item search.

Same arguments as the main search function, but the return value changes.

Return type str

Returns URL found by Google.

`googlesearch.get_random_user_agent()`

Get a random user agent string.

Return type str

Returns Random user agent string.

`googlesearch.get_tbs(from_date, to_date)`

Helper function to format the tbs parameter.

Parameters

- **from_date** (*datetime.date*) – Python date object.
- **to_date** (*datetime.date*) – Python date object.

Return type str

Returns Dates encoded in tbs format.

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