


# trovu.net

*Web shortcuts: social + with privacy*

Georg Jähnig

 |  [trovu!](#)

#### Example queries

<b>g berlin</b>	search Google for "berlin"
<b>w berlin</b>	open Wikipedia article for Berlin (in language from settings)
<b>fr.w berlin</b>	override language from settings
<b>gd london, liverpool</b>	find a route on Google Maps from London to Liverpool
<b>gfl txl, lpa</b>	Google Flights search from Berlin to Las Palmas
<b>ytd cats</b>	Cat videos Youtube, sorted by date

#### About

- **privacy:** all queries are [processed in the client](#), not server
- **social:** benefit from curated shortcuts in the [general repo](#), organized by [namespaces](#).
- **freedom:** setup your own [personal shortcuts](#) in your [private repo](#)

trovu!

gfl sin, kul

	<b>gfl</b>	Google Flights	o
	<b>gfl</b> from IATA code, to IATA code	Google Flights	o
Exam	<b>gfl</b> from IATA code, to IATA code, departure date	Google Flights	o
	<b>gfl</b> from IATA code, to IATA code, departure date, arrival date	Google Flights	o
g ber	<b>gfl1</b> from IATA code, to IATA code	Google Flights, one-way	o
w ber	<b>gfl1</b> from IATA code, to IATA code, departure date	Google Flights, one-way	o

fr.w berlin      override language from settings

gd london, liverpool      find a route on Google Maps from London to Liverpool

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ytd cats      Cat videos Youtube, sorted by date

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Round trip ▾ 1 passenger ▾ Economy ▾

↔   < >  < >

▾  ▾  ▾  ▾  ▾  ▾  ▾

### Best departing flights ⓘ

Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply.

Sort by: ↑↓

	<b>7:20 AM – 8:25 AM</b> Jetstar	<b>1h 5m</b> SIN-KUL	Nonstop	<b>€46</b> round trip	▾
	<b>11:30 PM – 12:30 AM<sup>1</sup></b> AirAsia	<b>1h 0m</b> SIN-KUL	Nonstop	<b>€46</b> round trip	▾
	<b>9:10 AM – 10:10 AM</b> Scot	<b>1h 0m</b> SIN-KUL	Nonstop	<b>€50</b> round trip	▾



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<b>fr</b> word	French-English (Linguee)	en
<b>freenode</b> query	Freenode IRC channels	o
<b>frv</b> word	Forvo	o
<b>fpwg</b>	Frank's password generator (Kessnux; javascript)	o
<b>myfritz</b>	fritz.box access worldwide	o
<b>bf</b> query	Börse Frankfurt Abfrage	o
<b>bif</b> to code, amount	Convert Burundian franc (Yahoo)	o
<b>chf</b> to code, amount	Convert Swiss franc (Yahoo)	o
<b>derivative</b> query	WolframAlpha: Derivative	o
<b>djf</b> to code, amount	Convert Djiboutian franc (Yahoo)	o
<b>f3</b>	f3 - Fight Flash Fraud: an alternative disk fraud checker compatible to h2testw	o
<b>fosspatent</b>	FOSSpatents blog (Free open source software & patent blog)	o
<b>fosspatents</b>	FOSSpatents blog (Free open source software & patent blog)	o

[Github](#) | [Docs](#) | [Mailinglist](#) [Add to browser](#)

▼ Dictionary English-French

**tree** *noun* (plural: trees)

**arbre** *m* (almost always used) (plural: arbres *m*)

Squirrels and birds live in trees.  
Willows are beautiful trees.

Les écureuils et les oiseaux vivent dans les arbres.  
Les saules sont des arbres magnifiques.

**arborescence** *f*

The tree shows the hierarchical structure of the company.

L'arborescence montre la structure hiérarchique de l'entreprise.

*Examples:*

decision tree *n* – schéma décisionnel *m*

ash tree *n* – frêne *m*

tree view *n* – vue arborescente *f*

↕

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► Wikipedia

▼ External sources (not reviewed)

Its caterpillar feeds on the leaves of the juniper **tree** without damaging **the tree**. [parcdelagatineau.ca](#)

La chenille se nourrit des feuilles du genévrier **de** Virginie, sans toutefois causer de dommages **à l'arbre**. [parcdelagatineau.ca](#)

yt kitten trovu!

<b>yt</b>	Youtube Homepage	<input type="radio"/>
<b>yt query</b>	Youtube	<input type="radio"/>
<b>yt user</b>	Youtube channel	<input type="radio"/>
<b>ytd query</b>	Youtube, sorted by upload date	<input type="radio"/>
<b>yth</b>	Youtube, my history	<input type="radio"/>
<b>ytl</b>	Youtube, my liked videos	<input type="radio"/>
<b>ytm</b>	Youtube, mobile	<input type="radio"/>
<b>ytm query</b>	Youtube, mobile	<input type="radio"/>
<b>ytt query</b>	Youtube, today's new videos	<input type="radio"/>
<b>ytw query</b>	Youtube, last week's new videos	<input type="radio"/>
<b>py</b>	Python documentation	<input type="radio"/>
<b>py query</b>	Python documentation	<input type="radio"/>
<b>py3</b>	Python 3 documentation	<input type="radio"/>

- Home
- Trending
- Subscriptions
- Library
- History
- Watch later
- Liked videos
- SUBSCRIPTIONS
- Popular on YouTu...
- Sports
- Gaming
- Movies
- MORE FROM YOUTUBE

FILTER



So many cute kittens videos compilation 2018

Funny Animals • 10M views • 11 months ago

►Subscribe for new video: <http://goo.gl/Koxcb0> ►Fanpage: <http://goo.gl/8JZskX> ►Thanks For Watching ! Please Like Share ...



Learn How Baby Kittens Grow: 0-8 Weeks!

Kitten Lady • 1M views • 1 month ago

In this adorable and information-packed video, I'll teach you everything you need to know about how to determine a kitten's age, ...



Charlie's Kitten Mittens Commercial

Tom Giltenan • 137K views • 6 years ago

Full Kitten Mittens Commercial.



Calming Music for Cats with Anxiety! Deep Soothing Music for Anxious, ill and Stressed Cats! (2018)



# Similar to:

- DuckDuckGo Bangs
- YubNub
- Serchilo / FindFind.it

# Differentiators

Multiple arguments:

- `gfl sin, kul`
- `gfl sin, kul, 3/24`
- `gfl sin, kul, fr`

# Diffentiators

## Namespaces & variables

- `fr tree`
  - French-English dictionary
  - French-German dictionary
- `w berlin`
  - English Wikipedia
  - German Wikipedia

A namespace for every language and country.

# Diffentiators

## Privacy

- All processing is done in the client.
- No search query is sent to the Trovu server.

gfl sin, kul

keyword: gfl

arguments: ['sin', 'kuł']

arguments.length: 2

`https://raw.githubusercontent.com/  
trovu/trovu-data/...  
/gfl/2.yml`

## /gfl/2.yml:

```
url: https://www.google.com/flights/#flt={%from IATA code|transform=uppercase}.{%to
  IATA code|transform=uppercase}
title: Google Flights
description: ""
tags:
- google
- travel
- flights
examples:
  txl, lpa: Search for flights from Berlin Tegel to Las Palmas
tests: []
```



```
https://www.google.com/flights/#flt={%from  
IATA code|transform=uppercase}.{%to IATA  
code|transform=uppercase}
```

<https://www.google.com/flights/#flt=SIN.KUL>

Round trip 1 passenger Economy

Singapore SIN ↔ Kuala Lumpur KUL

Sun, Mar 24 < > Thu, Mar 28 < >

Bags Stops Airlines Price Times Connecting airports More

Date grid Price graph Nearby airports

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# More complex

- Namespaces: different directories
- personal shortcuts:
  - Your Github repo can be a namespace.
  - You can "subscribe" to other user's namespaces.

# Code structure

- Github organisation: <https://github.com/trovu>
  - trovu-data
  - trovu-web
  - trovu-data-user
    - georgjaehnig/trovu-data-user
    - john-doe/trovu-data-user
- All decoupled:
  - *Ecosystem* for shortcuts.

# How you can contribute

- Add shortcuts
  - for your language and country
    - dictionaries
    - train timetables
    - ...
  - for docs / APIs of your programming language
    - php
    - rb
    - py
    - ...
  - for common services that are missing

# How you can contribute

- help to improve the web frontend
  - Bootstrap 4
  - pure Javascript (better ideas?)

# How you can contribute

- Create new frontends
  - browser plugins
  - Android
  - iOS
  - qt, gtk
  - OSX: Alfred
  - bash?

All need to interact only with `trovu-data`.



qr <https://trovu.net>

