
[Home](#)
[Open Source](#)
[Technology](#)
[Linux](#)
[Linux Basics](#)
[Linux Distributions](#)
[Arch Linux](#)
[CentOS](#)
[Debian](#)
[Fedora](#)
[Linux Mint](#)
[Mageia](#)
[Mandrake](#)
[Mandriva](#)
[openSUSE](#)
[Red Hat Enterprise Linux](#)
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[Monitoring Tools](#)
[Tips and Tricks](#)
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[Trouble shooting](#)
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Google
Translate
From Commandline
using "Translate Shell"





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top 10.

Howdy fellow Linux users! I just stumbled upon this cool utility, and I couldn't resist myself to share it with you all. Meet **Translate Shell** (formerly known as **Google Translate CLI**), a command-line translator powered by popular translation engines such as **Google Translate** (default), **Bing Translator**, **Yandex.Translate** and **Apertium**. It allows you to access one of these translation engines from your terminal. Google Translate is my first preferred source to translate English to Tamil and vice versa. Since I am not a native English speaker, I mostly depend on Google Translate for both my professional and personal use. Translate Shell utility is very useful and handy when it comes to translate words from English to your native language and vice versa. It is a cross-platform utility, so it will work on most modern operating systems, including GNU/Linux, FreeBSD, MS Windows, and Mac OS X.



Nieuwe kofke
top 10.

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In this tutorial, we will be discussing how to translate a word, a sentence, or even a webpage from your preferred language to English and vice versa. Let's get started!

Install Translate Shell

Translate Shell can be installed in three ways.

Method1 – Using Package manager

Translate Shell is available in the official repositories of popular Linux operating systems.

On Arch Linux and derivatives:



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```
$ sudo pacman -S translate-shell
```

On Debian, Ubuntu, Linux Mint:

```
$ sudo apt-get install translate-shell
```

On Fedora:

```
$ sudo dnf install translate-shell
```

If it is not available in the official repositories, you can install it as described in any one of the following two methods.

Method2 – Direct download

Download the self-contained executable file, make it as executable. move it to your \$PATH and start using it.

```
$ wget git.io/trans
```

```
$ chmod +x trans
```

```
$ sudo mv trans /usr/local/bin/
```

Method3 – Install from source

Clone Translate Shell git repository, compile and install it as shown below.

```
$ git clone https://github.com/
```

```
$ cd translate-shell/
```



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```
$ make
```

```
$ sudo make install
```

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Use Google Translate From Commandline In Linux using “Translate Shell”

1. Translate a word/sentence

To translate a word, just type:

```
$ trans வணக்கம்
```

Sample output:

```
வணக்கம்  
(Vanakkam)
```

```
Hello
```

```
Translations of வணக்கம்  
[ தமிழ் -> English ]
```

```
வணக்கம்  
Hello, Greetings, Good, Hi, So
```

As you see in the above output, I have translated a Tamil word called “வணக்கம்” (Vanakkam), which is used to greet people, to English. By default, Translate Shell will translate the given words/sentences to English.

Holzkern; Wood Watch Gravity (Leadv

349 €

Ad Holzkern Watches

[Learn more](#)

To translate a whole sentence at once, Just type 'trans' command followed by the sentence within quotes like below.

```
$ trans "எப்படி இருக்கீங்க?"
```

Sample output:

```
எப்படி இருக்கீங்க?  
(Eppaṭi irukkīṅka?)  
  
How are you?  
  
Translations of எப்படி இருக்கீங்க?  
[ தமிழ் -> English ]  
  
எப்படி இருக்கீங்க?  
How are you?
```

As you see in the above example, Translate Shell gives you the detailed translation of the given sentence.

When translating a sentence, put them inside quotes. If you don't put them inside the quotes, each word in the sentence will be translated alone like below.

```
$ trans எப்படி இருக்கீங்க?  
எப்படி null  
(null Eppaṭi)  
  
How null  
/null null/  
  
Definitions of எப்படி null  
[ தமிழ் -> English ]  
  
adverb  
how  
எப்படி  
இருக்கீங்க? null  
(null Irukkīṅka?)  
  
Are you? null  
/null null/
```

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Translations of இருக்கீங்க? null
[தமிழ் -> English]

இருக்கீங்க ?
Are you?

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Learn more

To get the brief translation of the given sentence, type the sentence with **-brief** parameter as shown below.

```
$ trans -brief "எப்படி இருக்கீங்க?"
```

The sample output would be:

```
How are you?
```

This above command will just display the actual translation.

2. Translate the contents of a file

I want to translate a whole text file to English, is it possible? Yes you can!

Let us see the contents of text file

```
$ cat greet.txt
```

Here is what I have in the text file.

```
வணக்கம் . எப்படி இருக்கீங்க?
```

To translate this text file, just type:

```
$ trans file:///home/sk/greet.t
```

Sample output:

```
Hello. How are you?
```

Cool isn't it?

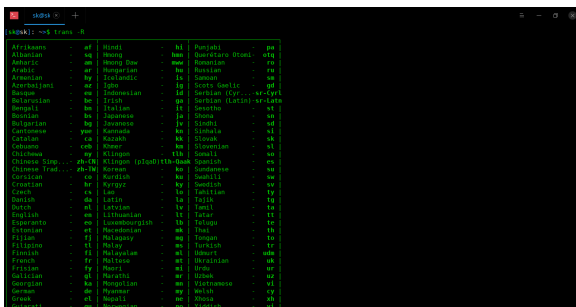
3. Find language codes

As you know already, Google translate supports over 100 languages. So it is important to know the language codes to translate sentences to other languages.

To display the language codes, type:

```
$ trans -R
```

Sample output:



Language	Source Code	Target Code
Afrikaans	af	af
Albanian	sq	sq
Arabic	ar	ar
Armenian	hy	hy
Azerbaijani	az	az
Bangla	bn	bn
Bosnian	bs	bs
Bulgarian	bg	bg
Catalan	ca	ca
Chinese	zh	zh
Chinese Simplified	zh-CN	zh-CN
Chinese Traditional	zh-TW	zh-TW
Croatian	hr	hr
Czech	cs	cs
Danish	da	da
Dutch	nl	nl
English	en	en
Esperanto	eo	eo
Finnish	fi	fi
French	fr	fr
German	de	de
Greek	el	el
Hebrew	he	he
Hindi	hi	hi
Indonesian	id	id
Italian	it	it
Japanese	ja	ja
Korean	ko	ko
Latvian	lv	lv
Lithuanian	lt	lt
Malay	ms	ms
Malayalam	ml	ml
Maltese	mt	mt
Marathi	mr	mr
Polish	pl	pl
Portuguese	pt	pt
Romanian	ro	ro
Russian	ru	ru
Slovak	sk	sk
Slovenian	sl	sl
Spanish	es	es
Swedish	sv	sv
Tamil	ta	ta
Telugu	te	te
Thai	th	th
Turkish	tr	tr
Ukrainian	uk	uk
Urdu	ur	ur
Vietnamese	vi	vi
Yiddish	yi	yi
Zulu	zu	zu

Language codes

Just pick any language of your choice and translate the sentence instantly. You don't need a web browser. Everything will be displayed right from your Terminal.

4. Translate to one or more languages

As you noticed, all the translations that we have done so far are from other languages (Tamil in my case) to English. If you want to change the target language, type **:(colon)** followed by specific language code.

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Say for example, to translate a word to **Hindi**, just type:

```
$ trans :hi வணக்கம்
```

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This command will translate the Tamil word “வணக்கம்” to Hindi language.

Sample output:

```
வணக்கம்  
(Vanakkam)
```

```
नमस्ते  
(namaste)
```

```
Translations of வணக்கம்  
[ தமிழ் -> हिन्दी ]
```

```
வணக்கம்  
नमस्ते, करें Hello, नमस्कार, Hello
```

We can also translate words to multiple languages in one go. To do so, use use a plus sign “+” as the delimiter. For instance, the following command will translate the given word to Hindi and Telugu.

```
$ trans :hi+te வணக்கம்  
வணக்கம் null  
(null Vanakkam)
```

```
नमस्ते null  
(null namaste)
```

```
Translations of வணக்கம் null  
[ தமிழ் -> हिन्दी ]
```

```
வணக்கம்  
नमस्ते, को नमस्कार, Hello, नमस्कार
```

```
வணக்கம் null  
(null Vanakkam)
```

```
హలో null  
(null Halō)
```


Translations of வணக்கம் null [தமிழ் -> తెలుగు]

வணக்கம்

హల్, h- ఇ- llo, కిట్టి, కు హల్

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Alternatively, you can use **-t** option (instead of colon) to specify the target language(s). This command translates the given word to Hindi, Telugu and Kannada.

```
$ trans -t hi+te+kn వణణకకమ్
```

To translate a sentence to multiple languages, quote the sentence like one argument as shown below.

```
$ trans :hi+te+kn "ఁబ్బడి ఇరుకకీఢ్  
ఁబ్బడి ఇరుకకీఢ్? null  
(null Eppaṭi irukkīṅka?)
```

```
आप कैसे हैं null  
(null aap kaise hain)
```

Translations of ఁబ్బడి ఇరుకకీఢ్?
[தமிழ் -> हिन्दी]

```
ఁబ్బడి ఇరుకకీఢ్?  
आप कैसे हैं, आप कैसे हैं?
```

```
ఁబ్బడి ఇరుకకీఢ్? null  
(null Eppaṭi irukkīṅka?)
```

```
మీరు ఎలా ఉన్నారు null  
(null Mīru eḷā unnāru)
```

Translations of ఁబ్బడి ఇరుకకీఢ్?
[தமிழ் -> తెలుగు]

```
ఁబ్బడి ఇరుకకీఢ్?  
మీరు ఎలా ఉన్నారు, మీరు ఎలా ఉన్నారు?
```

```
ఁబ్బడి ఇరుకకీఢ్? null  
(null Eppaṭi irukkīṅka?)
```

```
ನೀನು ಹೇಗೆ? null
```

(null Nīnu hēge?)

Translations of எப்படி இருக்கீங்க?
[தமிழ் -> கன்னட]

எப்படி இருக்கீங்க?
ನೀನು ಹೇಗೆ?, ಹೇಗಿರುವಿರಿ?

Or, use -t option.

```
$ trans -t hi+te+kn "எப்படி இருக்
```

5. Translate from a specific language

Sometimes, Google translate may wrongly identify the source text as some other language than you expected. In such cases, you need to specify the source language explicitly like below.

```
$ trans ta: வணக்கம்  
வணக்கம் null  
(null Vaṇakkam)
```

```
Hello null  
/null null/
```

Translations of வணக்கம் null
[தமிழ் -> English]

வணக்கம்
Hello, Greetings, Good, Hi, Sal

Please mind that you must put the colon after the language code, not before. If you put the colon before language, it will be recognized as target language.

Alternatively, just use **-s** option (instead of colon) to specify the source language as shown below.

```
$ trans -s ta வணக்கம்
```

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6. Interactive Translation

Translate Shell can also be used as interactive translator. That means you can translate line by line interactively.

To do so, use -shell option like below.

```
$ trans -shell -brief
Translate Shell
(:q to quit)
> வணக்கம்
Hello null
> எப்படி இருக்கீங்க?
How are you? null
>
```

Press **Ctrl+c** to quit the interactive translation.

7. Translate a website

What about translating a website? That's also possible.

```
$ trans https://www.ostechnix.c
```

This command will open a new browser window and translate the website into English. Since the above website is already in English, It just displayed:

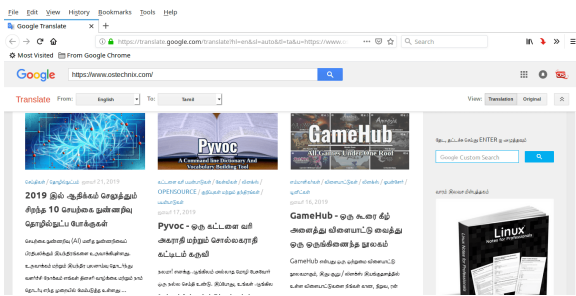
```
The page you have attempted to
```

To translate ostechnix.com site to some other language, for example Tamil, just type:

```
$ trans :ta https://www.ostechn
```

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Translate a website from command line

8. Dictionary mode

Google translate can also be used as a dictionary. To know the meaning of a given word, run:

```
$ trans :en வணக்கம்
வணக்கம் null
(null Vanakkam)

Hello null
/null null/

Translations of வணக்கம் null
[ தமிழ் -> English ]

வணக்கம்
Hello, Greetings, Good, Hi,
```

To enable dictionary mode no matter whether the source language and the target language are identical, use the **-d** option like below.

```
$ trans -d te: வணக்கம்
```

9. Language identification

To identify the language of a given text, use **-id** option.

```
$ trans -id வணக்கம்
தமிழ்
Name Tamil
Family Dravidian
Writing system Tamil
```

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```
Code ta
ISO 639-3 tam
SIL http://www-01.sil.org/iso63
Glottolog http://glottolog.org/
Wikipedia http://en.wikipedia.c
```

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As you can see in the above output, I have used Tamil language.

10. Text-to-Speech

This another cool thing that I liked in Translate Shell. Just like the Google translate web service, we can listen to the translation and original text. Put your headphone on and type the language of your choice to listen.

To listen to the translation, run:

```
$ trans -b -p :ta வணக்கம்
```

To listen to the original text, run:

```
$ trans -sp "எப்படி இருக்கீங்க?"
```

11. Terminal paging

Sometimes, the contents of translation might be too much for display in one screen. In such cases, use -v option to display the translation result page by page.

```
$ trans -d -v word
```

12. Getting help

To display help section, run:

```
$ trans --help
```

To display Translate shell man page:

```
$ trans -M
```

Note: Here M is capital letter.

And, that's all for now. You know how to use Google translate from command line on Unix-like systems. As you can see, using Google translate service from command line is easy, kind of fun and interesting.

More good stuffs to come. Stay tuned!

Cheers!

Resource:

- [Translate Shell on GitHub](#) ↗

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Have a Good day!!

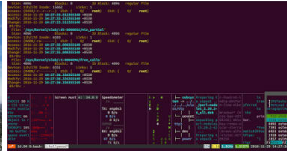
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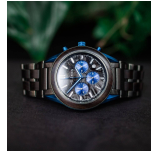


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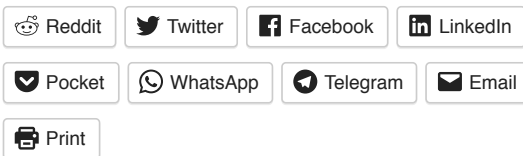
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